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TAIL LIFTS



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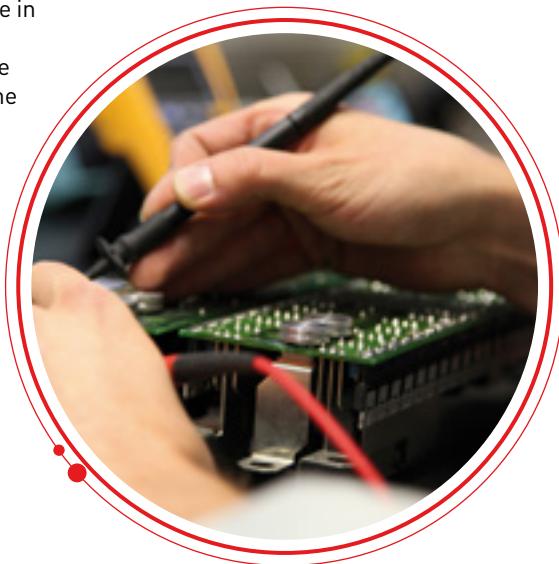
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· Детали пневматического тормоза	675		
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Материалы для мастерских и			
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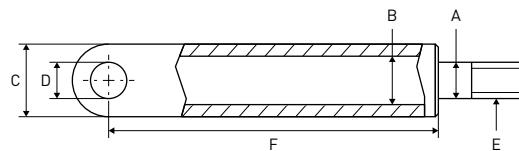


USED ON
AMA



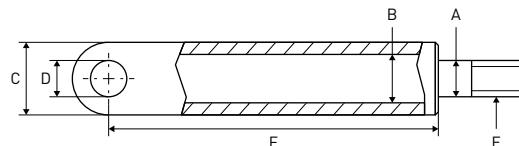
LIFT CYLINDERS

VÉRINS DE LEVAGE - HUBZYLINDER



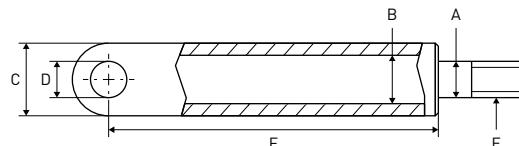
Old type

A mm	B mm	C mm	D mm	E mm	F mm		REF
						Cylinder	Seal kit
40	70	85	35	M36 x 2	450		111TP1181 111TP1197
40	80	95	35	M36 x 2	450	NYDEM	111TP5391 111TP1199



New type

A mm	B mm	C mm	D mm	E mm	F mm		REF
						Cylinder	Seal kit
40	70	85	35	M36 x 2	465	111TP1182 111TP1196	



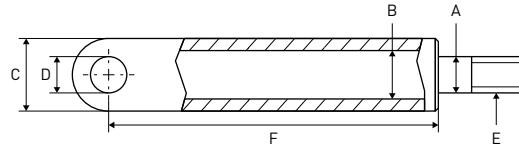
New type

A mm	B mm	C mm	D mm	E mm	F mm		REF
						Cylinder	Seal kit
40	80	95	35	M36 x 2	460	111TP1183 111TP1198	



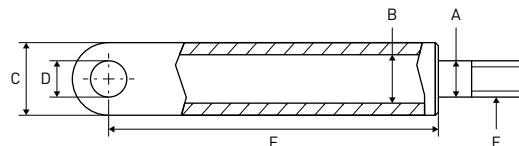
TILT CYLINDERS

VÉRINS D'INCLINAISON - SCHLIESSZYLINDER



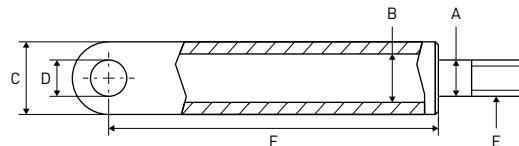
Old type

A mm	B mm	C mm	D mm	E mm	F mm	REF
				Cylinder	Seal kit	
40	70	85	35	M36 x 2	450	111TP1184 111TP1197



New type

A mm	B mm	C mm	D mm	E mm	F mm	REF
				Cylinder	Seal kit	
40	70	85	35	M36 x 2	460	111TP5389 111TP1196
40	80	95	35	M45 x 2	460	111TP5390 111TP1198



New type

A mm	B mm	C mm	D mm	E mm	F mm	REF
				Cylinder	Seal kit	
50	80	95	35	M45 x 2	460	111TP1185 111TP1200

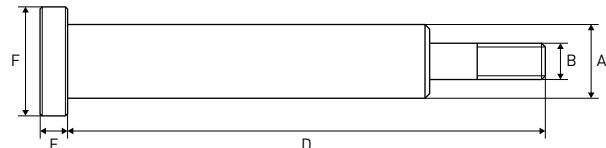


PISTON RODS

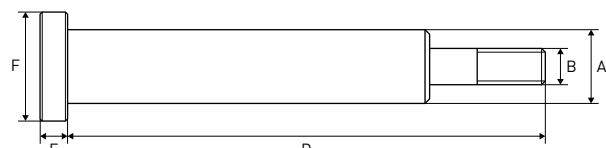
TIGES DE PISTON - KOLBENSTANGEN



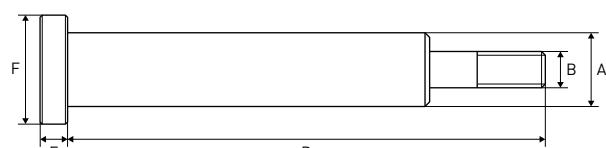
A mm	B mm	C mm	D mm	E mm	F mm	Info	REF
40	M34	M36	28	88	485	SKM	111TP1186



A mm	B mm	D mm	E mm	F mm	Info	REF
40	M36	510	35	70	DKD	111TP6541



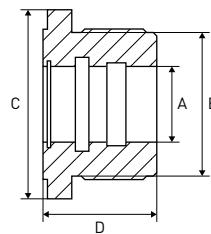
A mm	B mm	D mm	E mm	F mm	REF
40	M36	510	35	80	111TP1187



A mm	B mm	D mm	E mm	F mm	REF
40	M36	500	45	80	111TP1188
50	M45	500	45	80	111TP1189

CYLINDER HEADS

CULASSES - ZYLINDERKÖPFE



	A mm	B mm	C mm	D mm	REF
	40	70	90	50	111TP1190
	40	73	85	48,5	111TP1192
	40	80	100	50	111TP1191
	40	82	93	48,5	111TP1193



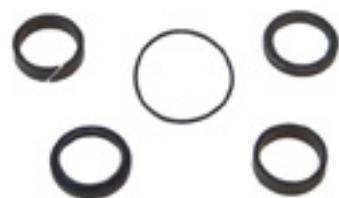
SEAL KITS

KITS DE JOINTS - DICHTUNGSSÄTZE



Diameter: 30/50 mm

[**REF 111TP1194**](#)



Diameter: 30/50 mm

[**REF 111TP1195**](#)



Diameter: 40/70 mm

[**REF 111TP1196**](#)



Diameter: 40/70 mm

[**REF 111TP1197**](#)



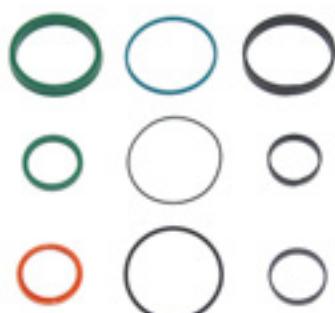
Diameter: 40/80 mm

[**REF 111TP1198**](#)



Diameter: 40/80 mm

[**REF 111TP1199**](#)



Diameter: 40/80 mm

[**REF 111TP1206**](#)



Diameter: 50/80 mm

[**REF 111TP1200**](#)



SEAL KITS

KITS DE JOINTS – DICHTUNGSSÄTZE



Diameter: 50/80 mm

[REF 111TP1201](#)



Diameter: 55/110 mm

[REF 111TP1202](#)



Diameter: 55/65 mm

[REF 111TP1203](#)



Diameter: 69,5/85 mm

[REF 111TP1204](#)



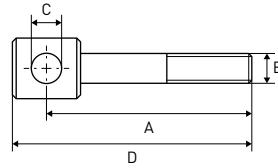
Diameter: 80/90 mm

[REF 111TP1205](#)



ROD ENDS

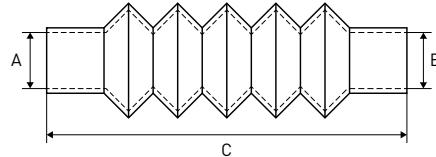
ROTULES - GELENKKÖPFE



A mm	B mm	C mm	D mm	REF
70	M36	35	100	111TP1207
370	M36	35	400	111TP1208

DUST COVERS

CACHE-POUSSIÈRE - STAUBKAPPE



Diameter		Length	REF		
A mm	B mm	Min - C - max mm	Cover	Clamp 1	Clamp 2
55	80	115 - 270 - 500	111TP1209	111TP4999	111TP4918



TANKS & OIL RESERVOIRS

RÉSERVOIRS (D'HUILE) – TANKS & ÖLBEHÄLTER



Length mm	Width mm	Height mm	REF
300	300	300	111TP6641

SUCTION TUBES

TUBES D'ASPIRATION – SAUGROHRE



- Length: 33,5 mm
- Info: HE6000

REF [111TP1210](#)

USED ON AMA



ELECTRIC MOTORS

MOTEURS ÉLECTRIQUES - ELEKTROMOTOREN



Voltage	kW	Rotation	REF
12	0,8	CW >>	111TP1211
24	0,8	CW >>	111TP1212

Voltage	kW	Rotation	REF
12	3,0	CW >>	111TP1213
24	3,0	CW >>	111TP1216



Voltage	kW	Rotation	REF
12	2,0	CW >>	111TP1214
24	2,0	CW >>	111TP1215

Voltage	kW	Rotation	REF
12	2,0	CW >>	111TP9100
24	2,0	CW >>	111TP9094

See chapter Universal parts on page 735 for more parts.

HYDRAULIC PUMPS

POMPES HYDRAULIQUES - HYDRAULIKPUMPEN



CC	Rotation	REF
2,5	<< CCW	111TP1217
3,3	<< CCW	111TP1218

CC	Rotation	REF
3,2	<< CCW	111TP1219

CC	Rotation	REF
0,8	<< CCW	111TP1220

See chapter Universal parts on page 699 for more parts.

USED ON AMA



SOLENOID SWITCHES/CONTACTORS

SOLÉNOÏDES/CONTACTEURS - MAGNETSCHALTER/SCHÜTZE

	Amperage	REF	
		12 V	24 V
	100	111TP1221	111TP1222

See chapter Universal parts on page 701 for more parts.

BRUSHES

BALAIS - KOHLEBÜRSTEN



- Voltage: 12/24 V
- Dimensions: 15,8 x 8,9 x 15,8 mm

[REF 111TP1223](#)

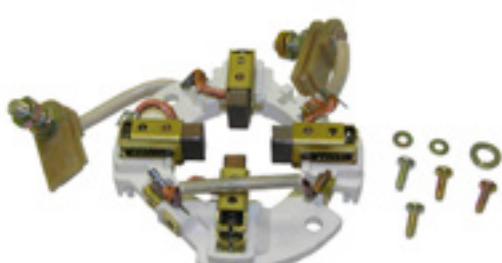


- Voltage: 12/24 V
- Dimensions: 24,8 x 9,9 x 22,9 mm

[REF 111TP1224](#)

BRUSH ROCKERS

COLLIERS PORTE-BALAIS - KOHLENHALTER



Diameter: 105 mm

[REF 111TP1225](#)

BEARINGS

ROULEMENTS - LAGER



Diameter mm	Height mm	REF
12/32	10	111TP1226
17/35	10	111TP1227

See chapter Universal parts on page 735 for more parts.

**HOSES**

TUYAUX - SCHLÄUCHE



Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	mm	mm		
3/8	9,5	450	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP1228
3/8	9,5	650	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP1229
3/8	9,5	800	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP1230
3/8	9,5	1000	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP1231
3/8	9,5	1200	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP1232



Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	mm	mm		
1/4	6,4	500	Ø 12 - 45°	Ø 12 - 45°	-40-100 °C	111TP1233
1/4	6,4	925	M18 x 1,5	Ø 12	-40-100 °C	111TP1234

USED ON AMA



SOLENOID VALVES

ÉLECTROVANNES - MAGNETVENTILE

	Type	Voltage	Diameter mm	Thread mm	REF
	2/2	12	15	M20 x 1,5	111TP1235
	2/2	24	15	M20 x 1,5	111TP1236
	2/2	12	15	M20 x 1,5	111TP1237
	2/2	24	15	M20 x 1,5	111TP1238
	2/2	24	15	M20 x 1,5	111TP1239

COILS & VALVES - BOBBINES & SOUPAPES - SPULEN & VENTILE

CARTRIDGES

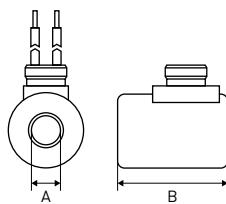
CARTOUCHES - PATRONEN

	Type	Diameter mm	Thread mm	REF
	2/2	15	M20 x 1,5	111TP8462
	2/2	15	M20 x 1,5	111TP8463



COILS

BOBINES - SPULEN



Voltage	A mm	B mm	Diameter mm	Thread mm	REF
12	18	40	15	M27 x 1	111TP8551
24	18	40	15	M27 x 1	111TP8552

VALVE BLOCKS

BOÎTIERS À SOUPAPES - STEUERBLÖCKE



- Length: 205 mm
- Height: 49 mm
- Width: 70 mm
- Info: HE6000

[REF 111TP1240](#)



- Length: 205 mm
- Height: 49 mm
- Width: 70 mm
- Info: HE6000 – 15 l

[REF 111TP1241](#)



- Length: 205 mm
- Height: 50 mm
- Width: 70 mm
- Info: HE6000 – 20 l

[REF 111TP7143](#)



- Length: 80 mm
- Height: 50 mm
- Width: 70 mm
- Info: HS

[REF 111TP1242](#)



- Length: 75 mm
- Height: 30/35 mm
- Width: 65 mm
- Type: 3/2

[REF 111TP1243](#)



REGULATING VALVES

SOUPAPES DE RÉGULATION – REGELVENTILE



Length mm	Thread	Info	REF
30	3/8" BSP	15 l/min	111TP1244



Length mm	Thread	Info	REF
30	3/8" BSP	20 l/min	111TP1245

VALVES & SWITCHES

SOUPAPES & INTERRUPEURS – VENTILE & SCHALTER



Info: HE6000

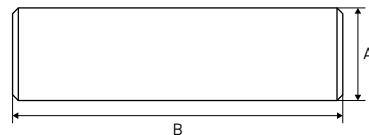
REF [111TP1246](#)

USED ON AMA

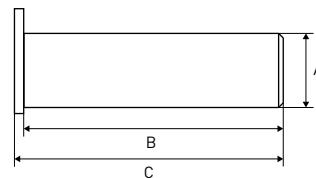


PINS

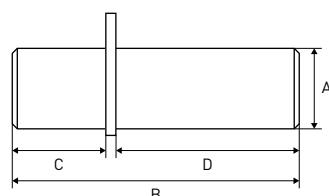
AXES - ACHSEN



A mm	B mm	REF
20	95	111TP1247



A mm	B mm	C mm	Thread mm	REF
35	97	104		111TP5001
35	98	103	M8 x 1	111TP5002
35	108	113	M8 x 1	111TP1248
35	118	123	M8 x 1	111TP1249
35	128	133	M8 x 1	111TP1250
35	157	165	M10 x 1,5	111TP5000
35	250	260	M10 x 1,5	111TP1252
40	115	120	M8 x 1	111TP1253



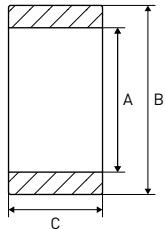
A mm	B mm	C mm	D mm	Thread mm	REF
35	170	70	95	M10 x 1	111TP7553
35	185	68	112	M10 x 1	111TP1251

USED ON AMA



PLATFORM ROLLERS

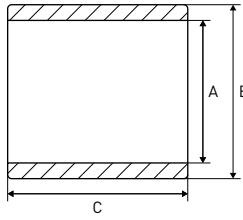
GALETS DE HAYON – PLATTFORMROLLEN



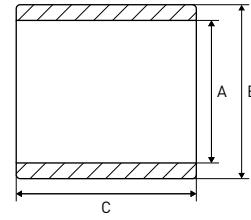
A mm	B mm	C mm	REF
35	90	40	111TP1254

BUSHINGS

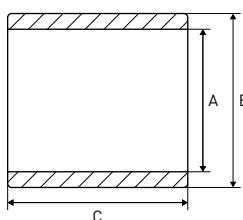
BAGUES – BUCHSEN



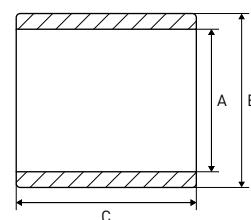
A mm	B mm	C mm	REF
30	36	30	111TP1255
35	42	35	111TP1256
35	42	58	111TP1257



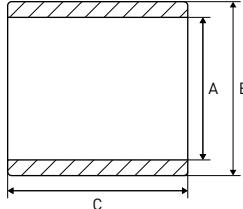
A mm	B mm	C mm	REF
40	50	70	111TP1258



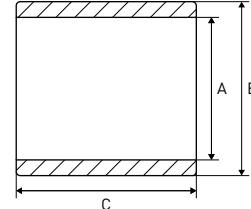
A mm	B mm	C mm	REF
30	36	60	111TP1259



A mm	B mm	C mm	Info	REF
12	14	15	DC	111TP1260



A mm	B mm	C mm	REF
35	42	35	111TP4501



A mm	B mm	C mm	REF
35	42	58	111TP8046

See chapter Universal parts on page 705 for more parts.



SPRINGS & GAS SPRINGS

RESSORTS & VÉRINS À GAZ - FEDERN & GASDRUCKFEDERN



Diameter mm	Length mm	Width mm	REF
8	245	38	111TP1317



Diameter mm	Length mm	Width mm	REF
4	85	85	111TP6581



Diameter mm	Length mm	REF
10	1225	111TP1318

See chapter Universal parts on page 707 for more parts.



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



- Length: 400 mm
- Width: 250 mm
- § 53b Abs. 5 StVZO
- TÜV/CE with certificate

REF [111TP1319](#)



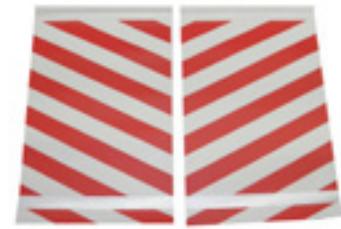
- Length: 400 mm
- Width: 250 mm
- § 53b Abs. 5 StVZO
- TÜV/CE without certificate

REF [111TP1320](#)



- Length: 300 mm
- Width: 200 mm

REF [111TP2930](#)



- Length: 370 mm
- Width: 240 mm

REF [111TP1321](#)



- Length: 355 mm
- Height: 45 mm
- Width: 50 mm
- LH

REF [111TP8045](#)



- Length: 355 mm
- Height: 45 mm
- Width: 50 mm
- RH

REF [111TP8044](#)



Diameter: 12 x 45 mm

REF [111TP1322](#)

See chapter Universal parts on page 708 for more parts.



JOYSTICKS

LEVIERS DE COANDE - JOYSTICKS



- 4 position
- 4 x 2NO

[**REF 111TP1323**](#)

ROTARY/PUSH SWITCHES & PARTS

INTERRUPEURS ROTATIFS/POUSSOIRS & ACCESSOIRES - DREH-/DRUCKSCHALTER & ERSATZTEILE



- [**REF 111TP1324**](#) – Black
[**REF 111TP1325**](#) – Green
[**REF 111TP1326**](#) – Red



1999–2002

[**REF 111TP1327**](#)



3 positions

[**REF 111TP1328**](#)

CONTACT ELEMENTS

BLOCS DE CONTACT – KONTAKTELEMENTE



1 x NO

[**REF 111TP1330**](#)



1 x NC

[**REF 111TP1331**](#)

USED ON AMA



BATTERY/EMERGENCY SWITCHES & PARTS

COUPE BATTERIE/INTERRUPEURS D'ARRÊT D'URGENCE & ACCESSOIRES - BATTERIE-/NOTSTOPPSCHALTER & ERSATZTEILE



- Amperage: 150/1000 A
- 5 sec

[REF 111TP1332](#)



- Diameter: 40 mm
- Length: 35 mm
- Width: 30 mm

[REF 111TP1340](#)

CONTROLLERS

COMMANDES - BEDIENUNGEN

HYDEM



Operate your tail lift with our high-quality hand controls available in 2- or 3-button configurations.

Your benefits:

- Maximum comfort, high productivity
- Unique ergonomic design
- Easy push system
- With magnet and ring for easy handling
- Rubber shock absorber
- Usable in cold and wet environments

Specifications:

- Protection (IP): IP44 according to EN 60 529
- Contact type: Mafelec (push button)
- Max amperage: 10 A
- Operating temperature: -25 °C up to 60 °C
- Material: ABS plastic with rubber buffer
- Cable: polyurethane 3,5 metres working length

Applications:

Tail lifts, winches, cranes to name a few

Available colours:

Orange, yellow, green, red and blue

Available in different colours and in 2- or 3-button configurations.

Ask for your quantity discount. All models are equipped with Mafelec switches.

2-button hand controls with cable and connector

Make	Colour	REF
AMA	Green	111TP5188

2-button hand controls without cable

Colour	REF
Orange	111TP5214
Blue	111TP5215
Red	111TP5216
Yellow	111TP5217
Green	111TP5218

3-button hand controls with cable and connector

Make	Colour	REF
AMA	Green	111TP5200

3-button hand controls without cable

Colour	REF
Orange	111TP5219
Blue	111TP5220
Yellow	111TP5221
Red	111TP5222
Green	111TP5223



CONTROLLERS

COANDES - BEDIENUNGEN



- 2 x NO
- Mafelec switch

REF [111TP8042](#)



- 1 x NO + 1 x NC
- Mafelec switch

REF [111TP8043](#)

See chapter Universal parts on page 712 for more parts.

FOOT CONTROLLERS & PARTS

COANDES AU PIED & ACCESSOIRES - FUSSSCHALTER & ERSATZTEILE



Length: 2000 mm

REF [111TP1329](#)



KOSTAL CABLES

CÂBLES KOSTAL - KOSTALKABEL



HYDEM

- Length: 4000 mm
- Thread: M24 x 1 mm/M27 x 1 mm

REF [111TP1336](#)

**RELAYS**

RELAIS - RELAIS



Voltage	Wattage	REF
24	10/110	111TP1337

Voltage	Wattage	REF
24	10/110	111TP9512

See chapter Universal parts on page 727 for more parts.

FUSE HOLDERS & PARTS

PORTE-FUSIBLES & ACCESSOIRES - SICHERUNGSHALTER & ERSATZTEILE



DIN 72581/med

[REF 111TP1338](#)

DIN 72581/med

[REF 111TP8755](#)

See chapter Universal parts on page 732 for more parts.

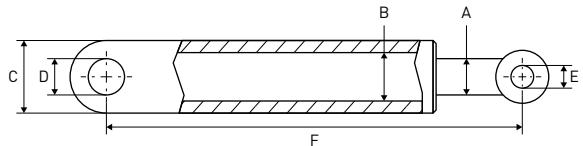


USED ON
ANTEO

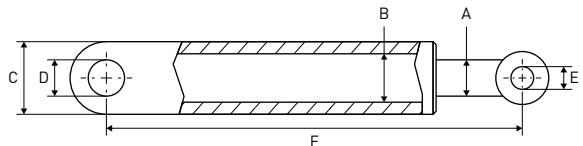


LIFT CYLINDERS

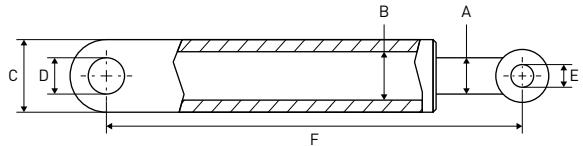
VÉRINS DE LEVAGE - HUBZYLINDER



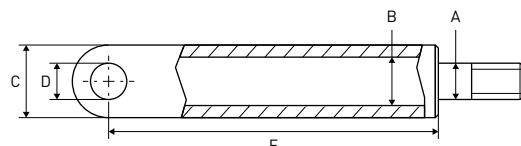
A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
35	60	70	30	30	631	Futura	111TP1347	111TP9351



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
35	60	70	30	30	538	Business	111TP1348	111TP9351



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
40	70	80	30	30	548	Left - F3	111TP1349	111TP1354
40	70	80	30	30	548	Right - F3	111TP1350	111TP1354
40	60	70	30	30	590	Left	111TP9884	111TP1358
40	60	70	30	30	590	Right	111TP9883	111TP1358

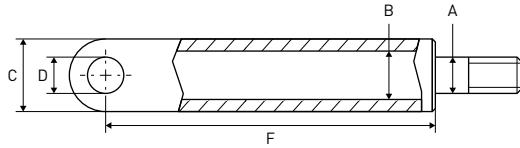


A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
50	90	102	30	30	549	REP	111TP1351	111TP9352

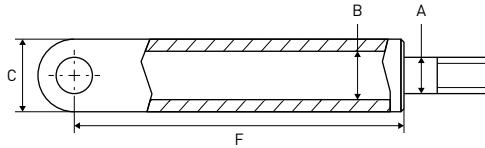


TILT CYLINDERS

VÉRIN D'INCLINAISON – SCHLIESSZYLINDER



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
40	80	90	30	M38 x 1,5	395	Left – F3	111TP8083	111TP1355
40	80	90	30	M38 x 1,5	395	Right – F3	111TP8084	111TP1355



A mm	B mm	C mm	E mm	F mm	REF	
					Cylinder	Seal kit
35	70	80	M30 x 1,5	550	112TP9925	111TP1355
50	80	90		740	112TP9926	111TP1355



SEAL KITS

KITS DE JOINTS - DICHTUNGSSÄTZE



- Diameter: 30/55 mm
- Info: F3CL 10

REF [111TP1352](#)



- Diameter: 30/60 mm
- Info: F3CL 10

REF [111TP1356](#)



- Diameter: 30/80 mm
- Info: F3CL 15H / F3CL 15HS / F3CL 20 HS

REF [111TP1353](#)



- Diameter: 35/70 mm
- Info: F3M 075

REF [111TP1357](#)



- Diameter: 40/60 mm
- Info: F3CL 15HS / F3CL 15H

REF [111TP1354](#)



- Diameter: 40/70 mm
- Info: F3CL 20H

REF [111TP1358](#)



- Diameter: 40/80 mm
- Info: F3CL 20H

REF [111TP1355](#)



- Diameter: 45/70 mm
- Info: RCE 20HS

REF [111TP1359](#)



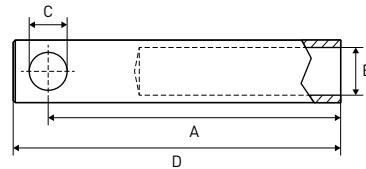
- Diameter: 50/90 mm
- Info: CE 15REP

REF [112TP8189](#)



EXTENSIONS

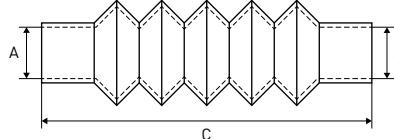
RALLONGES - VERLÄNGERUNG



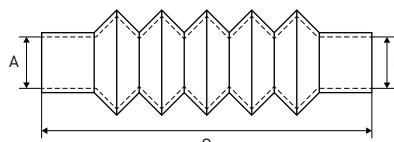
A mm	B mm	C mm	D mm	Info	REF
220	M38	30	245	F3 CHL	111TP1361
370	M38	30	396	H/S	111TP1360

DUST COVERS

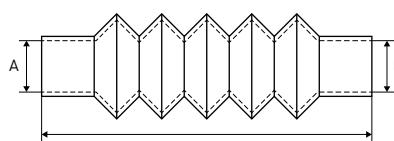
CACHE-POUSSIÈRE - STAUBKAPPE



Diameter	Length		REF		
A mm	B mm	Min - C - max mm	Cover	Clamp 1	Clamp 2
40	60	70 - 185 - 290	111TP1362	111TP5003	111TP5004



Diameter	Length		REF		
A mm	B mm	Min - C - max mm	Cover	Clamp 1	Clamp 2
60	100	75 - 215 - 320	111TP1363	111TP4999	111TP5005



Diameter	Length		REF		
A mm	B mm	Min - C - max mm	Cover	Clamp 1	Clamp 2
50	90	70 - 210 - 300	111TP1364	111TP5004	111TP4918



SEALS

JOINTS - DICHTUNGEN



Diameter	Dimensions mm	REF
M18	18,7 x 26 x 1,5	111TP1365



COVERS

COUVERCLES - ABDECKUNGEN



Length mm	Height mm	Width mm	REF
390	280	325	111TP8048



Length mm	Height mm	Width mm	REF
325	305	165	111TP8049



Length mm	Height mm	Width mm	REF
280	345	285	112TP9928



Length mm	Height mm	Width mm	REF
285	285	225	112TP9929



Length mm	Height mm	Width mm	REF
255	490	230	112TP9927

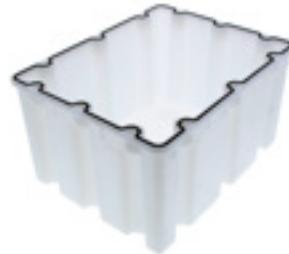


TANKS & OIL RESERVOIRS

RÉSERVOIRS (D'HUILE) - TANKS & ÖLBEHÄLTER



Length mm	Height mm	Width mm	Volume l	REF
295	150/375	235	6	111TP1366



Length mm	Height mm	Width mm	Volume l	REF
265	160	210	4	111TP8085



Reservoir inox for F3CL and F3RE

Length mm	Height mm	Width mm	Volume l	REF
315	300	270	8	112TP9930

FILTERS & BREATHERS

FILTRES & RENIFLARDS - FILTER & ENTLÜFTER



Info: F3

REF [111TP8050](#)



LOCKS

SERRURES - VERRIEGELUNGEN



Length: 130 mm

[**REF 111TP8051**](#)



Length: 95 mm

[**REF 111TP8052**](#)



Length: 160 mm

[**REF 112TP5184**](#)



- Rubber hook
- Length: 140 mm

[**REF 112TP5123**](#)

**ELECTRIC MOTORS**

MOTEURS ÉLECTRIQUES - ELEKTROMOTOREN



Voltage	kW	Rotation	REF
12	2	CW >>	111TP1367
24	2	CW >>	111TP1368



Voltage	kW	Rotation	REF
12	2	CW >>	111TP1371
24	2	CW >>	111TP1372



Voltage	kW	Rotation	REF
12	1,5	CW >>	111TP1369
24	2	CW >>	111TP1370

See chapter Universal parts on page 735 for more parts.



HYDRAULIC PUMPS

POMPES HYDRAULIQUES – HYDRAULIKPUMPEN



CC	Rotation	REF
1,1	<< CCW	111TP1373
1,6	<< CCW	111TP1374
2,6	<< CCW	111TP1375

CC	Rotation	REF
1,1	<< CCW	111TP9885
1,6	<< CCW	111TP9886
2,6	<< CCW	111TP9887



CC	Rotation	REF
1,0	<< CCW	111TP8053
1,1	<< CCW	111TP8054

CC	Rotation	REF
1,6	<< CCW	111TP2061



CC	Rotation	REF
250	CW >>	112TP9909

See chapter Universal parts on page 699 for more parts.



SOLENOID SWITCHES/CONTACTORS

SOLÉNOÏDES/CONTACTEURS - MAGNETSCHALTER/SCHÜTZE

	Amperage	REF	
		12 V	24 V
	80	111TP1377	111TP1378
	100	111TP1379	111TP1380
	80	111TP8055	111TP8335
	150	111TP1381	111TP1382

See chapter Universal parts on page 701 for more parts.

COUPLERS

COUPLEURS - KUPPLUNGEN



Diameter mm	Height mm	REF
18	22	111TP1383



Diameter mm	Height mm	REF
18	41	111TP1384



Diameter mm	Height mm	REF
22	12	111TP1385

See chapter Universal parts on page 702 for more parts.



BRUSHES

BALAIS - KOHLEBÜRSTEN

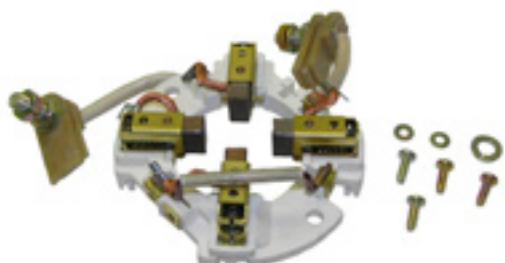


- Voltage: 24 V
- Hole: 15,8 x 8,9 x 15,8 mm

REF [111TP1386](#)

BRUSH ROCKERS

COLLIERS PORTE-BALAIS - KOHLENHALTER



Diameter: 105 mm

REF [111TP1225](#)

BEARINGS

ROULEMENTS - LAGER



Diameter mm	Height mm	REF
12/16	10	111TP1387



Diameter mm	Height mm	REF
12/32	10	111TP1226



Diameter mm	Height mm	REF
20/42	12	111TP1388

See chapter Universal parts on page 735 for more parts.

USED ON ANTEO



HOSES

TUYAUX - SCHLÄUCHE



Hose diameter		Length mm	Fitting 1 Inch	Fitting 2 Inch	Info	REF
inch	mm					
1/4	6,4	320	9/16	9/16	-40-100 °C	111TP9889
1/4	6,4	1120	9/16	9/16	-40-100 °C	111TP1389
1/4	6,4	1220	9/16	9/16	-40-100 °C	111TP1390



Hose diameter		Length mm	Fitting 1 Inch	Fitting 2 Inch	Info	REF
inch	mm					
1/4	6,4	980	9/16	9/16	-40-100 °C	111TP1391



Hose diameter		Length mm	Fitting 1 Inch	Fitting 2 Inch	Info	REF
inch	mm					
1/4	6,4	465	9/16	9/16	-40-100 °C	111TP1392
1/4	6,4	560	9/16	9/16	-40-100 °C	111TP1393
1/4	6,4	800	9/16	9/16	-40-100 °C	111TP1394
1/4	6,4	870	9/16	9/16	-40-100 °C	111TP1395
1/4	6,4	920	9/16	9/16	-40-100 °C	111TP1396
1/4	6,4	1250	9/16	9/16	-40-100 °C	111TP1397
1/4	6,4	2000	9/16	9/16	-40-100 °C	111TP1398
3/8	9,5	350	9/16	9/16	-40-100 °C	111TP1399
3/8	9,5	370	9/16	9/16	-40-100 °C	111TP1400
3/8	9,5	465	9/16	9/16	-40-100 °C	111TP1401
3/8	9,5	490	9/16	9/16	-40-100 °C	111TP1402
3/8	9,5	520	9/16	9/16	-40-100 °C	111TP1403
3/8	9,5	615	9/16	9/16	-40-100 °C	111TP1404
3/8	9,5	670	9/16	9/16	-40-100 °C	111TP1405
3/8	9,5	5000	9/16	9/16	-40-100 °C	111TP1406



HOSES

TUYAUX - SCHLÄUCHE



Hose diameter inch	Length mm	Fitting 1 Inch	Fitting 2 Inch	Info	REF
1/4	6,4	2000	9/16	9/16	-40-100 °C 111TP1407
3/8	9,5	2700	9/16	9/16	-40-100 °C 111TP1408

FITTINGS

RACCORDS - KUPPLUNGEN



Thread: male 1/4" BSP – female 9/16" JIC

[REF 111TP9890](#)



Thread: 2 x male 9/16" JIC

[REF 111TP9891](#)



- For flexible retour diameter: 6 mm
- Thread: BJO 1/8"

[REF 112TP9946](#)



SOLENOID VALVES ÉLECTROVANNES - MAGNETVENTILE		Type	Voltage	Diameter nose mm	Diameter core mm	Thread Inch	REF
		3/2	12	15,8-17,4		7/8 UNF	111TP1409
		3/2	24	15,8-17,4		7/8 UNF	111TP1410
		2/2	24	13-15	13 Kostal: M27	3/4-16 UNF	111TP9892
		2/2	24	12,7	13 DIN	3/4-16 UNF	111TP9893
		2/2	24	13		3/4-16 UNF	111TP9894
		2/2	24	13	13 Kostal: M27	3/4-16 UNF	111TP9895
		2/2	24	12,7	13 Kostal: M27	3/4-16 UNF	111TP9896
		2/2	12	13	13 Kostal: M27	3/4-16 UNF	111TP9897
		2/2	24	12,7		3/4-16 UNF	111TP9898
		4/2	24	12,7		3/4-16 UNF	112TP9931

USED ON ANTEO



CARTRIDGES CARTOUCHES - PATRONEN				
	Type	Diameter mm	Thread Inch	REF
	2/2	12,7	3/4 UNF	111TP1412
	2/2	12,7	3/4 UNF	111TP1413
	2/2	12,7	3/4 UNF	111TP1414
	2/2	15,8	3/4 UNF	111TP1416
	3/2	15,8-17,4	7/8 UNF	111TP1411
	4/2	15,8-17,4-18,9	7/8 UNF	111TP1415
	4/3	13	3/4 UNF	111TP2632

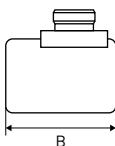
COILS & VALVES - BOBBINES & SOUPAPES - SPULEN & VENTILE

USED ON ANTEO

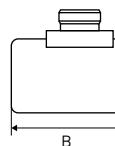


COILS

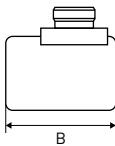
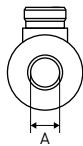
BOBINES - SPULEN



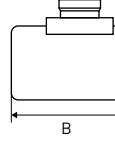
Voltage	Wattage	A mm	B mm	Info	REF
12	18	13	39	DIN	111TP1417
24	18	13	39	DIN	111TP1418



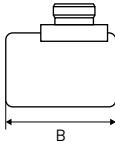
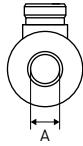
Voltage	Wattage	A mm	B mm	Info	REF
12	18	13	38,5	Kostal M27 x 1 mm	111TP1419
24	18	13	38,5	Kostal M27 x 1 mm	111TP1420



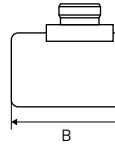
Voltage	A mm	B mm	Info	REF
12	14	40	DIN	111TP1425
24	14	40	DIN	111TP1426



Voltage	Wattage	A mm	B mm	REF
12	27	13	39	111TP1427
24	27	13	39	111TP1428



Voltage	A mm	B mm	Info	REF
12	18	40	Kostal M27 x 1 mm	111TP1423
24	18	40	Kostal M27 x 1 mm	111TP1424



Voltage	Wattage	A mm	B mm	REF
12	26	16	50	111TP1421
24	26	16	50	111TP1422

VALVE BLOCKS

BOÎTIERS À SOUPAPES - STEUERBLÖCKE



- Type: 4/3
- Max 280 bar

REF [111TP1429](#)



VALVES & SWITCHES

SOUPAPES & INTERRUPEURS – VENTILE & SCHALTER



- Length: 43,5 mm
- Thread: 3/8" BSP

[**REF 111TP8056**](#)



- Length: 30 mm
- Thread: 3/8" BSP

[**REF 111TP8057**](#)



- Length: 30 mm
- Thread: 3/8" BSP
- Info: 9 l/min

[**REF 111TP8058**](#)



- Length: 30 mm
- Thread: 3/8" BSP
- Info: 12 l/min

[**REF 111TP8059**](#)



- Voltage: 250 V
- Amperage: 6 A
- Thread: 1/4" BSP

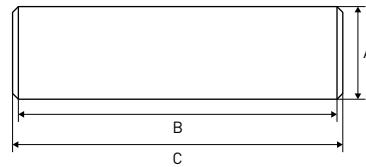
[**REF 111TP1430**](#)

USED ON ANTEO



PINS

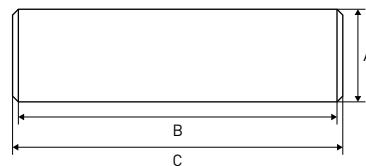
AXES - ACHSEN



A mm	B mm	C mm	REF
30	63	78	111TP1431
30	74	89	111TP1432
30	84	99	111TP1433
30	123	138	111TP1434

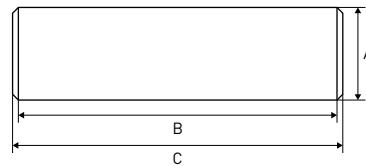


A mm	B mm	C mm	REF
35	119	130	111TP1435

HYDEM version, axe with removable plate

A mm	B mm	C mm	REF
35	122	122	111TP8589



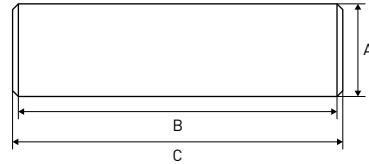
A mm	B mm	C mm	REF
30	123	138	111TP8086

USED ON ANTEO



PINS

AXES - ACHSEN



A mm	B mm	C mm	REF
30	307/M16	370/M10	111TP1346



A mm	B mm	REF
22	152	111TP8060



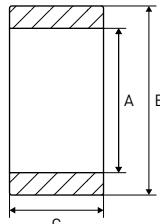
Diameter mm	Length mm	Info	REF
20	2500	Universal	111TP8592
25	735	Male	111TP8595
30	830	Female	111TP8593

USED ON ANTEO



PLATFORM ROLLERS

GALETS DE HAYON - PLATTFORMROLLEN



A mm	B mm	C mm	REF
11	61	27	111TP1436
12	50	28	111TP1437
12,5	71	28	111TP1438
12	100	30	111TP1439
25	70	80	111TP1440
26	70	35	111TP1441
31	80	35	111TP1442
35	90	35	111TP1444
30	130	35	111TP1443

PLATFORM ROLLER SETS

KITS DE GALETS DE HAYON - PLATTFORMROLLENSETS

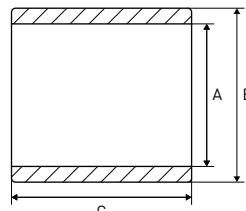


- Diameter axle: 30 mm
- Length: 133 mm
- Diameter wheel: 31/79 mm
- Thickness wheel: 34,5 mm

REF [111TP8061](#)

BUSHINGS

BAGUES - BUCHSEN



A mm	B mm	C mm	Info	REF
30	34	15	DX	111TP1445
30	34	20	DX	111TP1446
30	34	25	DX	111TP1447
30	34	30	DX	111TP1448
30	34	40	DX	111TP1449
35	39	30	DX	111TP1450

See chapter Universal parts on page 705 for more parts.



ROLL STOPS & PARTS

BUTÉES DE ROUES & ACCESSOIRES - ABROLLSICHERUNGEN & ERSATZTEILE



- Set
- Diameter: 12 mm
- Length: 270 mm

REF [111TP1452](#)



- F3RE AM
- Length: 78 mm
- Width: 42 mm
- Height: 20 mm
- Hole: 13 mm

REF [111TP1453](#)



- Kit roll stop LH + RH
- Length: 800 mm

REF [112TP9932](#)



SPRINGS & GAS SPRINGS

RESSORTS & VÉRINS À GAZ - FEDERN & GASDRUCKFEDERN



1

2

Diameter mm	Info	REF
60/12	Left	111TP1454
60/12	Right	111TP1455



Diameter mm	Length mm	Thickness mm	REF
16	90	1,5	111TP1456



Diameter mm	Length mm	Thickness mm	REF
30	95	2	111TP1457



Diameter mm	Diameter eye mm	Length mm	Info	REF
10 x 22	8	605	1000 N	111TP1458
10 x 22	8	705	1000 N	111TP1459



Info	REF
Roll stop spring	112TP9933

See chapter Universal parts on page 707 for more parts.



BUMPERS & BUFFERS

PARE-CHOCS & BUTOIRS - STOSSDÄMPFER & -PUFFER



REF 111TP1460 – Diameter: 25 x 15 mm

REF 111TP1461 – Diameter: 50 x 20 mm



- Inner: M14
- Outer: M10
- Number of holes: 4

REF 111TP8062



Tightening spacer

REF 112TP9934



Retractable rack-and-pinion

REF 111TP9901



Hydraulic brake jaw (lower element)

REF 112TP9937



Rack blocking

REF 112TP9935



Hydraulic brake jaw (upper element)

REF 112TP9936



Rack fixing kit

REF 112TP5738



SLIDE BLOCKS, ROLLERS & WEAR PLATES

BLOCS DE DÉFILEMENT, GALETS & PLAQUES D'USURE - GLEITBLÖCKE, LAUFROLLEN & VERSCHLEISSPLATTEN



- Length: 139 mm
- Width: 79 mm
- Height: 27 mm

[REF 111TP8590](#)



- Length: 88 mm
- Width: 79,5 mm
- Height: 27 mm

[REF 111TP9899](#)

HYDEM



Diameter: 54 mm

[REF 111TP8591](#)



Slip block

[REF 112TP9938](#)



Retraction roller

[REF 112TP9939](#)



- Transmission shaft central
- Length: 830 mm

[REF 112TP9940](#)



- Transmission shaft outside
- Length: 735 mm

[REF 112TP9941](#)



- Retraction tree assembles steel tube
- Diameter: 24 mm
- Finishing white zinc coating

[REF 111TP8597](#)



CAPS

BOUCHONS - DECKEL



- Length: 100 mm
- Width: 50 mm

[REF 111TP1462](#)



Diameter: 100 mm

[REF 111TP1463](#)



Diameter: 100 mm

[REF 111TP9074](#)



Diameter: 120 mm

[REF 111TP9900](#)



1

- Length: 144 mm
- Width: 54 mm



2

- [REF 111TP8064](#) – Left
- [REF 111TP8063](#) – Right

See chapter Universal parts on page 707 for more parts.



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



- Length: 400 mm
- Width: 250 mm
- § 53b Abs. 5 StVZO
- TÜV/CE with certificate

REF [111TP1469](#)



- Length: 400 mm
- Width: 250 mm
- § 53b Abs. 5 StVZO
- TÜV/CE with certificate

REF [111TP1320](#)



Length: 303 mm

1. **REF [111TP1464](#)** - Left
2. **REF [111TP1465](#)** - Right



- Length: 2600 mm
- Width: 40 mm
- Height: 13 mm

REF [111TP1466](#)



- Length: 2600 mm
- Width: 35 mm

REF [111TP8066](#)



Length: 2700 mm

REF [111TP1467](#)



Sold per metre

REF [111TP1468](#)



- Length: 800 mm
- Width: 110 mm
- Height: 12 mm

REF [111TP8065](#)

See chapter Universal parts on page 708 for more parts.



JOYSTICKS

LEVIER DE COMMANDE - JOYSTICKS



2 x NO

[REF 111TP1475](#)



2 x NO – 2 x NC

[REF 111TP1476](#)

ROTARY/PUSH SWITCHES & PARTS

INTERRUPEURS ROTATIFS/POUSSOIRS & ACCESSOIRES - DREH-/DRUCKSCHALTER & ERSATZTEILE



Red

[REF 111TP9903](#) – 1 x NO
[REF 111TP1477](#) – 2 x NO



Black

[REF 111TP9904](#) – 1 x NO
[REF 111TP1478](#) – 2 x NO



- 2 positions (0-II)
- 2 x NO

[REF 111TP1479](#)



- 3 positions (II-0-I)
- 2 x NO

[REF 111TP1480](#)



- 3 positions (I-0-II)
- 2 x NO

[REF 111TP1481](#)



- 3 positions (II-0-II)
- 2 x NO

[REF 111TP1482](#)



ROTARY/PUSH SWITCHES & PARTS

INTERRUPEURS ROTATIFS/POUSSOIRS & ACCESSOIRES - DREH-/DRUCKSCHALTER & ERSATZTEILE



- 3 positions (II-0-II)
- 3 x NO

[**REF 111TP8087**](#)



- 4 positions (II-II-0-I)
- 2 x NO

[**REF 111TP8088**](#)



- 4 positions (II-II-0-I)
- 2 x NO – 1 x NC

[**REF 111TP8089**](#)



- Diameter: 21,5/27/30 mm
- Length: 53 mm

[**REF 111TP8072**](#)



- Voltage: 400 V
- Wattage: 3 W
- Length: 59 mm

[**REF 111TP8073**](#)



CONTACT ELEMENTS

BLOCS DE CONTACT – KONTAKTELEMENTE



1 x NO

[**REF 111TP1486**](#)



1 x NC

[**REF 111TP1487**](#)



1 x NO

[**REF 111TP9905**](#)



1 x NC

[**REF 111TP9906**](#)



1 x NO with holder

[**REF 111TP8555**](#)



1 x NC with holder

[**REF 111TP8074**](#)



Contact element, base fixation metal

[**REF 111TP8554**](#)



BATTERY/EMERGENCY SWITCHES & PARTS

COUPE BATTERIE/INTERRUPEURS D'ARRÊT D'URGENCE & ACCESSOIRES - BATTERIE-/NOTSTOPPSCHALTER & ERSATZTEILE



- Amperage: 100 A
- Thread: M10

[REF 111TP1488](#)



Used on REF [111TP1488](#)

[REF 111TP1489](#)



2 functions

[REF 111TP8090](#)



2 functions

[REF 111TP8556](#)



2 functions

[REF 111TP9907](#)

LIMIT/MICRO SWITCHES

INTERRUPEURS DE FIN DE COURSE - MICRORUPTEURS - END-/MIKROSCHALTER



- Amperage: 3 A
- Length: 395 mm
- IP67

[REF 111TP8075](#)

See chapter Universal parts on page 711 for more parts.



SENSORS & SWITCHES

CAPTEURS & INTERRUPEURS - SENSOREN & SCHALTER



- Length: 2000 mm
- Thread: M18 x 1 mm

[**REF 111TP1490**](#)



Length: 2500 mm

[**REF 111TP1491**](#)

CONTROL BOXES & PARTS

BITIERS DE CONTRLE & ACCESSOIRES - BEDIENKÄSTEN & ERSTAZTEILE



- Length: 260 mm
- Width: 150 mm

[**REF 111TP8070**](#)



- Length: 250 mm
- Width: 175 mm

[**REF 112TP9942**](#)

USED ON ANTEO



CONTROLLERS

COMMANDES - BEDIENUNGEN

**HYDEM**

Operate your tail lift with our high-quality hand controls available in 2- or 3-button configurations.

Your benefits:

- Maximum comfort, high productivity
- Unique ergonomic design
- Easy push system
- With magnet and ring for easy handling
- Rubber shock absorber
- Usable in cold and wet environments

Applications:

Tail lifts, winches, cranes to name a few

Specifications:

- Protection (IP): IP44 according to EN 60 529
- Contact type: Mafelec (push button)
- Max amperage: 10 A
- Operating temperature: -25 °C up to 60 °C
- Material: ABS plastic with rubber buffer
- Cable: polyurethane 3,5 metres working length

Available colours:

Orange, yellow, green, red and blue

Available in different colours and in 2- or 3-button configurations.

Ask for your quantity discount. All models are equipped with Mafelec switches.

2-button hand controls with cable and connector

Make	Colour	REF
Anteo	Blue	111TP5189

2-button hand controls without cable

Colour	REF
Orange	111TP5214
Blue	111TP5215
Red	111TP5216
Yellow	111TP5217
Green	111TP5218

3-button hand controls with cable and connector

Make	Colour	REF
Anteo	Blue	111TP5201

3-button hand controls without cable

Colour	REF
Orange	111TP5219
Blue	111TP5220
Yellow	111TP5221
Red	111TP5222
Green	111TP5223

CONTROLLERS

COMMANDES - BEDIENUNGEN



- 2 x NO
- Mafelec switch

REF [111TP8092](#)



- 1 x NO + 1 x NC
- Mafelec switch

REF [111TP8093](#)

See chapter Universal parts on page 712 for more parts.



FOOT CONTROLLERS & PARTS

COMMANDES AU PIED & ACCESSOIRES – FUSSSCHALTER & ERSATZTEILE



Neutral

[**REF 111TP1483**](#)



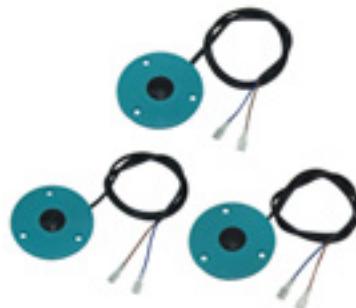
Up

[**REF 111TP1484**](#)



Down

[**REF 111TP1485**](#)



Kit

[**REF 111TP8067**](#)



Diameter: 50 mm

[**REF 111TP9902**](#)



Diameter: 22/75 mm – 3 x 5

[**REF 111TP8068**](#)

KEYS

CLÉS – SCHLÜSSEL



[**REF 111TP1492**](#)



KOSTAL CABLES

CÂBLES KOSTAL - KOSTALKABEL



- Length: 4000 mm
- Thread: M24 x 1 mm/M27 x 1 mm

REF [111TP1499](#)

CABLES & PARTS

CÂBLES DE BATTERIE - KABEL & ERSATZTEILE



Length: 6525 mm

REF [111TP8076](#)



CONNECTORS & PARTS

CONNECTEURS & ACCESSOIRES – STECKER & ERSATZTEILE



- 7-pole
- DIN 72577-ISO 1724

[**REF 111TP1500**](#)



- 7-pole
- DIN 72577-ISO 1724

[**REF 111TP1501**](#)



Amperage: 250 A

[**REF 111TP8096**](#)



Amperage: 250 A

[**REF 111TP8097**](#)



Hirschmann (GSA)

[**REF 111TP1502**](#)



Amperage: 250 A

[**REF 111TP9838**](#)

See chapter Universal parts on page 719 for more parts.



FLASHER LIGHTS & PARTS

LAMPES TORCHES & ACCESSOIRES – BLINKLEUCHTEN & ERSATZTEILE



Voltage: 12/24 V

REF [111TP1505](#)



- Voltage: 12/24 V
- HYDEM version
- Extra mounting plate

REF [111TP8598](#)



Voltage: 12/24 V

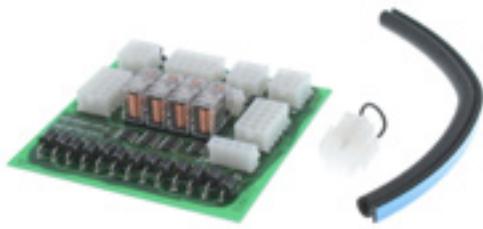
REF [111TP8094](#)

See chapter Universal parts on page 725 for more parts.

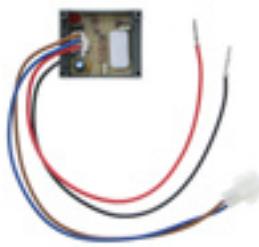


PRINTED CIRCUIT BOARDS/CONTROLLERS

CIRCUITS IMPRIMÉS/COMMANDES – LETTERPLATTEN/BEDIENUNGEN

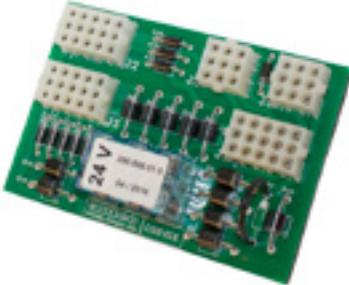


REF 111TP8077 – Voltage: 12 V
REF 111TP8078 – Voltage: 24 V



- Length: 54 mm
- Width: 44 mm

REF 111TP8079



- Control board 3 relays
- Voltage: 24 V

REF 112TP9943



- Remote control adapter case
- Voltage: 12 V

REF 112TP9945



Flasher unit

REF 112TP9944



USED ON ANTEO

RELAYS

RELAIS – RELAIS



Voltage	Amperage	Info	REF
12	30	NO/NC	111TP1506
24	20	NO/NC	111TP1507



Voltage	Amperage	REF
12	16	111TP8081
24	16	111TP8080

See chapter Universal parts on page 727 for more parts.

FUSES

FUSIBLES – SICHERUNGEN



For complete range see

Amperage	Colour	Info	REF
100	Yellow	Mega	111TP1508
175	White	Mega	111TP1509
200	Blue	Mega	111TP1510
225	Beige	Mega	111TP1511
250	Black	Mega	111TP8095

See chapter Universal parts on page 728 for more parts.

FUSE HOLDERS & PARTS

PORTE-FUSIBLES & ACCESSOIRES – SICHERUNGSHALTER & ERSATZTEILE



DIN 72581/med

[REF 111TP1512](#)

DIN 72581/med

[REF 111TP5259](#)

See chapter Universal parts on page 732 for more parts.

THYRISTORS & DIODES

THYRISTORS & DIODES – THYRISTOREN & DIODEN



Amperage: 6 A

[REF 111TP1513](#)



USED ON
BÄR CARGOLIFT

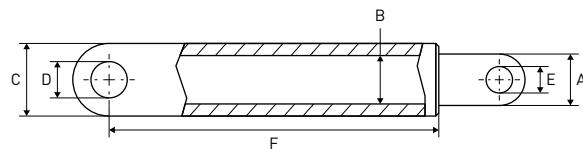
USED ON BÄR CARGOLIFT



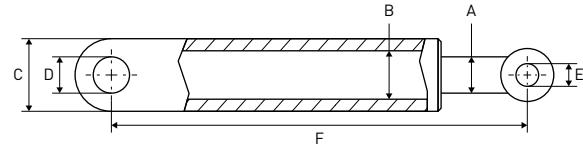
CYLINDERS - VÉRINS/CYLINDRES - ZYLINDER

LIFT CYLINDERS

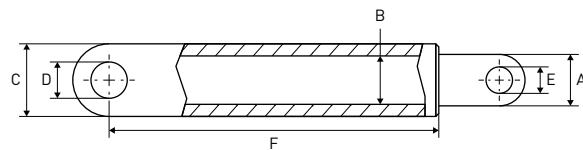
VÉRINS DE LEVAGE - HUBZYLINDER



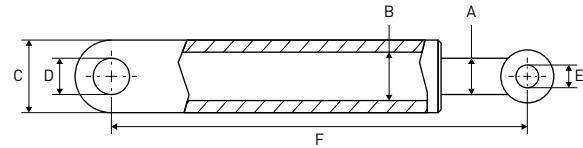
A mm	C mm	D mm	E mm	F mm	Info	REF
					Cylinder	Seal kit
50	65	30	30	440	BC 1000	111TP1514 112TP9964



A mm	C mm	D mm	E mm	F mm	Info	REF
					Cylinder	Seal kit
60	80	30	30	460	SX1 - 750/751	111TP1515 111TP1553



A mm	C mm	D mm	E mm	F mm	Info	REF
					Cylinder	Seal kit
60	75	35	35	540	BC 1500	111TP1516 111TP1552



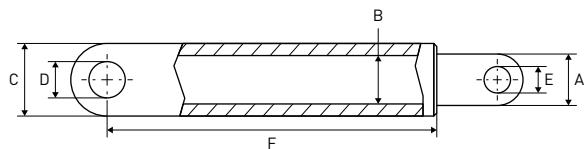
A mm	C mm	D mm	E mm	F mm	Info	REF
					Cylinder	Seal kit
70	90	35	30	522	SX1 - 1000	111TP1517 112TP9965

USED ON BÄR CARGOLIFT

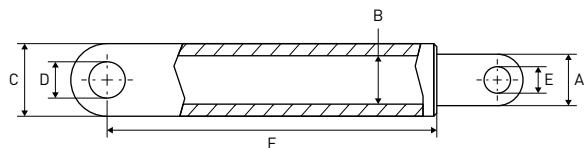


LIFT CYLINDERS

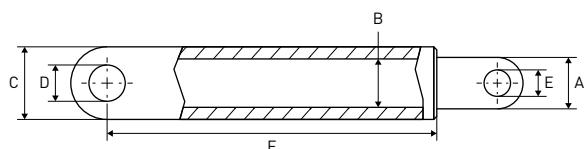
VÉRINS DE LEVAGE – HUBZYLINDER



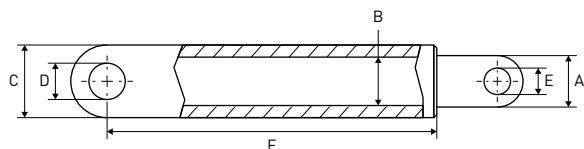
A mm	C mm	D mm	E mm	F mm	Info	REF	
						Cylinder	Seal kit
85	102	40	40	540	BC 1000 – 1500 – 2000	111TP1518	111TP1558



A mm	C mm	D mm	E mm	F mm	Info	REF	
						Cylinder	Seal kit
70	85	35	35	543	BC 2000	111TP1519	111TP1554



A mm	C mm	D mm	E mm	F mm	Info	REF	
						Cylinder	Seal kit
49,5	65	30	30	497	BC 1000S-44	111TP8098	111TP1546



A mm	C mm	D mm	E mm	F mm	Info	REF	
						Cylinder	Seal kit
70	85	35	35	500	BC 2000	111TP1520	111TP1554

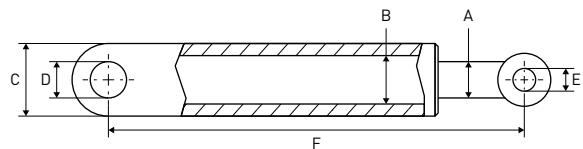
USED ON BÄR CARGOLIFT



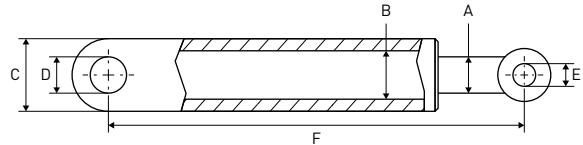
CYLINDERS - VÉRINS/CYLINDRES - ZYLINDER

TILT CYLINDERS

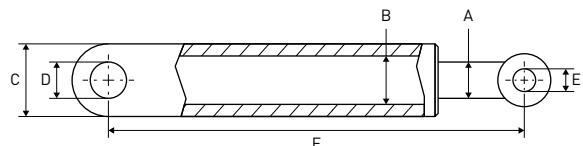
VÉRIN D'INCLINAISON - SCHLIESZYLINDER



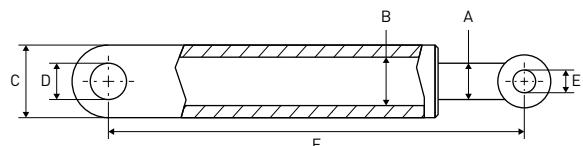
A mm	B mm	C mm	D mm	E mm	F mm	REF
				Cylinder	Seal kit	
36	50	60	30	M33 x 1,5	357	111TP1521 111TP1542



A mm	B mm	C mm	D mm	E mm	F mm	REF
				Cylinder	Seal kit	
40	60	70	35	M38 x 2	372	111TP1522 111TP1543



A mm	B mm	C mm	D mm	E mm	F mm	REF
				Cylinder	Seal kit	
45	80	90	35	M85	640	111TP1523 111TP1557



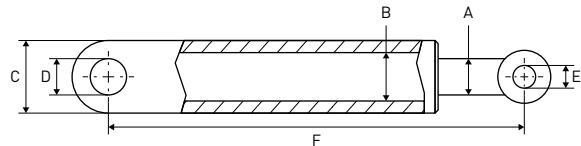
A mm	B mm	C mm	D mm	E mm	F mm	REF
				Cylinder	Seal kit	
50	70	82	35	M48 x 2	420	111TP1524 111TP1548

USED ON BÄR CARGOLIFT

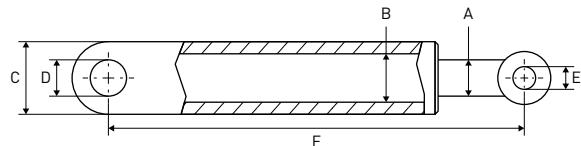


TILT CYLINDERS

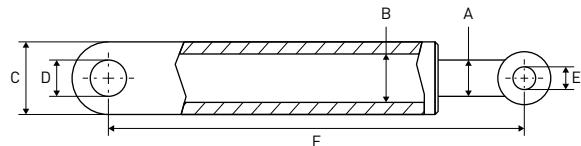
VÉRIN D'INCLINAISON – SCHLIESZYLINDER



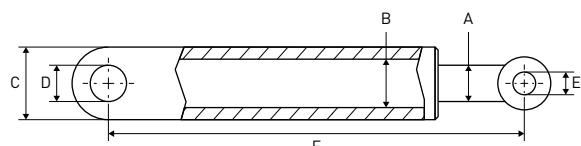
A mm	B mm	C mm	D mm	E mm	F mm	REF
				Cylinder	Seal kit	
50	70	82	35	M48 x 2	470	111TP1525 111TP1548



A mm	C mm	D mm	E mm	F mm	Info	REF
				Cylinder	Seal kit	
49,5	65	30	M36 x 1,5	446	BC 1000S-44	111TP8102 111TP1546



A mm	B mm	C mm	D mm	E mm	F mm	REF
				Cylinder	Seal kit	
40	70	80	30	M30	635	111TP8103 111TP1544



A mm	B mm	C mm	D mm	E mm	F mm	REF
				Cylinder	Seal kit	
50	90	105	40	M48 x 2	695	111TP8104 111TP1551

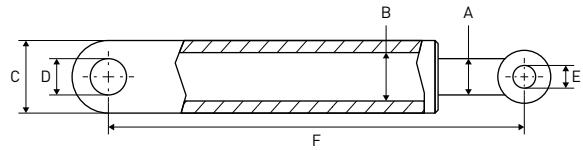
USED ON BÄR CARGOLIFT



CYLINDERS - VÉRINS/CYLINDRES - ZYLINDER

FOLD CYLINDERS

VÉRINS DE REPLIAGE - FALTZYLINDER



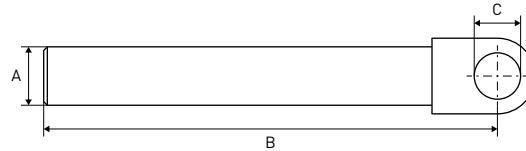
A mm	C mm	D mm	E mm	F mm	REF
				Cylinder	Seal kit
32	45	25	M16	319	111TP1526 111TP1541

USED ON BÄR CARGOLIFT

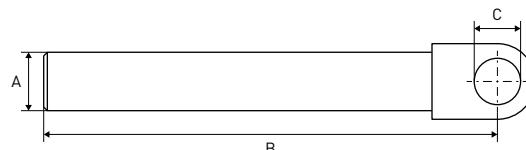


PISTON RODS

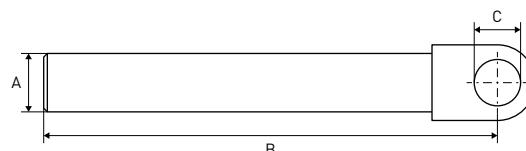
TIGES DE PISTON – KOLBENSTANGEN



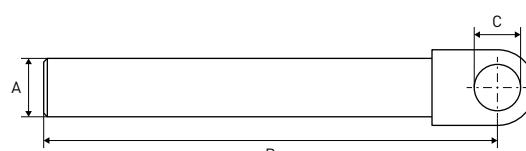
A mm	B mm	C mm	Info	REF
36	392	50	Used on cylinder: REF 111TP1521	111TP1527
40	424	60	Used on cylinder: REF 111TP1522	111TP1528
50	482	70	Used on cylinder: REF 111TP1524	111TP1529



A mm	B mm	C mm	Diameter mm	Info	REF
60	383	30	60	Used on cylinder: REF 111TP1515	111TP1530



A mm	B mm	C mm	Diameter mm	Info	REF
70	462	30	70	Used on cylinder: REF 111TP1517	111TP1531



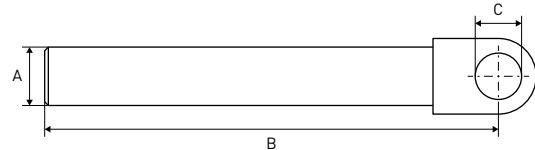
A mm	B mm	C mm	Info	REF
50	385	30	Used on cylinder: REF 111TP1514	111TP1532
60	495	35	Used on cylinder: REF 111TP1516	111TP1533
60	540	30		111TP1534
70	500	35	Cylinder used for REF 111TP1519	111TP1535

USED ON BÄR CARGOLIFT



PISTON RODS

TIGES DE PISTON - KOLBENSTANGEN



A mm	B mm	C mm	Info	REF
49,5	375	M36 x 1,5	Used on cylinder: REF 111TP8102	111TP8109



A mm	B mm	C mm	Info	REF
49,5	422	30	Used on cylinder: REF 111TP8090	111TP8110



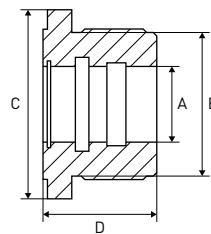
A mm	B mm	C mm	Info	REF
85	471	40	Used on cylinder: REF 111TP1518	111TP8111

USED ON BÄR CARGOLIFT



CYLINDER HEADS

CULASSES - ZYLINDERKÖPFE



	A mm	B mm	C mm	D mm	Info	REF
	36	50	58	46	Used on cylinder: REF 111TP1521	111TP1536
	40	60	60	42	Used on cylinder: REF 111TP1522	111TP1537
	40	70	80	45	Used on cylinder: REF 111TP8103	111TP1538
	45	80	90	63	Used on cylinder: REF 111TP1523	111TP1539
	50	70	70	42	Used on cylinder: REF 111TP1524	111TP1540

USED ON BÄR CARGOLIFT



SEAL KITS

KITS DE JOINTS - DICHTUNGSSÄTZE



Diameter: 32/40 mm

[REF 111TP1541](#)



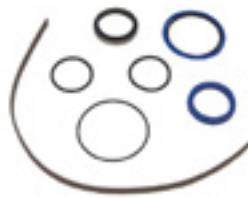
Diameter: 36/50 mm

[REF 111TP1542](#)



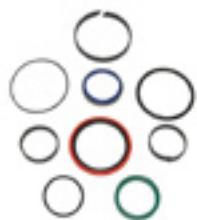
Diameter: 40/60 mm

[REF 111TP1543](#)



Diameter: 40/70 mm

[REF 111TP1544](#)



Diameter: 45/80 mm

[REF 111TP1545](#)



Diameter: 50/60 mm

[REF 111TP1546](#)



Diameter: 50/60 mm

[REF 111TP1547](#)



Diameter: 50/70 mm

[REF 111TP1548](#)



Diameter: 50/70 mm

[REF 111TP1549](#)



Diameter: 50/80 mm

[REF 111TP1550](#)

USED ON BÄR CARGOLIFT



SEAL KITS

KITS DE JOINTS – DICHTUNGSSÄTZE



Diameter: 50/90 mm

[REF 111TP1551](#)



Diameter: 60/62 mm

[REF 111TP8112](#)



Diameter: 60/70 mm

[REF 111TP1552](#)



Diameter: 60/70 mm

[REF 111TP1553](#)



Diameter: 70/80 mm

[REF 111TP1554](#)



Diameter: 70/80 mm

[REF 111TP1555](#)



Diameter: 70/80 mm

[REF 111TP1556](#)



Diameter: 70/80 mm

[REF 111TP8113](#)



Diameter: 80/45 mm

[REF 111TP1557](#)



Diameter: 85/95 mm

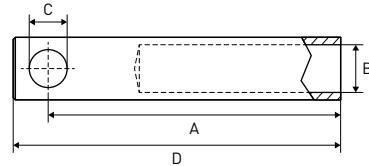
[REF 111TP1558](#)

USED ON BÄR CARGOLIFT

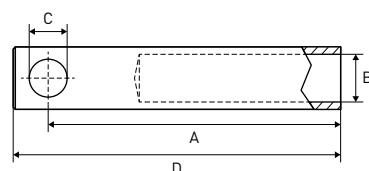


EXTENSIONS

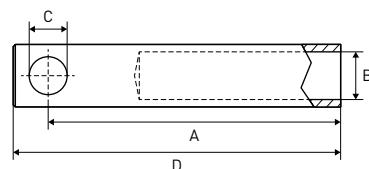
RALLONGES - VERLÄNGERUNG



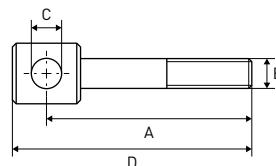
A mm	B mm	C mm	D mm	Info	REF
320	M38	35	356	AL800	111TP1559



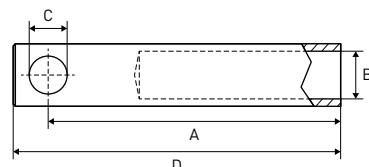
A mm	B mm	C mm	D mm	Info	REF
420	M38	35	456	AL900	111TP1560



A mm	B mm	C mm	D mm	Info	REF
520	M38	35	555	AL1000	111TP1561



A mm	B mm	C mm	D mm	Info	REF
70	M16	17	92	GE17	111TP1562



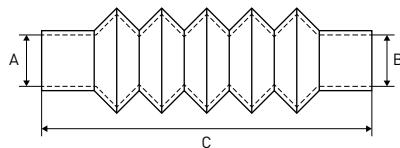
A mm	B mm	C mm	D mm	Info	REF
354	M48	35	390	AL900	111TP8114

USED ON BÄR CARGOLIFT

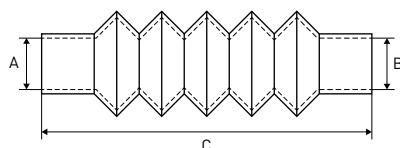


DUST COVERS

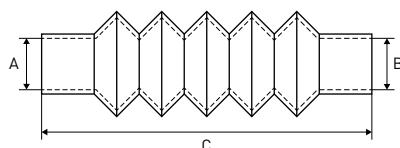
CACHE-POUSSIÈRE – STAUBKAPPE



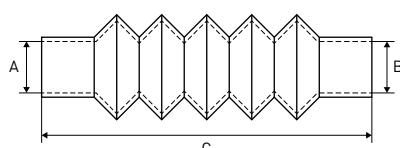
Diameter		Length	REF		
A mm	B mm	Min – C – Max mm	Cover	Clamp 1	Clamp 2
50	70	120 – 310 – 500	111TP1563	111TP4916	111TP4918



Diameter		Length	REF		
A mm	B mm	Min – C – Max mm	Cover	Clamp 1	Clamp 2
60	110	230 – 380 – 430	111TP1565	111TP5004	111TP4924



Diameter		Length	REF		
A mm	B mm	Min – C – Max mm	Cover	Clamp 1	Clamp 2
60	80	190 – 440 – 640	111TP1566	111TP5004	111TP5005



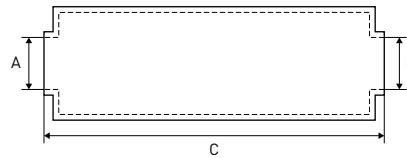
Diameter		Length	REF		
A mm	B mm	Min – C – Max mm	Cover	Clamp 1	Clamp 2
70	70	110 – 250 – 450	111TP1567	111TP5005	111TP5005

USED ON BÄR CARGOLIFT

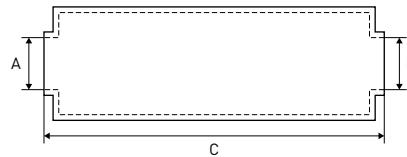


PROTECTIVE COVERS

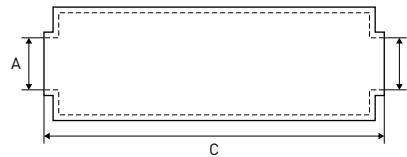
HOUSSES DE PROTECTION - SCHUTZROHRE



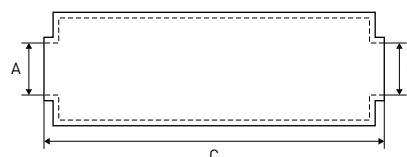
Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
55	80	320	111TP1568	111TP5004



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
55	85	180	111TP1569	111TP5004



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
85	115	300	111TP1571	111TP4999



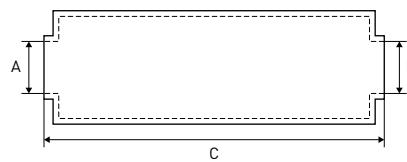
Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
70	110	310	111TP1572	111TP5004

USED ON BÄR CARGOLIFT

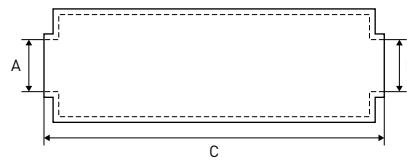


PROTECTIVE COVERS

HOUSSES DE PROTECTION – SCHUTZROHRE



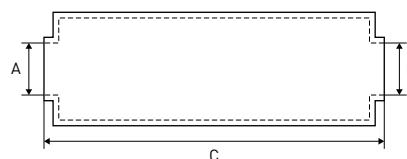
Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
85	100	300	111TP1573	111TP5005



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
70	100	320	111TP8115	111TP5005



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
70	95	322	111TP8116	111TP5005



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
50	70	300	111TP8117	111TP5005

USED ON BÄR CARGOLIFT

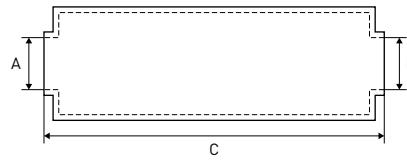


PROTECTIVE COVERS

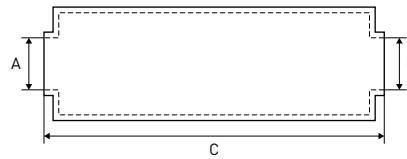
HOUSSES DE PROTECTION - SCHUTZROHRE



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
65	90	220	111TP8118	111TP5004



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
85	115	340	111TP8119	111TP5005



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
50	70	290	111TP8120	111TP5005

USED ON BÄR CARGOLIFT



SEALS

JOINTS – DICHTUNGEN



Thread	Dimensions	REF
M10	10,7 x 16,08 x 1,5 mm	111TP1574

Diameter	Length	REF
4,5 mm	1005 mm	111TP1575

O-RINGS

JOINTS TORIQUES – O-RINGE



Diameter mm	Thickness mm	REF
9,2	1,7	111TP1576
17	2	111TP1577
17,3	2,4	111TP1578
26	2	111TP1579
28	2	111TP1580
29,8	1,7	111TP1581
30	3,5	111TP1582
33	3,5	111TP1583
34	3	111TP1584
40	1,5	111TP1585
40	2	111TP1586
40,6	5,3	111TP1587
47	5,3	111TP1588
60	3	111TP1589
63	3,5	111TP1590
101,1	3,5	111TP1591
247	2	111TP1592

See chapter Universal parts on page 694 for more parts.

QUAD RINGS

JOINTS QUADRILOBES – QUAD-RINGE



Diameter mm	Thickness mm	REF
29,5	5,3	111TP1593
29,8	2,6	111TP1594
34,2	5,3	111TP1595
34,5	2,6	111TP1596

USED ON BÄR CARGOLIFT



DC HYDRAULIC POWER UNITS

GROUPE HYDRAULIQUE DC – DC HYDRAULIKAGGREGAT



Voltage	kW	REF
12	0,8	112TP9812



Voltage	kW	REF
12	1,6	111TP9779
24	2,5	111TP9780

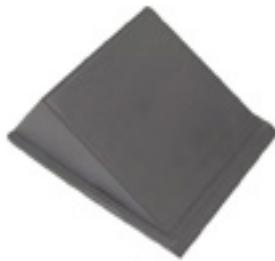


Voltage	kW	REF
12	1,6	111TP9781
24	2,2	111TP9782

See chapter Universal parts on page 697 for more parts.

COVERS

COUVERCLES – ABDECKUNGEN



Length mm	Height mm	Width mm	REF
315	140	260	111TP1597

USED ON BÄR CARGOLIFT



TANKS & OIL RESERVOIRS

RÉSERVOIRS (D'HUILE) - TANKS & ÖLBEHÄLTER



Length mm	Height mm	Width mm	REF
245	147	150	111TP1598



Length mm	Diameter mm	Volume l	REF
200	85	2	111TP8125



Length mm	Diameter mm	Volume l	REF
305	85	2,5	111TP1599



Length mm	Diameter mm	Volume l	REF
325	110	2,9	111TP1600



Length mm	Diameter mm	Volume l	REF
560	110	5,4	111TP1601



Length mm	Diameter mm	Volume l	REF
675	110	6,6	111TP1602



Length mm	Diameter mm	Volume l	REF
895	110	8,9	111TP1603



Length mm	Diameter mm	Volume l	REF
570	120	5,5	111TP1604



Length mm	Diameter mm	Volume l	REF
360	120	3,5	111TP8124

USED ON BÄR CARGOLIFT



FILTERS & BREATHERS

FILTRES & RENIFLARDS - FILTER & ENTLÜFTER



- Diameter: 63 mm
- 104 µ

[**REF 111TP1605**](#)



- Diameter: 63 mm
- 104 µ

[**REF 111TP7738**](#)



- Diameter: 37 mm
- Length: 43 mm

[**REF 111TP1606**](#)



- Diameter: 26/47,5 mm
- Thread: 3/4" BSP

[**REF 111TP1607**](#)



- Diameter: 21/42 mm
- Thread: 1/2" BSP

[**REF 111TP8126**](#)

DRAIN PLUGS

BOUCHONS DE VIDANGE - ABLASSSCHRAUBEN



Thread: 3/8" BSP

[**REF 111TP1608**](#)

USED ON BÄR CARGOLIFT



ELECTRIC MOTORS

MOTEURS ÉLECTRIQUES - ELEKTROMOTOREN



Voltage	kW	Rotation	REF
12	0,8	<< CCW	111TP1611
24	1,2	<< CCW	111TP1613

Voltage	kW	Rotation	REF
12	2	<< CCW	111TP1612
24	2	<< CCW	111TP1614



Voltage	kW	Rotation	REF
12	1,7	CW >>	111TP8128
24	2,2	CW >>	111TP1615

Voltage	kW	Rotation	REF
12	1,5	CW >>	111TP8129
24	2,2	CW >>	111TP1616



Voltage	kW	Rotation	REF
24	2,2	CW >>	111TP1617

Voltage	kW	Rotation	REF
24	3	CW >>	111TP1618



Voltage	kW	Rotation	REF
12	2	<< CCW	111TP1619
24	2	<< CCW	111TP1621

Voltage	kW	Rotation	REF
24	2	CW >>	111TP1620



Voltage	kW	Rotation	REF
24	2	<< CCW	111TP8130

See chapter Universal parts on page 735 for more parts.

USED ON BÄR CARGOLIFT



HYDRAULIC PUMPS

POMPES HYDRAULIQUES - HYDRAULIKPUMPEN



CC	Rotation	REF
1,2	CW >>	111TP1622
2	CW >>	111TP1623
2,5	CW >>	111TP1624
3,2	CW >>	111TP1625



CC	Rotation	REF
1,2	<< CCW	111TP1626
2	<< CCW	111TP1627
2,5	<< CCW	111TP1628



CC	Rotation	REF
1,2	CW >>	111TP1629
2	CW >>	111TP1630
2,5	CW >>	111TP1631



CC	Rotation	REF
0,6	CW >>	111TP8131



CC	Rotation	REF
0,8	CW >>	111TP1632
1	CW >>	111TP1633



CC	Rotation	REF
3	<< CCW	111TP1634



CC	Rotation	REF
2	<< CCW	111TP1635



CC	Rotation	REF
2	<< CCW	111TP1636

USED ON BÄR CARGOLIFT



HYDRAULIC PUMPS

POMPES HYDRAULIQUES - HYDRAULIKPUMPEN



CC	Rotation	REF
1,2	<< CCW	111TP1637



CC	Rotation	REF
1,2	<< CCW	111TP1638

See chapter Universal parts on page 699 for more parts.

ELECTRIC MOTORS WITH PUMP

MOTEURS ÉLECTRIQUES AVEC POMPE - ELEKTROMOTOREN MIT PUMPE



Voltage	kW	CC	REF
24	2	1,2	111TP1653



Voltage	kW	CC	REF
24	2	2	111TP1654



Voltage	kW	CC	REF
24	2,2	1,2	111TP1655



Voltage	kW	CC	REF
24	3	3	111TP1656

See chapter Universal parts on page 700 for more parts.

USED ON BÄR CARGOLIFT



SOLENOID SWITCHES/CONTACTORS

SOLÉNOÏDES/CONTACTEURS - MAGNETSCHALTER/SCHÜTZE

	Amperage	REF	
		12 V	24 V
	100	111TP1639	111TP1640
	100	112TP9813	
	100	111TP1641	111TP1642
	150	111TP1643	111TP1644
	150	111TP1645	111TP1646
	150	112TP9814	112TP9815
	100	112TP9816	

See chapter Universal parts on page 701 for more parts.

USED ON BÄR CARGOLIFT



COUPLERS

COUPLEURS – KUPPLUNGEN



Diameter mm	Height mm	REF
20	12	111TP1647



Diameter mm	Height mm	REF
14	13	111TP1648



Diameter mm	Height mm	REF
15	37	111TP1649



Diameter mm	Height mm	REF
18	23	111TP8132



Diameter mm	Height mm	REF
18	14,5	112TP9817

See chapter Universal parts on page 702 for more parts.

USED ON BÄR CARGOLIFT



BRUSHES

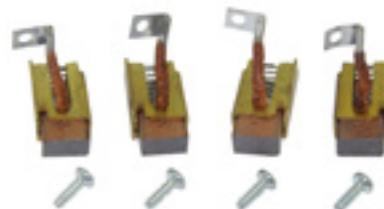
BALAIS - KOHLEBÜRSTEN



Dimensions: 12,5 x 7,3 x 19,2 mm

REF 111TP1650 – Voltage: 12 V

REF 111TP1651 – Voltage: 24 V



Dimensions: 15,8 x 8,9 x 15,8 mm

REF 111TP1223 – Voltage: 24 V



Dimensions: 19,9 x 9,3 x 22 mm

REF 111TP8133 – Voltage: 12 V



Dimensions: 9,9 x 9,3 x 22 mm

REF 111TP1652 – Voltage: 12/24 V

BEARINGS

ROULEMENTS - LAGER



Diameter mm	Height mm	REF
12/32	10	111TP1657
15/35	11	111TP1658

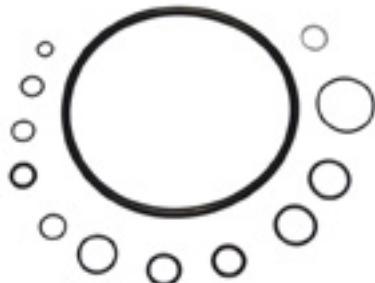
See chapter Universal parts on page 735 for more parts.

USED ON BÄR CARGOLIFT



SEAL KITS

KITS DE JOINTS – DICHTUNGSSÄTZE



Contains:

- 1 x 6,35 mm
- 1 x 9,25 mm
- 1 x 9,5 mm
- 1 x 10 mm
- 1 x 10,6 mm
- 1 x 110,50 mm
- 1 x 12 mm
- 1 x 12,3 mm
- 1 x 16 mm
- 1 x 16,4 mm
- 1 x 28,3 mm

REF [111TP1659](#)

GUMMY ELEMENT

ÉLÉMENT CAOUTCHOUC – GUMMIELEMENTE



- Diameter: 80/94 mm
- Height: 40 mm

REF [111TP1660](#)

CLAMPS

PINCES – KLAMMERN



Diameter mm	Height mm	REF
180	9	111TP1661

See chapter Universal parts on page 704 for more parts.

USED ON BÄR CARGOLIFT



HOSES

TUYAUX - SCHLÄUCHE



Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	mm	mm		
1/4	6,4	680	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP1662
1/4	6,4	750	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP1663
1/4	6,4	800	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP1664
1/4	6,4	900	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP1665
1/4	6,4	1150	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP1666
1/4	6,4	1500	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP1667
1/4	6,4	1650	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP1668
1/4	6,4	1800	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP1669
1/4	6,4	2000	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP1671
1/4	6,4	682	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP1670



Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	mm	mm		
8	4	700	MSFO - M12 x 1,5	MSFO 90S - M12 x 1,5	-40-100 °C	111TP1672
8	4	800	MSFO - M12 x 1,5	MSFO 90S - M12 x 1,5	-40-100 °C	111TP1673
8	4	900	MSFO - M12 x 1,5	MSFO 90S - M12 x 1,5	-40-100 °C	111TP1674
8	4	930	MSFO - M12 x 1,5	MSFO 90S - M12 x 1,5	-40-100 °C	111TP1675
8	4	1560	MSFO - M12 x 1,5	MSFO 90S - M12 x 1,5	-40-100 °C	111TP1676
8	4	2260	MSFO - M12 x 1,5	MSFO 90S - M12 x 1,5	-40-100 °C	111TP1677



Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	mm	mm		
2	5	520	MSFO - M12 x 1,5	MSFO - M12 x 1,5	-40-100 °C	111TP1678

USED ON BÄR CARGOLIFT



HOSES

TUYAUX - SCHLÄUCHE



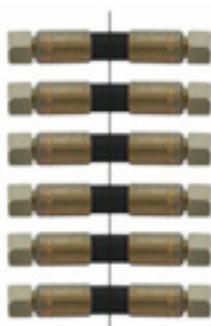
Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	mm	mm		
1/4	6,4	840	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP1679



Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	mm	mm		
1/4	6,4	900	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP1680
1/4	6,4	1000	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP1681
1/4	6,4	1270	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP1682
1/4	6,4	2150	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP1683

HOSE SETS

KITS DE TUYAUX - SCHLAUCHSETS



Diameter: 1/4"

Contains:

- 2 x 1150 mm
- 4 x 900 mm

REF [111TP1684](#)



FITTINGS

RACCORDS - KUPPLUNGEN



- Diameter: 1/4"
- Length: 40 mm
- Thread: M16 x 1,5 mm

[REF 111TP1685](#)



Thread: M16 x 1,5 mm

[REF 111TP1686](#)



- Diameter: 1/8" BSP/T
- Thread: M12 x 1,5 mm

[REF 111TP8135](#)



- Length: 60 mm
- Thread: M16 x 1,5 mm

[REF 111TP8136](#)

USED ON BÄR CARGOLIFT



SOLENOID VALVES

ÉLECTROVANNES - MAGNETVENTILE

	Type	Diameter mm	Thread mm	REF 12 V	REF 24 V
	2/2	15	M20 x 1,5	111TP1687	111TP1688
	2/2	15	M20 x 1,5	111TP1689	111TP1690
	4/2	13,8 – 15,3 – 16,8	M20 x 1,5	111TP1691	111TP1692

CARTRIDGES

CARTOUCHES - PATRONEN

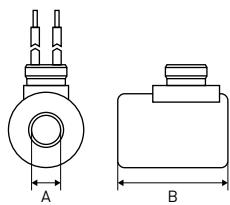
	Type	Diameter mm	Thread mm	REF
	2/2	15	M20 x 1,5	111TP1693
	4/2	13,8 – 15,3 – 16,8	M20 x 1,5	111TP1694
	2/2	15	M20 x 1,5	111TP1695

USED ON BÄR CARGOLIFT

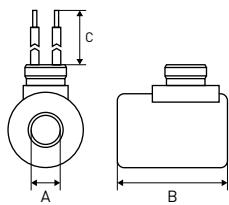


COILS

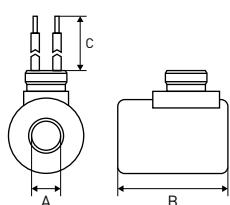
BOBINES - SPULEN



Voltage	A mm	B mm	Thread mm	REF
12	18	40	M27 x 1	111TP1696
24	18	40	M27 x 1	111TP1697



Voltage	A mm	B mm	C mm	REF
12	18	40	3000	111TP1698
24	18	40	3000	111TP1699



Voltage	A mm	B mm	C mm	REF
12	18	40	5500	111TP1700
24	18	40	5500	111TP1701

VALVE BLOCKS

BOÎTIERS À SOUPAPES - VENTILBLÖCKE



- Length: 90 mm
- Height: 45 mm
- Width: 90 mm

[REF 111TP1609](#)



- Length: 90 mm
- Height: 45 mm
- Width: 90 mm

[REF 111TP1610](#)



- Length: 150 mm
- Height: 45 mm
- Width: 120 mm

[REF 111TP8127](#)



REGULATING VALVES

SOUPAPES DE RÉGULATION – REGELVENTILE



Diameter Inch	Info	REF
1/4	5,6 l/min	111TP1702

VALVES & SWITCHES

SOUPAPES & INTERRUPEURS – VENTILE & SCHALTER



50–250 bar

[REF 111TP1704](#)



- Length: 310 mm
- NC 5 bar

[REF 111TP1705](#)



- Thread: M10
- 5 bar

[REF 111TP1706](#)



- Thread: 1/4" BSP
- 80G

[REF 111TP1707](#)



- Length: 63 mm
- Thread: M18 x 1,5 mm

[REF 111TP8139](#)



- Length: 104 mm
- Thread: M10
- X1A – SX1

[REF 111TP1708](#)

USED ON BÄR CARGOLIFT



COILS & VALVES - BOBBINES & SOUPAPES - SPULEN & VENTILE

SHUTTLE VALVES

VALVE À DEUX VOIES - WECHSELVENTIL



- Diameter: 1/4"
- 5 l/min

[REF 112TP9853](#)



2 l/min

[REF 112TP9854](#)



Diameter: 1/4"

[REF 111TP1703](#)



3 l/min

[REF 112TP9855](#)



6,6 l/min

[REF 112TP9856](#)

NUTS

ÉCROUS - MUTTERN



Thread: M18 x 1,5 mm

[REF 111TP1709](#)

USED ON BÄR CARGOLIFT

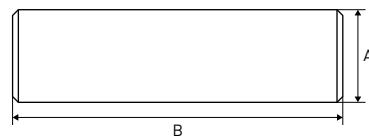


PINS

AXES - ACHSEN



A mm	B mm	Thread mm	REF
30	100	M10 x 1	111TP1710
30	103	M10 x 1	111TP8141
30	165	M10 x 1	111TP8142
35	90	M10 x 1	111TP1711
35	100	M10 x 1	111TP1712
35	102	M10 x 1	111TP1713
35	107	M10 x 1	111TP1714



A mm	B mm	Thread mm	REF
30	103	M10 x 1	111TP8144
35	110	M10 x 1	111TP1715
35	112	M10 x 1	111TP1716
35	127	M10 x 1	111TP1717
40	130	M10 x 1	111TP1718



A mm	B mm	REF
30	84	111TP1719
35	129	111TP1720
40	130	111TP1721

USED ON BÄR CARGOLIFT



PINS

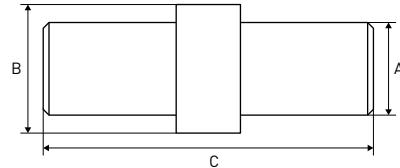
AXES - ACHSEN



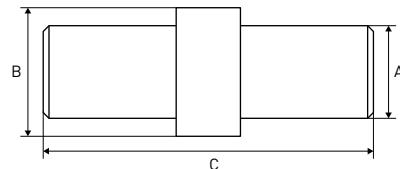
A mm	B mm	C mm	Thread mm	REF
30	35	141	M10 x 1	111TP1722
30	35	145	M10 x 1	111TP1724
30	35	156	M10 x 1	111TP1723
30	40	175	M8 x 1	111TP8143



A mm	B mm	REF
35	82	111TP1725
40	44	111TP1726
40	46	111TP1727



A mm	B mm	C mm	REF
30	35	140	111TP8140



A mm	B mm	C mm	Thread mm	REF
30	35	155	M10 x 1	111TP1728

USED ON BÄR CARGOLIFT



PINS

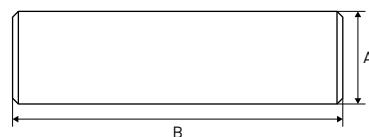
AXES - ACHSEN



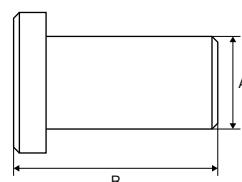
A mm	B mm	REF
30	120	111TP1729
30	125	111TP1730



A mm	B mm	Thread mm	REF
35	180	M10 x 1	111TP1731



A mm	B mm	REF
35	135	111TP1732



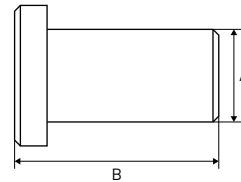
A mm	B mm	Thread mm	REF
35/50	233	M16 x 2	111TP1733

USED ON BÄR CARGOLIFT

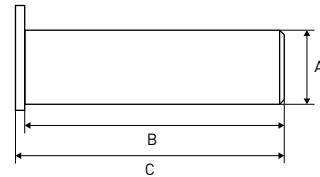


PINS

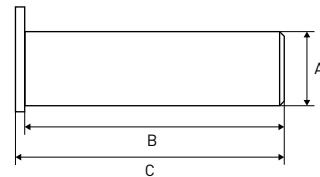
AXES - ACHSEN



A mm	B mm	Thread mm	REF
35/45	107	M6 x 1	111TP1734



A mm	B mm	REF
30	165	111TP1735
35	125	111TP1736
35	147	111TP1737
35	205	111TP1738



A mm	B mm	REF
30	80	111TP1739
30	139	111TP1740
30	170	111TP1741
35	86	111TP1742
35	172	111TP1743
40	90	111TP1744

USED ON BÄR CARGOLIFT



PIN SETS

KITS D'AXES - ACHSENSETS



Contains:

- 1 x Ø 35 x 113 mm
- 1 x Ø 40 x 129 mm

REF [111TP1745](#)



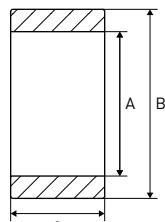
Contains:

- 4 x Ø 40 x 46 mm
- 4 x Ø 35 x 125 mm
- 2 x Ø 35 x 95 mm
- 2 x Ø 35 x 145 mm
- 2 x Ø 35 x 110 mm
- 2 x Ø 35 x 112 mm

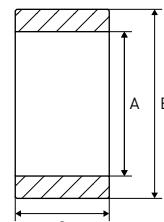
REF [111TP8146](#)

PLATFORM ROLLERS

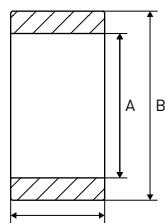
GALETS DE HAYON - PLATTFORMROLLEN



A mm	B mm	C mm	REF
10	80	30	111TP1749



A mm	B mm	C mm	REF
30,5	90	49	111TP1750



A mm	B mm	C mm	REF
30	80	50	111TP1746
30	100	50	111TP1747
35	80	46	111TP1748
45	100	20	111TP5064

USED ON BÄR CARGOLIFT



PLATFORM ROLLER SETS

KITS DE GALETS DE HAYON - PLATTFORMROLLENSETS



Contains:

- 2 x Ø 30 x 100 x 50 mm
- 2 x Ø 35 x 112 mm
- 2 x Ø 35 x 145 mm

[REF 111TP1751](#)



Contains:

- 2 x Ø 30/90 x 45 mm
- 2 x Ø 30 x 139 mm

[REF 111TP1752](#)



Contains:

- 3 x Ø 35/100 x 20 mm
- 1 x Ø 35 x 84
- 2 x Ø 35 x 180 mm

[REF 111TP1753](#)



Contains:

- 2 x Ø 100 mm
- 1 x Ø 35 x 113 mm
- 2 x Ø 35 x 156 mm

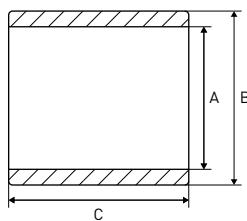
[REF 111TP8145](#)

USED ON BÄR CARGOLIFT

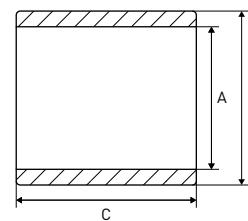


BUSHINGS

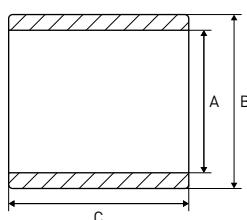
BAGUES - BUCHSEN



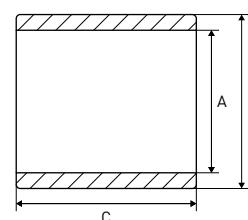
A mm	B mm	C mm	REF
30	35	50	111TP1754
35	39	50	111TP8147
35	42	50	111TP1755



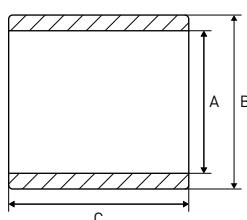
A mm	B mm	C mm	REF
30	35	40	111TP1756
30	35	50	111TP1757
30	35	65	111TP1758
35	40	40	111TP1759
35	40	50	111TP1760
35	40	65	111TP1761



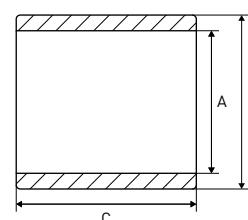
A mm	B mm	C mm	REF
40	45	80	111TP1762



A mm	B mm	C mm	Info	REF
30	34	30	DX	111TP1763
30	34	40	DX	112TP9852
40	44	20	DX	111TP1764
40	44	40	DX	111TP1765



A mm	B mm	C mm	REF
30	36	40	111TP1766
30	38	42	111TP8148



A mm	B mm	C mm	REF
35	42	52,5	111TP1767

See chapter Universal parts on page 705 for more parts.

USED ON BÄR CARGOLIFT



DISTANCE RINGS

BAGUES D'ÉCARTEMENT - ABSTANDSRINGE



- Diameter: 16/45/55 mm
- Thread: 21 mm

REF [111TP1770](#)

Mounting kit

REF [111TP8159](#)

EYE BOLTS

BOULONS À CEIL - RINGSCHRAUBEN



Diameter mm	Length mm	REF
8	50	111TP8149
8	70	111TP2795
10	50	111TP1771
12	60	111TP1772

GE BEARINGS

ROULEMENTS AUTO-ALIGNEURS - GELENKLAGER



- Diameter: 17/30 mm
- Thread: 14 mm

REF [111TP1768](#)

- Diameter: 25/42 mm
- Thread: 20 mm

REF [111TP1769](#)

USED ON BÄR CARGOLIFT



ROLL STOPS & PARTS

BUTÉES DE ROUES & ACCESSOIRES - ABROLLSICHERUNGEN & ERSATZTEILE



80 x 80 x 4 mm

REF [111TP3662](#)



- Length: 849 mm
- Height: 17,5 mm
- Width: 82 mm

REF [111TP1803](#)



- Length: 800 mm
- Height: 10 mm
- Width: 92 mm

REF [111TP8163](#)



- Diameter: 12 mm
- Length: 930 mm

REF [111TP1781](#)



- Diameter: 12 mm
- Length: 1100 mm

REF [111TP8162](#)



- Length: 2300 mm
- Height: 63 mm
- Width: 87 mm

REF [111TP1802](#)



- Length: 745 mm
- Height: 10 mm
- Width: 70 mm

REF [111TP1804](#)



Trolley stop RX

REF [111TP1780](#)



- Diameter: 12 mm
- Length: 47 mm
- Height: 22 mm

REF [111TP8161](#)

USED ON BÄR CARGOLIFT



SPRINGS & GAS SPRINGS

RESSORTS & VÉRINS À GAZ - FEDERN & GASDRUCKFEDERN



Diameter mm	Thickness mm	REF
18	2,3	111TP1782



Diameter mm	Thickness mm	REF
19	3	111TP1783



Diameter mm	Length mm	REF
11	23	112TP9851



Diameter mm	Length mm	Info	REF
20	40	3000N	111TP1784



Diameter mm	Length mm	Info	REF
11	1040	Right	111TP1785



Diameter mm	Dimensions mm	REF
4	85 x 85	111TP3662



Diameter mm	Length mm	REF
44,5	505	111TP8150



Diameter mm	Length mm	REF
38	65	111TP8160

See chapter Universal parts on page 707 for more parts.

USED ON BÄR CARGOLIFT



BUMPERS & BUFFERS

PARE-CHOCS & BUTOIRS - STOSSDÄMPFER & -PUFFER



- Diameter: 30 mm
- Length: 36 mm
- Thread: M8

REF [111TP1786](#)

SLIDER BLOCKS, ROLLERS & WEAR PLATES

BLOCS DE DÉFILEMENT, GALETS & PLAQUES D'USURE - GLEITBLÖCKE, LAUFROLLEN & VERSCHLEISSPLATTEN



- Length: 60 mm
- Thread: M16
- Width: 40 mm

REF [111TP8151](#)



- Length: 135 mm
- Height: 20 mm
- Width: 60 mm

REF [111TP8152](#)



- Length: 135 mm
- Height: 20 mm
- Width: 60 mm

REF [111TP8153](#)

USED ON BÄR CARGOLIFT



CAPS

BOUCHONS - DECKEL



- Length: 120 mm
- Height: 22 mm
- Width: 80 mm

[REF 111TP1787](#)



- Length: 175 mm
- Height: 40 mm
- Width: 175 mm

[REF 111TP1788](#)



- Length: 210 mm
- Height: 40 mm
- Width: 210 mm

[REF 111TP1789](#)



- [REF 111TP1790](#) – Diameter: 113,5 mm
[REF 111TP1791](#) – Diameter: 114,3 mm
[REF 111TP1792](#) – Diameter: 127 mm



[REF 111TP1793](#) – Diameter: 40 mm

[REF 111TP1794](#) – Diameter: 80 mm



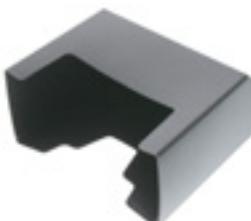
- Diameter: 30 mm
- Length: 126 mm
- Height: 50 mm
- Width: 115 mm

[REF 111TP8123](#)



- Length: 650 mm
- Height: 280 mm
- Width: 550 mm

[REF 111TP8154](#)



- Length: 160 mm
- Height: 105 mm
- Width: 155 mm

[REF 111TP8155](#)



Length: 395 mm

[REF 111TP8209](#)

See chapter Universal parts on page 707 for more parts.

USED ON BÄR CARGOLIFT



PLATFORM LOCKS

VERROUILLAGE DE PLATEFORME - PLATTFORMVERSCHLÜSSE



Length: 120 mm

[REF 111TP1820](#)

PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



- Length: 135 mm
- Height: 20 mm
- Width: 60 mm

[REF 111TP1799](#)



- Length: 78 mm
- Height: 10 mm
- Width: 50 mm

[REF 111TP1795](#)



- Diameter: 20 mm
- Height: 10 mm

[REF 111TP1796](#)



- Holes: 4 x Ø 17 mm
- Length: 150 mm
- Height: 147 mm
- Width: 93 mm

[REF 111TP1797](#)



- Holes: 6 x Ø 17 mm
- Length: 205 mm
- Height: 108 mm
- Width: 93 mm

[REF 111TP1798](#)



- Length: 2770 mm
- Height: 10 mm
- Width: 28 mm

[REF 111TP1800](#)

USED ON BÄR CARGOLIFT



MECHANICAL PARTS - PIÈCES MÉCANIQUES - MECHANISCHE ERSTATZTEILE

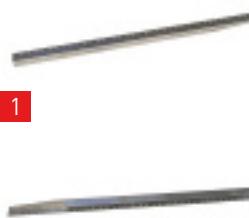
PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



- Length: 2550 mm
- Height: 26 mm
- Width: 65 mm

[REF 111TP1801](#)



- Length: 1508 mm
- Height: 48 mm
- Width: 65 mm

1. [REF 111TP1806](#) - LH
2. [REF 111TP1805](#) - RH



- Holes: 17/52 mm

1. [REF 111TP1808](#) - LH
2. [REF 111TP1807](#) - RH



- Length: 1150 mm
- 1/2"

[REF 111TP1809](#)



1/2"

[REF 111TP1810](#)



BS

[REF 111TP1811](#)



- Diameter: 30 mm
- Length: 975 mm

[REF 111TP1812](#)



- Diameter: 20/40 mm
- Length: 75 mm

[REF 111TP1814](#)



- Diameter: 20/40 mm
- Length: 75 mm

[REF 111TP1815](#)



Length: 2810 mm

[REF 111TP1816](#)

USED ON BÄR CARGOLIFT



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



Length: 2515 mm

[REF 111TP1817](#)



- Diameter: 6–12 mm
- Length: 85 mm
- Thread: M6 x 1 mm

[REF 111TP8156](#)



- Diameter: 4 x Ø 12 mm
- Length: 565 mm
- Height: 80 mm
- Width: 120 mm

[REF 111TP8157](#)



- Diameter: 30/46 mm
- Length: 43,5 mm

[REF 111TP8158](#)



- Length: 400 mm
- Width: 250 mm
- § 53b Abs, 5 StVZO
- TÜV/CE with certificate

[REF 111TP1319](#)



- Length: 400 mm
- Width: 250 mm
- § 53b Abs, 5 StVZO
- TÜV/CE with certificate

[REF 111TP1320](#)



Diameter: 30/46/75 mm

[REF 111TP1818](#)



- Length: 212 mm
- Height: 25 mm
- Width: 153 mm

[REF 111TP1819](#)

See chapter Universal parts on page 708 for more parts.



GREASE FITTINGS & CAPS

RACCORDS DE GRAISSAGE & BOUCHONS - SCHMIERNIPPEL & SCHUTZKAPPEN



Type thread mm	Info	REF
M10 x 1	90°	111TP1822



Type thread mm	Info	REF
M6 x 1	180°	111TP1821



Type thread mm	Info	REF
M10 x 1	180°	111TP1823



Diameter mm	REF
6	111TP1824

See chapter Universal parts on page 710 for more parts.

USED ON BÄR CARGOLIFT



JOYSTICKS

LEVIER DE COMMANDE - JOYSTICKS



R2

[**REF 111TP1825**](#)



L2

[**REF 111TP1826**](#)



R4

[**REF 111TP1827**](#)



L4

[**REF 111TP1828**](#)



Only housing

[**REF 111TP1830**](#)



Without contact block

[**REF 111TP1829**](#)



Two points

[**REF 111TP1872**](#)



ROTARY/PUSH SWITCHES & PARTS

INTERRUPEURS ROTATIFS/POUSSOIRS & ACCESSOIRES - DREH-/DRUCKSCHALTER & ERSATZTEILE



Voltage: 12/24 V

REF [111TP1831](#)



- Voltage: 24 V
- S/S4

REF [111TP1832](#)



REF [111TP8168](#) – Voltage: 12 V

REF [111TP1833](#) – Voltage: 24 V

USED ON BÄR CARGOLIFT



CONTACT ELEMENTS

BLOCS DE CONTACT - KONTAKTELEMENTE



11/12/23/24

[REF 111TP1853](#)



31/32/43/44

[REF 111TP1854](#)



11/12/23/24

[REF 111TP1855](#)



51/52/63/64

[REF 111TP1856](#)



Universal contact block

[REF 111TP8572](#)



31/32/43/44

[REF 111TP1852](#)

LIMIT/MICRO SWITCHES

INTERRUPEURS DE FIN DE COURSE/MICRORUPTEURS - END-/MIKROSCHALTER



Set

[REF 111TP1857](#)



IP65

[REF 111TP1858](#)

See chapter Universal parts on page 711 for more parts.

USED ON BÄR CARGOLIFT



MICRO SWITCHES WITH CABLE

MICRORUPTEURS AVEC CÂBLE – MIKROSCHALTER MIT KABEL



Voltage	Amperage	Length mm	Info	REF
250	5	500	IP66	111TP1868
250	5	1500	IP66	111TP1869
250	5	3500	IP66	111TP1870

SENSORS & SWITCHES

CAPTEURS & INTERRUPEURS – SENSOREN & SCHALTER



- Voltage: 12/24 V
- Length: 2000 mm
- Thread: M12 x 38 mm

[REF 111TP1864](#)



- Voltage: 10/36 V
- Thread: M12 x 55 mm

[REF 111TP8176](#) – Length: 3000 mm

[REF 111TP1865](#) – Length: 6000 mm



- Length: 200 mm
- Width: 80 mm
- BS

[REF 111TP1866](#)



Length: 550 mm

[REF 111TP1867](#)



- Voltage: 12/24 V
- Length: 570 mm

[REF 111TP8177](#)



Length: 4100 mm

[REF 112TP9850](#)

USED ON BÄR CARGOLIFT



CONTROL BOXES & PARTS

BOÎTIERS DE CONTRÔLE & ACCESSOIRES - BEDIENKÄSTEN & ERSATZTEILE



Voltage: 12/24 V

[REF 111TP1860](#)



Voltage: 12/24 V

[REF 111TP1861](#)



Used on [REF 111TP1861](#)

[REF 111TP1871](#)



Used on [REF 111TP1861](#)

[REF 111TP8173](#)



Without key switch + jack leg

[REF 111TP8174](#)



Without key switch right

[REF 111TP8175](#)



With key switch

[REF 111TP1862](#)



- Length: 220 mm
- Height: 25 mm
- Width: 120 mm

[REF 111TP1863](#)



- Length: 220 mm
- Height: 90 mm
- Width: 120 mm
- CP240

[REF 111TP1859](#)

USED ON BÄR CARGOLIFT



CONTROLLERS

COMMANDES - BEDIENUNGEN



HYDEM



Operate your tail lift with our high-quality hand controls available in 2- or 3-button configurations.

Your benefits:

- Maximum comfort, high productivity
- Unique ergonomic design
- Easy push system
- With magnet and ring for easy handling
- Rubber shock absorber
- Usable in cold and wet environments

Applications:

Tail lifts, winches, cranes to name a few

Specifications:

- Protection (IP): IP44 according to EN 60 529
- Contact type: Mafelec (push button)
- Max amperage: 10 A
- Operating temperature: -25 °C up to 60 °C
- Material: ABS plastic with rubber buffer
- Cable: polyurethane 3,5 metres working length

Available colours:

Orange, yellow, green, red and blue

Available in different colours and in 2- or 3-button configurations.

Ask for your quantity discount. All models are equiped with Mafelec switches.

2-button hand controls with cable and connector

Make	Colour	REF
Bär Cargolift	Green	111TP5190

2-button hand controls without cable

Colour	REF
Orange	111TP5214
Blue	111TP5215
Red	111TP5216
Yellow	111TP5217
Green	111TP5218

3-button hand controls without cable

Colour	REF
Blue	111TP5220
Green	111TP5223

USED ON BÄR CARGOLIFT



CONTROLLERS

COMMANDES - BEDIENUNGEN



2-button controller with cable & 7-pin connector

[**REF 112TP6355**](#)



- 2 x NO
- Mafelec switch

[**REF 111TP8092**](#)



- 1 x NO + 1 x NC
- Mafelec switch

[**REF 111TP8093**](#)



[**REF 111TP8181**](#) – 4 x NO, Mafelec

[**REF 111TP8182**](#) – 4 x NO



[**REF 111TP8183**](#) – 2 x NO, Mafelec

[**REF 111TP8019**](#) – 2 x NO

See chapter Universal parts on page 712 for more parts.

USED ON BÄR CARGOLIFT



FOOT CONTROLLERS & PARTS

COMMANDES AU PIED & ACCESSOIRES - FUSSSCHALTER & ERSATZTEILE



- Up
- H

[REF 111TP1834](#)



- Down
- S

[REF 111TP1835](#)



- Length: 1500 mm
- Up

[REF 111TP1836](#)



- Length: 1500 mm
- Down

[REF 111TP1837](#)



- Length: 500 mm
- Up

[REF 111TP1838](#)



- Length: 500 mm
- Down

[REF 111TP1839](#)



Diameter: 41 mm

[REF 111TP1840](#)



- Diameter: 38 mm
- Hole: 4 x Ø 3 mm

[REF 111TP1841](#)



- Diameter: 37 x 10 mm
- Thickness: 27 mm

[REF 111TP1842](#)



Diameter: 14,5/20 mm

[REF 111TP1843](#)

USED ON BÄR CARGOLIFT



FOOT CONTROLLERS & PARTS

COMMANDES AU PIED & ACCESSOIRES – FUSSSCHALTER & ERSATZTEILE



BC750, 751, [1000SX1](#)

REF [111TP1844](#)



- Length: 335 mm
- Width: 85 mm

REF [111TP1845](#)



0-180°

REF [111TP1846](#)



0-180°

REF [111TP1847](#)



0-90°

REF [111TP1848](#)



0-90°

REF [111TP1849](#)



- 0-360°
- BC52, S4, R2T, R21

REF [111TP8172](#)



- 0-360°
- BC H42

REF [111TP8573](#)



- Length: 880 mm
- Width: 39 mm
- 2-pins

REF [111TP1850](#)



VARIOUS CONTROLLER PARTS

DIVERSES PIÈCES DE COMMANDE - WEITERE BEDIENUNG-ERSATZTEILE



- Diameter: 29/14 mm
- Length: 52 mm
- Used on REF [111TP1860](#)

REF [111TP1873](#)

USED ON BÄR CARGOLIFT



BATTERY CABLES

CÂBLES DE BATTERIE – BATTERIEKABEL



1



2



3

- Length: 12 000 mm
- Wire size: 25 mm²

- REF [111TP1874](#) – Colour: red
- REF [111TP1875](#) – Colour: black
- REF [111TP8179](#) – Kit REF 111TP1874 + 111TP1875



- Length: 1900 mm
- Wire size: 25 mm²

REF [111TP1876](#)



- Length: 2000 mm
- Wire size: 25 mm²
- Negative

REF [111TP1877](#)



- Length: 2000 mm
- Wire size: 25 mm²
- Positive

REF [111TP1878](#)



- Length: 15 000 mm
- Complete

REF [111TP1879](#)

See chapter Universal parts on page 717 for more parts.

USED ON BÄR CARGOLIFT



KOSTAL CABLES

CÂBLES KOSTAL - KOSTALKABEL



- Length: 4000 mm
- Thread: M24 x 1 mm/M27 x 1 mm

REF [111TP1880](#)

SPIRAL CABLES

CÂBLES SPIRALÉS - SPIRALKABEL



Diameter mm	Wire size mm ²	REF
4000	4 x 6 + 3 x 1	111TP1881



Diameter mm	REF
3000	111TP8691



Diameter mm	Info	REF
950	Charging cable	112TP9847

See chapter Universal parts on page 718 for more parts.

USED ON BÄR CARGOLIFT



CABLES & PARTS

CÂBLES DE BATTERIE - KABEL & ERSATZTEILE



- Voltage: 12 V
- Thread: M24 x 12 mm

REF [111TP1882](#)



Wire size: 5 x 0,75 mm²

REF [111TP1884](#)



- Length: 2700 mm
- Wire size: 8 x 1 mm²

REF [111TP1886](#)



Length: 2550 mm

REF [111TP1889](#)



- Length: 1500 mm
- Wire size: 7 x 0,75 mm²

REF [111TP1887](#)



- Voltage: 12 V
- Thread: M24 x 2 mm

REF [111TP1883](#)



Length: 450 mm

REF [111TP1885](#)



- Length: 2690 mm
- Wire size: 4 x 1,5 mm²

REF [111TP1888](#)



- Length: 2700 mm
- Wire size: 25 mm²

REF [111TP1890](#)



- Length: 2600 mm
- Wire size: 7 x 0,75 mm²

REF [111TP1891](#)

USED ON BÄR CARGOLIFT



CABLES & PARTS

CÂBLES DE BATTERIE - KABEL & ERSATZTEILE



- Length: 2200 mm
- Wire size: 7 x 0,75 mm²

REF [112TP9849](#)



- Length: 643 mm
- Wire size: 4 x 1,5 mm²

REF [111TP8186](#)



- Length: 2750 mm
- Wire size: 4 x 1,5 mm²

REF [111TP8184](#)



- Length: 2750 mm
- Wire size: 8 x 1 mm²

REF [111TP8187](#)



- Length: 3540 mm
- Wire size: 8 x 1 mm²

REF [111TP8185](#)



- Length: 3040 mm
- Wire size: 7 x 0,75 mm²

REF [111TP8188](#)



Length: 12 200 mm

REF [111TP8189](#)

USED ON BÄR CARGOLIFT



CONNECTORS & PARTS

CONNECTEURS & ACCESSOIRES – STECKER & ERSATZTEILE



- 7-pole
- VEHH

[REF 111TP1892](#)



- 7-pole
- VEHH

[REF 111TP1893](#)



4-pole

[REF 111TP1894](#)



4-pole

[REF 111TP1895](#)



- 3-pole
- CEE

[REF 111TP9787](#)



- Length: 45 mm
- 7/8" UNS
- 18G

[REF 111TP1896](#)



- Length: 45 mm
- 7/8" UNS
- 18G

[REF 111TP1897](#)



- Wire size: 25 mm²
- Female

[REF 111TP1898](#)



- Wire size: 25 mm²
- Male

[REF 111TP8192](#)

See chapter Universal parts on page 719 for more parts.

USED ON BÄR CARGOLIFT



FLASHER LIGHTS & PARTS

LAMPES TORCHES & ACCESSOIRES – BLINKLEUCHTEN & ERSATZTEILE



Wattage: 5 W

REF 111TP1899 – Voltage: 12 V

REF 111TP1900 – Voltage: 24 V



- Length: 180 mm
- LED

REF 111TP1901 – Voltage: 12 V

REF 111TP1902 – Voltage: 24 V



- Voltage: 12 V
- Wattage: 4 W
- Length: 2850 mm
- LED

REF 111TP1903



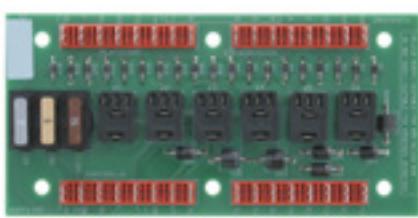
- Voltage: 24 V
- Wattage: 8 W
- Length: 180 mm
- LED

REF 111TP1904

See chapter Universal parts on page 725 for more parts.

PRINTED CIRCUIT BOARDS/CONTROLLERS

CIRCUITS IMPRIMÉS/COMMANDES – LEITERPLATTEN/BEDIENUNGEN



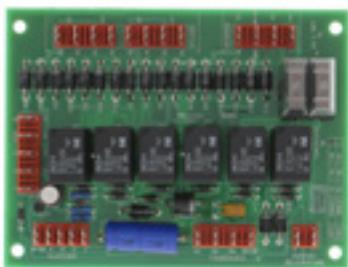
REF 111TP8196 – Voltage: 12/24 V – Without relay

REF 111TP1912 – Voltage: 12 V

REF 111TP1905 – Voltage: 24 V



REF 111TP1906 – Voltage: 24 V



REF 111TP1910 – Voltage: 12 V

REF 111TP1907 – Voltage: 24 V



REF 111TP1909 – Voltage: 24 V

USED ON BÄR CARGOLIFT

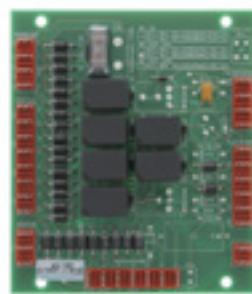


PRINTED CIRCUIT BOARDS/CONTROLLERS

CIRCUITS IMPRIMÉS/COMMANDES – LEITERPLATTEN/BEDIENUNGEN



REF [111TP1911](#) – Voltage: 12 V
REF [111TP1908](#) – Voltage: 24 V



REF [111TP8575](#) – Voltage: 12 V
REF [111TP8198](#) – Voltage: 24 V



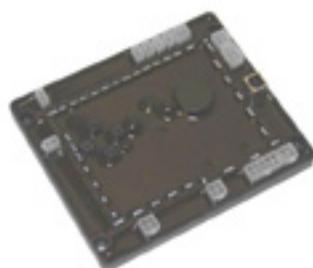
REF [111TP1913](#) – Voltage: 12/24 V



REF [111TP8197](#) – Voltage: 12/24 V



REF [111TP8576](#) – Voltage: 12 V
REF [111TP1914](#) – Voltage: 24 V



REF [111TP1915](#) – EBCMINI (without software)
REF [111TP8577](#) – EBCMINI (with software)



REF [111TP1948](#) – EBCMAXI (without software)
REF [111TP8578](#) – EBCMAXI (with software)

**CABLE SHOES & BATTERY CLAMPS**

CONNECTEURS & PINCES DE BATTERIE – KABELSCHUHE & BATTERIEKLAMMERN



Diameter mm	Length mm	Wire size mm ²	REF
6	39	25	111TP1919
8	32	25	111TP1920
10	37	25	111TP1921

RELAYS

RELAIS – RELAIS



Voltage	Amperage	Info	REF
12	20/30	NO/NC	111TP1916
24	10/20	NO/NC	111TP1917



Voltage	Amperage	REF
12	50	111TP1918
24	70	111TP8579

See chapter Universal parts on page 727 for more parts.

USED ON BÄR CARGOLIFT



FUSES

FUSIBLES - SICHERUNGEN



DIN 72581/5

Amperage	REF
50	111TP1922
75	111TP1923
100	111TP1924
150	111TP1925
200	111TP1926
250	111TP1927



Amperage	REF
50	111TP8200



Amperage	REF
50	111TP1928



Amperage	REF
100	111TP1929



Amperage	REF
150	111TP1930



Amperage	REF
150	111TP8201



Amperage	REF
200	111TP1931



Amperage	REF
250	111TP1932

See chapter Universal parts on page 728 for more parts.



FUSE HOLDERS & PARTS

PORTE-FUSIBLES & ACCESSOIRES – SICHERUNGSHALTER & ERSATZTEILE



Mega

[REF 112TP9848](#)



Thread: M8

[REF 111TP1933](#)



Thread: M8

[REF 111TP8202](#)



- Amperage: max 20 A
- DIN 72581/med

[REF 111TP1934](#)

See chapter Universal parts on page 732 for more parts.

USED ON BÄR CARGOLIFT



VARIOUS ELECTRICAL PARTS

DIVERSES PIÈCES ÉLECTRIQUES – WEITERE ELEKTRISCHE ERSATZTEILE



REF 111TP1935 – PG9
REF 111TP1936 – PG11
REF 111TP1937 – PG13,5



• Length: 55 mm
• Height: 15 mm
• Width: 3 mm
REF 111TP1938



• Length: 120 mm
• Height: 40 mm
• Width: 100 mm
REF 111TP1939



• Length: 140 mm
• Height: 50 mm
• Width: 140 mm
• 8-pole
REF 111TP1940



• Length: 145 mm
• Height: 56 mm
• Width: 136 mm
• Fuse cover
REF 111TP8204



BATTERY COVERS/HOUSINGS

COUVERCLES/LOGEMENTS BATTERIE - BATTERIEKÄSTEN/-DECKEL



- Length: 710 mm
- Height: 270 mm
- Width: 560 mm

[**REF 111TP1941**](#)



- Length: 710 mm
- Height: 270 mm
- Width: 640 mm

[**REF 111TP1942**](#)



- Length: 645 mm
- Height: 260 mm
- Width: 630 mm

[**REF 111TP1943**](#)



- Length: 690 mm
- Height: 260 mm
- Width: 620 mm

[**REF 111TP8205**](#)

USED ON BÄR CARGOLIFT



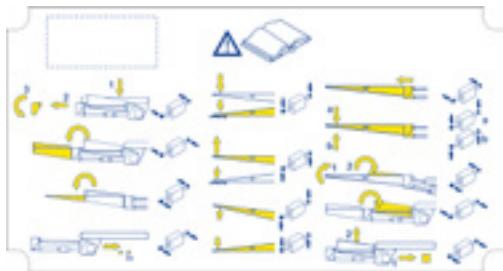
DECALS

AUTOCOLLANTS - AUFKLEBER



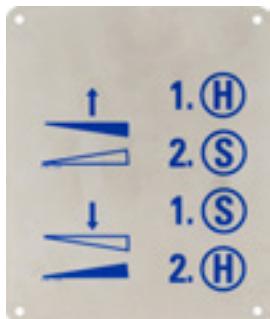
- Length: 160 mm
- Width: 75 mm

REF [111TP1944](#)



- Length: 212 mm
- Width: 112 mm

REF [111TP1946](#)



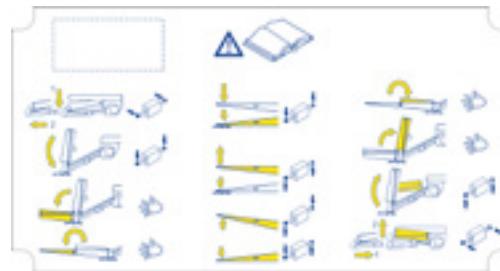
- Length: 100 mm
- Width: 120 mm
- Metal

REF [111TP8207](#)



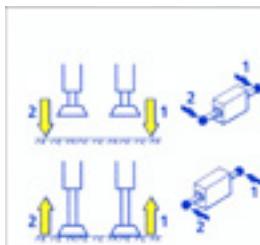
- Length: 212 mm
- Width: 112 mm
- S4-S2

REF [111TP1945](#)



- Length: 212 mm
- Width: 112 mm
- R-42

REF [111TP1947](#)



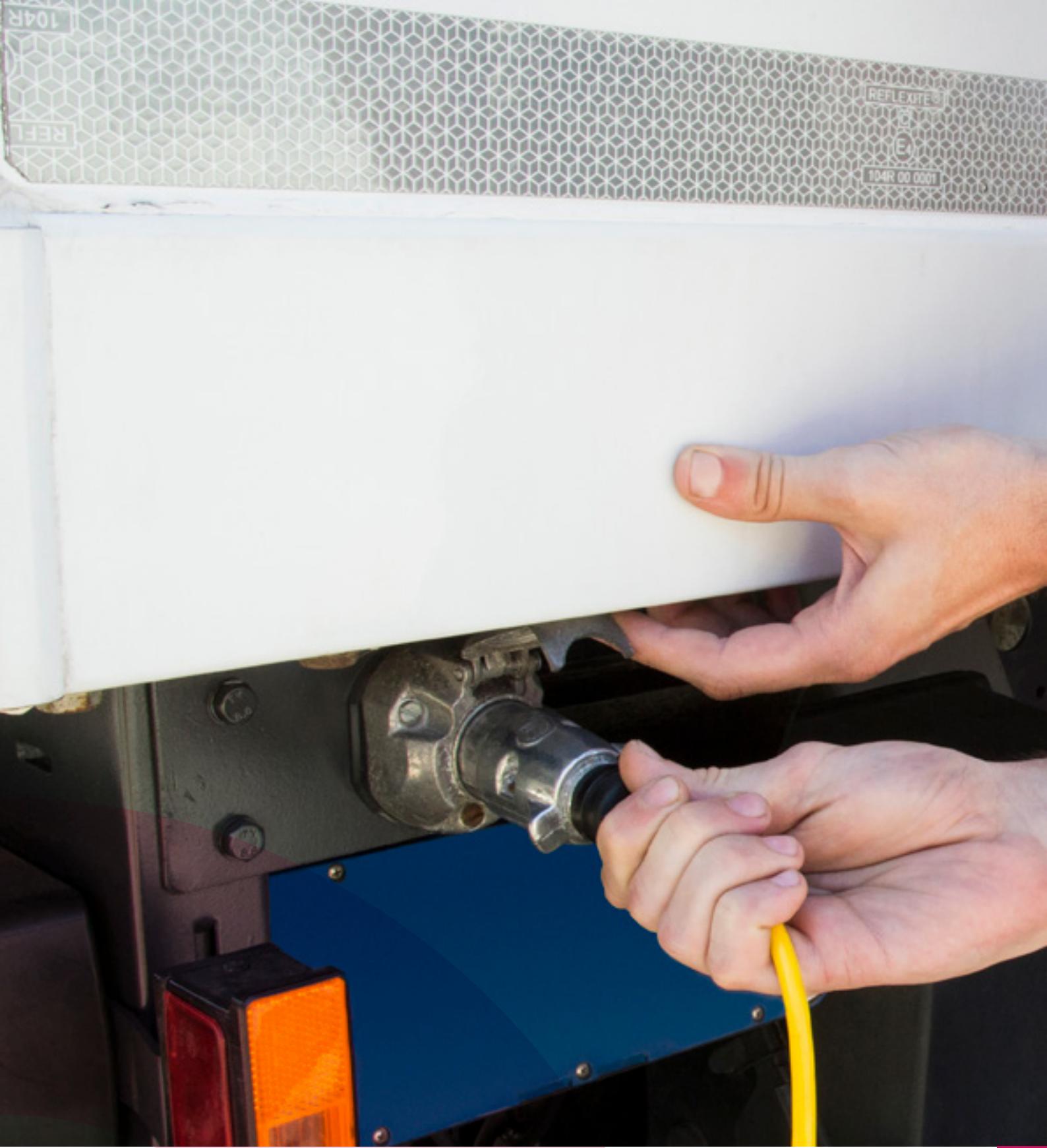
- Length: 70 mm
- Width: 65 mm

REF [111TP8208](#)

See chapter Universal parts on page 735 for more parts.

VARIOUS PARTS - DIVERSES PIÈCES - VERSCHIEDENE ERSATZTEILE





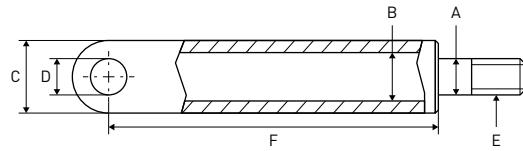
USED ON
BEHRENS EUROLIFT

USED ON BEHRENS EUROLIFT

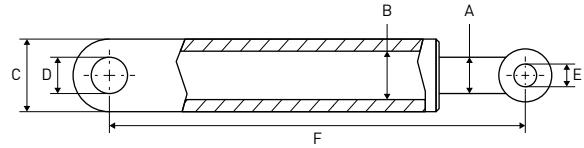


TILT CYLINDERS

VÉRIN D'INCLINAISON - SCHLIESZYLINDER



A mm	B mm	C mm	D mm	E mm	F mm	Weight kg	REF	
							Cylinder	Seal kit
45	70	85	30	M36 - Ø 45	500	1000/1500/2000	111TP1949	111TP9367



A mm	B mm	C mm	D mm	E mm	F mm	Weight kg	REF	
							Cylinder	Seal kit
50	55	65	30	30	480	1000/1500/2000	111TP1950	111TP9368
50	55	65	30	30	650	1000/1500/2000	111TP5147	111TP9368

PRESSURE EXCHANGERS

ÉCHANGUEURS DE PRESSION - DRUCKÜBERSETZER



Diameter mm	REF		
		Cylinder	Seal kit
50/70	111TP8212	111TP8435	

USED ON BEHRENS EUROLIFT



PISTON RODS

TIGES DE PISTON – KOLBENSTANGEN



A mm	B mm	C mm	REF
40	M34	M36	111TP1186

SEAL KITS

KITS DE JOINTS – DICHTUNGSSÄTZE



Diameter: 45/70 mm

[REF 111TP1953](#)



Diameter: 50/60 mm

[REF 111TP1954](#)



Diameter: 60/70 mm

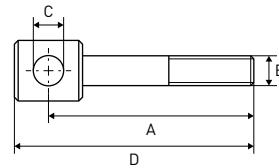
[REF 111TP8213](#)

USED ON BEHRENS EUROLIFT



ROD ENDS

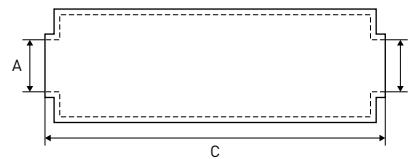
ROTULES - GELENKKÖPFE



A mm	B mm	C mm	D mm	REF
125	M36	30	155	111TP1955
305	M36	30	336	111TP1956

PROTECTIVE COVERS

HOUSSE DE PROTECTION - SCHUTZROCHRE



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
45	85	320	111TP8215	111TP4916
50	70	315	111TP8216	111TP4916
50	70	455	111TP8217	111TP4916

USED ON BEHRENS EUROLIFT



COVERS

COUVERCLES - ABDECKUNGEN



Length mm	Height mm	Width mm	REF
456	195	425	111TP8218

Length mm	Height mm	Width mm	REF
420	345	345	111TP3441

TANKS & OIL RESERVOIRS

RÉSERVOIRS (D'HUILE) - TANKS & ÖLBEHÄLTER



Diameter mm	Volume l	REF
110	6,8	111TP1957

Length mm	Height mm	Width mm	REF
245	145	150	111TP8220

USED ON BEHRENS EUROLIFT



HYDRAULIC PUMPS

POMPES HYDRAULIQUES - HYDRAULIKPUMPEN



CC	Rotation	REF
1,7	<< CCW	111TP1958

CC	Rotation	REF
1	CW >>	111TP1959



CC	Rotation	REF
1,6	<< CCW	111TP8221

See chapter Universal parts on page 699 for more parts.

USED ON BEHRENS EUROLIFT



HOSES

TUYAUX - SCHLÄUCHE



Hose diameter		Length mm	Fitting 1 mm	Fitting 2 mm	Info	REF
Inch	mm					
1/4	6,4	630	M16 x 1,5 mm	M16 x 1,5 mm	-40-100 °C	111TP1960

USED ON BEHRENS EUROLIFT



VALVE BLOCKS

BOÎTIERS À SOUPAPES - STEUERBLÖCKE



REF [111TP1961](#) – Voltage: 12 V

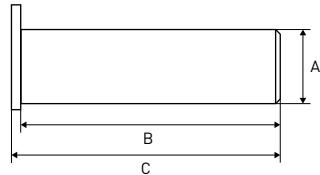
REF [111TP1962](#) – Voltage: 24 V

USED ON BEHRENS EUROLIFT



PINS

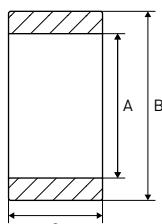
AXES - ACHSEN



A mm	B mm	Thread mm	REF
30	55	M8 x 1	111TP8222
30	65	M8 x 1	111TP1963
30	112	M8 x 1	111TP1964
30	128	M8 x 1	111TP1965
30	153	M8 x 1	111TP1967
40	65	M8 x 1	111TP1968

PLATFORM ROLLERS

GALETS DE HAYON - PLATTFORMROLLEN



A mm	B mm	C mm	REF
30	90	45	111TP1968

BUSHINGS

BAGUES - BUCHSEN



Diameter mm	REF
80	111TP8223



A mm	B mm	C mm	Info	REF
30	34	30	DX	111TP1969
40	44	30	DX	111TP1970

See chapter Universal parts on page 705 for more parts.



USED ON BEHRENS EUROLIFT

SPRINGS & GAS SPRINGS

RESSORTS & VÉRINS À GAZ - FEDERN & GASDRUCKFEDERN



Length mm	Width mm	Thickness mm	REF
132	64	4	111TP8224



Diameter mm	Length mm	REF
70	172	111TP8225

See chapter Universal parts on page 707 for more parts.

PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



- Length: 400 mm
- Width: 250 mm
- § 53b Abs. 5 StVZO
- TÜV/CE with certificate

REF [111TP1971](#)



- Length: 400 mm
- Width: 250 mm
- § 53b Abs. 5 StVZO
- TÜV/CE with certificate

REF [111TP1320](#)

See chapter Universal parts on page 708 for more parts.



CONTACT ELEMENTS

BLOCS DE CONTACT – KONTAKTELEMENTE



1 x NO

[REF 111TP1976](#)

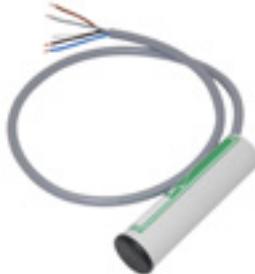
SENSORS & SWITCHES

CAPTEURS & INTERRUPEURS – SENSOREN & SCHALTER



- Diameter: 18 mm
- Voltage: 12/24 V
- Length: 100 mm

[REF 111TP1977](#)



- Diameter: 25 mm
- Voltage: 12/24 V
- Length: 100 mm

[REF 111TP1978](#)



FOOT CONTROLLERS & PARTS

COMMANDES AU PIED & ACCESSOIRES - FUSSSCHALTER & ERSATZTEILE



Diameter: 30 mm

[REF 111TP1972](#)



Diameter: 30 mm

[REF 111TP1973](#)



Diameter: 40 mm

[REF 111TP1974](#)



Diameter: 40 mm

[REF 111TP1975](#)



Length: 2100 mm

[REF 111TP8228](#)



PRINTED CIRCUIT BOARDS/CONTROLLERS

CIRCUITS IMPRIMÉS/COMMANDES – LEITERPLATTEN/BEDIENUNGEN



Voltage: 24 V

[REF 111TP1979](#)

FUSES

FUSIBLES – SICHERUNGEN



DIN 72581/5

Amperage	REF
175	111TP1980
200	111TP1981



DIN 43560/1

Amperage	REF
175	111TP1982
225	111TP1983

[See chapter Universal parts on page 728 for more parts.](#)

FUSE HOLDERS & PARTS

PORTE-FUSIBLES & ACCESSOIRES – SICHERUNGSHALTER & ERSATZTEILE



Thread: M8

[REF 111TP1984](#)

[See chapter Universal parts on page 732 for more parts.](#)

USED ON BEHRENS EUROLIFT



NOTES - NOTIZEN



USED ON
BRAUN



LIFT CYLINDERS

VÉRINS DE LEVAGE - HUBZYLINDER



14,625" - 23,146" retracted

REF 111TP8978



14,625" - 29,146" retracted

REF 111TP9540



Cylinder 1004 with stainless steel mount for UVLIRS

REF 111TP8756



Bore Cylinder 2,75" for UVL

REF 111TP8924



14,625" - 29,146" retracted

REF 111TP8983



May be unlocked manually 24 V

REF 111TP8762



TILT CYLINDERS

VÉRIN D'INCLINAISON – SCHLIESSZYLINDER



Roll stop cylinder for UVL

REF [111TP8757](#)



Barrier actuator set 12 V

REF [111TP8982](#)



Barrier actuator set 24 V

REF [111TP8925](#)

RETRACTION CYLINDERS

VÉRINS DE RÉTRACTION – ZEICHZYLINDER



14,625"-23,146" retracted

REF [111TP8979](#)



14,625"-29,146" retracted

REF [111TP8980](#)



14,625"-23,146" retracted (ea)

REF [111TP8981](#)



ROD ENDS

ROTULES - GELENKKÖPFE



Ball and socket joint end 5/16-24 male – Left hand thread

REF [111TP8817](#)



Ball and socket joint end 5/16-24 male – Right hand thread

REF [111TP8816](#)



Tube WMT-folding arm lowering

REF [111TP8944](#)



O-RINGS

JOINTS TORIQUES - O-RINGE



O-ring manual pump MTG-M259 Monarch#00113

REF 111TP8903

See chapter Universal parts on page 694 for more parts.



DC HYDRAULIC POWER UNITS

GROUPE HYDRAULIQUE - HYDRAULIKAGGREGAT



Unit with fittings – 12 V

[**REF 111TP8775**](#)



Unit – 12 V

[**REF 111TP8776**](#)

See chapter Universal parts on page 697 for more parts.

HYDRAULIC COUPLING

ACCOUPLEMENT HYDRAULIQUE - HYDRAULISCHE KUPPLUNG



1/4" NPT hydraulic quick coupling

[**REF 111TP8764**](#)

HYDRAULIC OIL

HUILE HYDRAULIQUE - HYDRAULIKÖL



Hydraulic oil can

[**REF 111TP8774**](#)



HANDLE PUMPS

LEVIER DE POMPE - GRIFF-PUMPE



Pump lever (ergonomic)

[**REF 111TP8761**](#)



Manual pump lever/ang BKT WMT-ergonomic for UVL

[**REF 111TP8760**](#)



Manual pump/M268 monarch

[**REF 111TP8759**](#)

TANKS & OIL RESERVOIRS

RÉSERVOIRS (D'HUILE) - TANKS & ÖLBEHÄLTER



Tank replacement kit for UVL

[**REF 111TP8763**](#)

FILTERS & BREATHERS

FILTRES & RENIFLARDS - FILTER & ENTLÜFTER



Cap on/ monarch tank

[**REF 111TP8771**](#)



USED ON BRAUN

ELECTRIC MOTORS

MOTEURS ÉLECTRIQUES – ELEKTROMOTOREN



Monarch motor pump 12 V-low TPM

[REF 111TP8781](#)



12 V drive/pinion motor assembly for UVL

[REF 111TP8782](#)



24 V drive/pinion motor assembly for UVL

[REF 112TP9876](#)

See chapter Universal parts on page 735 for more parts.

HYDRAULIC PUMPS

POMPES HYDRAULIQUES – HYDRAULIKPUMPEN



Assembled pump for UVL 12 V

[REF 111TP8922](#)



Assembled pump – 12 V

[REF 111TP8923](#)

See chapter Universal parts on page 699 for more parts.

SOLENOID SWITCHES/CONTACTORS

SOLÉNOÏDES/CONTACTEURS – MAGNETSCHALTER/SCHÜTZE



Solenoid 12 V trombetta/clamp

[REF 111TP8783](#)



Solenoid 24 V

[REF 111TP9567](#)

See chapter Universal parts on page 701 for more parts.



BEARINGS

ROULEMENTS - LAGER



Roller bearing (20 x 32 mm)

REF [111TP8897](#)

See chapter Universal parts on page 735 for more parts.

CLAMPS

PINCES - KLAMMERN



Flexible collar-H-48 (259)

REF [111TP8891](#)

See chapter Universal parts on page 704 for more parts.



HOSES

TUYAUX - SCHLÄUCHE



Flexible kit for EVOM 03

[**REF 111TP8772**](#)

Flexible kit for EVOM

[**REF 111TP8773**](#)

FITTINGS

RACCORDS - KUPPLUNGEN



Elbow 1/4" NPT 90° street

[**REF 111TP8768**](#)

Fitting 9/16" O-ring x 4 JICM 90d

[**REF 111TP8769**](#)Elbow 1/4" NPT 90* 1/4" barb
(ea)[**REF 111TP8770**](#)



SOLENOID VALVES

ÉLECTROVANNES - MAGNETVENTILE



2/2 VNF 3/4-16 unf 12 V nose
Ø 13 mm 2 terminals

[REF 111TP8926](#)



2/2 Double relief valve kit -
For VL995 - 12 V

[REF 111TP8779](#)



2/2 VNF - 10 V

[REF 111TP9541](#)



2/2 VNF - 24 V

[REF 111TP8780](#)

CARTRIDGES

CARTOUCHES - PATRONEN



Monarch VNF valve replacement cartridge

[REF 111TP8758](#)

COILS

BOBBINES - SPULEN



Coil for VL995 - 10/12 V

[REF 111TP8785](#)



Coil 24 V

[REF 111TP8786](#)

USED ON BRAUN

VALVE BLOCKS

BOÎTIERS À SOUPAPES - STEUERBLÖCKE



Valve + block with disengaging mechanism 24 V

[REF 111TP8777](#)



Valve + block with disengaging mechanism 24 V

[REF 111TP8778](#)

VALVES & SWITCHES

SOUPAPES & INTERRUPEURS - VENTILE & SCHALTER



Pressure PDI switch PDFH-
[1600R4S-B-SP-5](#)

[REF 111TP8790](#)



18 ga team - wires

[REF 111TP8792](#)



Circuit breaker 8 A man reset
button 1/4" spd

[REF 111TP8809](#)

USED ON BRAUN



PINS

AXES – ACHSEN



Pin Ø 19 x L: 62 mm

[**REF 111TP8956**](#)



Pin Ø 9,5 x L: 80 mm

[**REF 111TP8829**](#)



Pin Ø 19 x L: 79 mm

[**REF 111TP8957**](#)



Pin Ø 4,7 x L: 25,5 mm

[**REF 111TP8831**](#)



Pin Ø 6,4 x L: 20,5 mm

[**REF 111TP8832**](#)

PLATFORM ROLLER SETS

KITS DE GALETS DE HAYON – PLATTFORMROLLENSETS



Connecting bridge roller guide

[**REF 111TP8836**](#)

PINS, BUSHINGS & ROLLERS – AXES, BAGUES & GALETS – ACHSEN, BUCHSEN & ROLLEN

USED ON BRAUN

BUSHINGS

BAGUES - BUCHSEN



Bushing 3/4 id x 3/8l - [12DU06](#)

Flanged bushing 10 x 12 mm - BB10

[REF 111TP8965](#)



Plastic flanged bushing 3/8 id x 1/4"

[REF 111TP8896](#)



Flanged bushing 10 x 12 mm - BB10

[REF 111TP8965](#)



Bearing bushing

[REF 111TP8967](#)



Bearing bushing

[REF 111TP8968](#)



Bushing -5od x 0,334 Id x 1,515 lg

[REF 111TP8892](#)

See chapter Universal parts on page 705 for more parts.



SCREWS, NUTS & RINGS

VIS, ÉCROUS & RONDELLES – SCHRAUBEN, MUTTERN & RINGE



Adapter - 1/4" M-1/8" F NPT

[REF 111TP8765](#)



Internal hydraulic adapter

[REF 111TP8767](#)



Flanged bearing 1/2" x 1/4" -
08FDU04

[REF 111TP8810](#)



Spherical pivot 10 mm/seat and
left - A 9008 (ea)

[REF 111TP8821](#)



Assembled rollers kit

[REF 111TP8958](#)



Bolt 3/8" - 16 x 1" hex/
self-locking

[REF 111TP8837](#)



Bolt 3/8" - 16 x 3/4" GR5 - hex/
self-locking

[REF 111TP8838](#)



Square bolt 3/8" - 16 x 3"/nickel

[REF 111TP8959](#)



Bolt 3/8" - 16 x 1/2" GR5 hex/
self-locking

[REF 111TP8841](#)



Bolt 1/4" - 20 x 1/2" low socket
hd

[REF 111TP8852](#)



SCREWS, NUTS & RINGS

VIS, ÉCROUS & RONDELLES - SCHRAUBEN, MUTTERN & RINGE



Bolt 1/4" – 20 x 1/2" but hd soc/
self-locking

REF [111TP8854](#)



Screw 1/4" – 20 x 3/8" ser hex
(ea)

REF [111TP8839](#)



Screw 1/4" – 20 x 2 3/4" ser hex

REF [111TP8840](#)



Screw 1/4" – 20 x 1" ser hex zp
(10)

REF [111TP8842](#)



Screw 1/4" – 20 x 3/4" serr hex
zp

REF [111TP8843](#)



Screw #10 – 32 x 5/8" php 2p thd
cut self-locking

REF [111TP8845](#)



Screw #10 – 32 x 1/2" but. hd

REF [111TP8846](#)



Screw 5/16" – 18 x 3/4" BHSC/
self-locking

REF [111TP8848](#)



Screw 1/4" – 20 x 1" but hd soc

REF [111TP8849](#)



Screw 1/4" – 20 x 3/8" pan ph zp

REF [111TP8850](#)

USED ON BRAUN



SCREWS, NUTS & RINGS

VIS, ÉCROUS & RONDELLES – SCHRAUBEN, MUTTERN & RINGE



Screw 1/4" - 20 x 3/4" ss shcs
with nyl patch

[REF 111TP8851](#)



Screw 5/16" x 2 shld skt hd 1/4 -
20 ss

[REF 111TP8853](#)



Screw 5/16" - 24 x 7/8" FHSC
GR8+

[REF 111TP8855](#)



Screw 5/16" - 18 x 3/4" FHS/self-
locking

[REF 111TP8856](#)



Screw 1/4" - 20 x 1/2" HFSCS/
zinc

[REF 111TP8857](#)



Thrust washer 1,125 od/625 id/
0,585T

[REF 111TP8858](#)



Thrust washer 0,875 od/0,50 id/
0,585T

[REF 111TP8859](#)



Washer 3/8" flat/self-locking

[REF 111TP8860](#)



Washer 281 x 75 x 06 brass

[REF 111TP8861](#)



Washer 1/2" flat/self-locking

[REF 111TP8862](#)



SCREWS, NUTS & RINGS

VIS, ÉCROUS & RONDELLES - SCHRAUBEN, MUTTERN & RINGE



Washer 1,017 id x 1,25 od x 0,70

[REF 111TP8863](#)Lock washer-5/8 id x 1" od x
0,025" t/316 ss[REF 111TP8864](#)

Washer locking device

[REF 111TP8865](#)Washer 516 id x 1od x 0,269/
Auto-b[REF 111TP8866](#)

Washer 1/4" x 1 x 0,62 ss

[REF 111TP8867](#)Washer 281 id x 0,625 od x
0,055 tk/zp[REF 111TP8868](#)

Washer-bearing rear scissors

[REF 111TP8869](#)

Washer 328 x 562 x 042 ss

[REF 111TP8870](#)Washer 34 id x 0,74 od x
0,062T-nylon[REF 111TP8871](#)

Washer 390 x 625 x 073 ss

[REF 111TP8872](#)



SCREWS, NUTS & RINGS

VIS, ÉCROUS & RONDELLES – SCHRAUBEN, MUTTERN & RINGE



Washer 516id x 0,75 od x 0,0250
self-locking

[REF 111TP8873](#)



Washer M21 x 33 x 2,5 zp

[REF 111TP8874](#)



Disc spring claw washer 1,004 x
516

[REF 111TP8875](#)



Lock washer 3/8" self-locking

[REF 111TP8876](#)



Nut 1/4" - 20 x 3/16" roller buffer

[REF 111TP8960](#)



Nut 5/16" - 24 hex jam zp

[REF 111TP8877](#)



Nut 5/16" - 24 lh hex jam zp

[REF 111TP8878](#)



Nut 1/2" - 20 hex jam/
self-locking

[REF 111TP8879](#)



Nut-3/4" - 10 zinc plated jamb

[REF 111TP8880](#)



Nut 3/8" - 16 unc hex lock/
self-locking

[REF 111TP8881](#)

USED ON BRAUN



SCREWS, NUTS & RINGS

VIS, ÉCROUS & RONDELLES - SCHRAUBEN, MUTTERN & RINGE



Nut 1/4" – 20 notched flange zp

[REF 111TP8882](#)

Nut 1/4" – 20 full nylock ss

[REF 111TP8883](#)

E clamp 3/8" shaft

[REF 111TP8885](#)

Ring 1/2" end-piece external self locking/self

[REF 111TP8886](#)

Tru-arc retaining ring

[REF 111TP8887](#)

1/4" x 1" roll pin

[REF 111TP8961](#)

5/32" x 3/4" long spring pin

[REF 111TP8962](#)

Rivet 1/8" dia x 0,515 pop ss

[REF 111TP8888](#)

Rivet pop SD64BS - 3/16" - 13/25 self-locking

[REF 111TP8889](#)

Rivet pop SD62BS - 3/16" - 06/0,13 self-locking

[REF 111TP8890](#)



SCREWS, NUTS & RINGS

VIS, ÉCROUS & RONDELLES – SCHRAUBEN, MUTTERN & RINGE



Cam pin spacer

[REF 111TP8893](#)



Stopper-interior-plastic tappet/
black

[REF 111TP8965](#)



Push rivet in 8 mm

[REF 111TP8894](#)



Screw 1/4" – 20 x 1/4" set cup pt

[REF 111TP8847](#)



Screw 5/16" – 18 x 5/16"
clearance

[REF 111TP8844](#)



ROLL STOPS & PARTS

BUTÉES DE ROUES & ACCESSOIRES - ABROLLSICHERUNGEN & ERSATZTEILE



Locking device set, lever roller buffer

[**REF 111TP8940**](#)



Retainer locking hook

[**REF 111TP8943**](#)



Retainer clevis fork

[**REF 111TP8945**](#)



Lever for opening/locking retainer - right side

[**REF 111TP9531**](#)



Lever for opening/locking retainer - left side

[**REF 111TP8946**](#)



Foot roller buffer pad

[**REF 111TP8969**](#)



Retainer lever pin

[**REF 111TP8828**](#)



Nylon roller 21/64" x 7/8" x 1,03

[**REF 111TP8989**](#)



SPRINGS & GAS SPRINGS

RESSORTS & VÉRINS À GAZ – FEDERN & GASDRUCKFEDERN



Clamp guard (gas spring)

[**REF 111TP8884**](#)



Gas spring shield (ea)

[**REF 111TP8902**](#)



Gas spring set 14,468 ext./8,956 co

[**REF 111TP8908**](#)



Gas spring - 14,47 ext/9,02 com-p1=1150n

[**REF 111TP8909**](#)



Gas spring set

[**REF 111TP8910**](#)



Torsion spring (ea)

[**REF 111TP8914**](#)



Ramp assist spring, alt

[**REF 111TP8915**](#)



Torsion spring

[**REF 111TP8916**](#)



USED ON BRAUN

SPRINGS & GAS SPRINGS

RESSORTS & VÉRINS À GAZ - FEDERN & GASDRUCKFEDERN



Spring extension

REF [111TP8972](#)



Spring 1/2" x 3 x 055 ext l 6"

REF [111TP8917](#)



Seat top spring fold for CHAIR TOPPER

REF [111TP8918](#)

See chapter Universal parts on page 707 for more parts.



BUMPERS & BUFFERS

PARE-CHOCS & BUTOIRS - STOSSDÄMPFER & -PUFFER



UHMW flat-blk

REF [111TP8919](#)



UHMW flat-thick black

REF [111TP8973](#)



UHMW flat/1,226 thin black

REF [111TP8974](#)



UHMW spacer (ea)

REF [111TP8975](#)



UHMW buffer uhm with locking device

REF [111TP8977](#)



UHMW guide

REF [111TP9539](#)



SLIDER BLOCKS, ROLLERS & WEAR PLATES

BLOCS DE DÉFILEMENT, GALETS & PLAQUES D'USURE - GLEITBLÖCKE, LAUFROLLEN & VERSCHLEISSPLATTEN



Pivot block and guardrail block

[REF 111TP8825](#)



Sliding block controlling the rotation of the connecting bridge

[REF 111TP8826](#)

WIRE ROPES

CÂBLES MÉTALLIQUES - DRAHTSEILE



Cable kit with manual opening

[REF 111TP8971](#)

CAPS

BOUCHONS - DECKEL



Connecting bridge (31'')

[REF 111TP8955](#)

See chapter Universal parts on page 707 for more parts.



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



Rear channel – for CHAIR TOPPER

[**REF 111TP8985**](#)



Front channel – for CHAIR TOPPER

[**REF 111TP8986**](#)



Switch fixing counter plate

[**REF 111TP8936**](#)



Cylinder tab-roll buffer lock mtg

[**REF 111TP8937**](#)



Rear barrier cam set

[**REF 111TP8811**](#)



Platform support/vertical channel

[**REF 111TP8938**](#)



Platform support/vertical channel front/rear

[**REF 111TP8939**](#)



Foot locking device/front wmt

[**REF 111TP8941**](#)



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



M-support clip manual control

[**REF 111TP8942**](#)



Cam lock device actuator/evom

[**REF 111TP8812**](#)



Pivot-manual guide

[**REF 111TP8813**](#)



Locking device coupling rod

[**REF 111TP8814**](#)



Rear barrier coupling rod

[**REF 111TP8815**](#)



Rear barrier coupling rod

[**REF 111TP8819**](#)



Rod 5/32" for torsion bar spring front

[**REF 111TP9532**](#)



Rod 5/32" for torsion bar spring rear

[**REF 111TP9533**](#)



PLATFORM PARTS

PIÈCES DE PLATEFORME – PLATTFORMERSATZTEILE



Pinion – 3510 x 1/2"

[**REF 111TP8818**](#)



Lifting clamp lock

[**REF 111TP8820**](#)



Trolley unlocking set

[**REF 111TP8822**](#)



Chain tensioner WMT –
for UVL855EVO

[**REF 111TP8823**](#)



Locking device WMT crank

[**REF 111TP8824**](#)



Lever set interior front barrier

[**REF 111TP8947**](#)



Lever set interior rear barrier

[**REF 111TP8948**](#)



Connecting bridge front support

[**REF 111TP8987**](#)



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



Connecting bridge rear support

[REF 111TP8988](#)



Gear set/front

[REF 111TP8949](#)



Gear set/rear

[REF 111TP8950](#)



Drawer slide

[REF 111TP8951](#)



Folding arm set - 42 FTG-rear

[REF 111TP8952](#)



Folding arm set - 42 FTG-front

[REF 111TP8953](#)



Lever set for controlling the rotation of the connecting bridge/for UVL

[REF 111TP8827](#)



Platform front pin/CL955

[REF 111TP8830](#)



PLATFORM PARTS

PIÈCES DE PLATEFORME – PLATTFORMERSATZTEILE



Gas spring holder/rsfront cylinder

[REF 111TP8833](#)



Manual pump lever attachment

[REF 111TP8834](#)



Chain tensioner roller (pa)

[REF 111TP8835](#)



Spherical pivot – 13 mm with
3/8" female

[REF 111TP8898](#)



Ergonomic handle, yellow,
1,23" id x 6"

[REF 111TP8899](#)



Kit for VISTA front gear holder
CL955XT

[REF 111TP8904](#)



Kit for VISTA rear gear holder
CL955XT

[REF 111TP8905](#)



Kit for VISTA front gear holder
48"/51" flat

[REF 111TP8906](#)



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



Kit for VISTA rear gear holder
48"/51" flat

[REF 111TP8907](#)



Platform rack

[REF 111TP9534](#)



Platform rack

[REF 111TP8970](#)



Chain #35 (seat top) -45"

[REF 111TP8992](#)



Nickel plated chain #35 roll x
142,92"

[REF 111TP8993](#)



Connector #35 chain np

[REF 111TP8911](#)



Chain connection #35

[REF 111TP8912](#)



Chain extension kit-l700x

[REF 111TP8913](#)



PLATFORM PARTS

PIÈCES DE PLATEFORME – PLATTFORMERSATZTEILE



Rear axle plate set bkt

[**REF 111TP8963**](#)



Front axle plate set bkt

[**REF 111TP8964**](#)



Nickel plated chain #35 roll x
137,04

[**REF 111TP8991**](#)

**See chapter Universal parts on page 708 for more
parts.**



CONTACT ELEMENTS

BLOCS DE CONTACT - KONTAKTELEMENTE



Cycle counter-lcd without rese

[REF 111TP8801](#)

TOGGLE SWITCHES

INTERRUPEURS À LEVIER - KIPPSCHALTER



Unfold/fold switch, orange

[REF 111TP9537](#)



Out/in switch

[REF 111TP8799](#)



Up/down switch

[REF 111TP8802](#)



3-position switch

[REF 111TP8935](#)



Switch SPDT SLD lug

[REF 111TP8800](#)



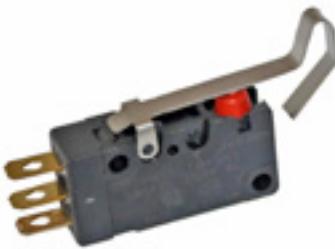
LIMIT/MICRO SWITCHES

INTERRUPEURS DE FIN DE COURSE/MICRORUPTEURS – END-/MIKROSCHALTER



Redundant relay kit circuit

[**REF 111TP8788**](#)



Waterproof micro switch

[**REF 111TP8791**](#)



Bridge switch kit/nl/ncl-2

[**REF 111TP8793**](#)



Bridge switch set/front

[**REF 111TP9535**](#)



Bridge switch set/rear

[**REF 112TP9877**](#)

See chapter Universal parts on page 711 for more parts.

USED ON BRAUN



CONTROL BOXES & PARTS

BOÎTIERS DE CONTRÔLE & ACCESSOIRES – BEDIENKÄSTEN & ERSATZTEILE



Main control for VISTA

[REF 111TP8928](#)



Main control for HH bkt mnt 8
1/3" with 6

[REF 111TP8794](#)



Main control for HH bkt mnt-10'/
qd

[REF 111TP8929](#)



Manual control for UVL, helical
cable with e-st

[REF 111TP8795](#)



Manual control for UVL855 EVOM

[REF 111TP8796](#)



Manual control for
UVL855RH/16'

[REF 111TP8930](#)



Manual control for UVL, 4
functions

[REF 111TP8931](#)



Manual control, single function
VANGATER & l710 (CHAIR
TOPPER)

[REF 111TP8984](#)



CONTROL BOXES & PARTS

BOÎTIERS DE CONTRÔLE & ACCESSOIRES – BEDIENKÄSTEN & ERSATZTEILE



Manual control for UVL855IRS,
helical cord

[REF 111TP8797](#)



Manual control for UVL855evom,
helical cord

[REF 111TP8798](#)



Manual control for cassette
elevator

[REF 111TP8932](#)



CABLES & PARTS

CÂBLES DE BATTERIE - KABEL & ERSATZTEILE



Extension cord for manual control

[**REF 111TP8803**](#)



18/22-m.spd-1/4-cable lug (ea)

[**REF 111TP8804**](#)



18/22-f.spd-1/4-cable lug (ea)

[**REF 111TP8805**](#)



Pump/housingmodule cable

[**REF 111TP8806**](#)



PRINTED CIRCUIT BOARDS/CONTROLLERS

CIRCUITS IMPRIMÉS/COMMANDES - LEITERPLATTEN/BEDIENUNGEN



Microchip for UVL 885CFRWB ext rear bar

[REF 111TP8933](#)



Microchip for UVL 600/855 – without lock

[REF 111TP8934](#)



Integrated circuit for CHAIR TOPPER

[REF 111TP9536](#)

RELAYS

RELAIS - RELAIS



Relay 24 V 10/20 A uvl

[REF 111TP8927](#)



Relay 30/40 A spdt 12 V P&B
plastic

[REF 111TP8787](#)



Relay 40/30 A spdt 12 V with
internal diode

[REF 111TP8789](#)

See chapter Universal parts on page 727 for more
parts.

USED ON BRAUN

FUSES

FUSIBLES - SICHERUNGEN



Fuse 5 A

REF [111TP8807](#)

See chapter Universal parts on page 728 for more parts.

THYRISTORS & DIODES

THYRISTORS & DIODES - THYRISTOREN & DIODEN



Solenoid + diode up

REF [111TP8808](#)



DECALS

AUTOCOLLANTS - AUFKLEBER



Logo sticker for UVL 42,375" x 3,625"

REF [111TP8920](#)

See chapter Universal parts on page 735 for more parts.

SAFETY PARTS

PIÈCES DE SÉCURITÉ - SICHERHEITSRELEVANTE TEILE



Half seat belt buckle set for
VISTA

REF [111TP8921](#)



Anti-slip tape - 3 safety blk
stroke 32,5

REF [111TP8990](#)



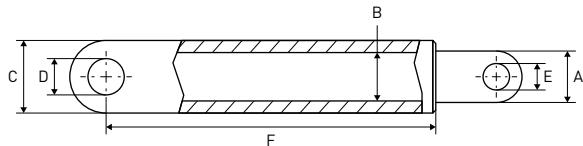


USED ON
DAUTEL

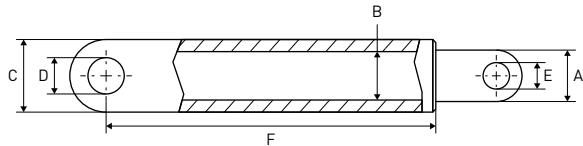


LIFT CYLINDERS

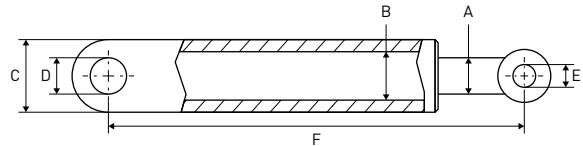
VÉRINS DE LEVAGE - HUBZYLINDER



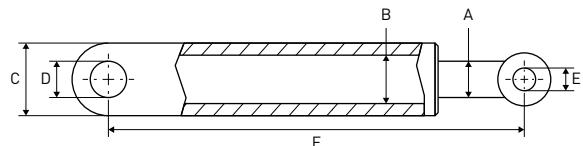
A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
40	60	55	30	30	328	DLB36	111TP1985	111TP2009



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
55	30	90	30	30	486	DLB44 - 1500	111TP1986	111TP9364
70	50	90	30	30	499	DLB44 - 2000	111TP8229	111TP9364



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
55	53	70	35	35	595	DLB47	111TP1987	111TP2018
60	60	75	35	35	596	DLB47	111TP1988	111TP2019
70	60	85	35	35	596	DLB47	111TP1989	111TP2022
75	60	90	35	35	596	DLB47	111TP8230	111TP2024



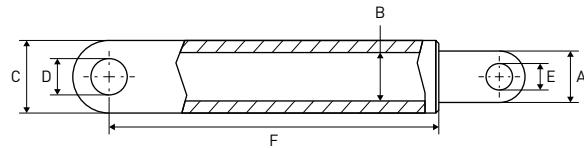
A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
30	55	70	30	30	520	DLB45	111TP1990	111TP2006
35	70	85	30	30	561,5	DLB45	111TP8231	111TP2007
35	80	95	30	30	566,5	DLB45	111TP8232	111TP2008

USED ON DAUTEL

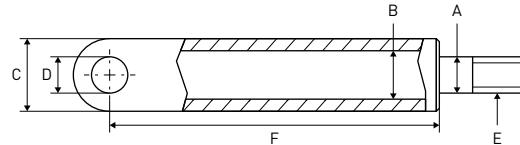


TILT CYLINDERS

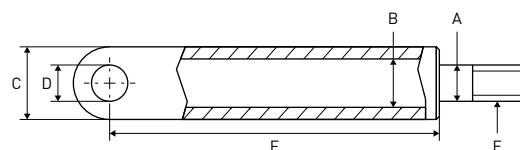
VÉRIN D'INCLINAISON – SCHLIESZYLINDER



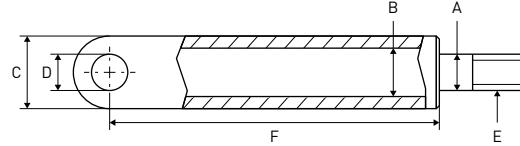
A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
63	30	80	30	M38 x 2	415	DLB36	111TP8233	111TP2020



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
50	70	90	30	M48 x 1,5	535	DLB45	111TP1991	111TP9365



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
40	63	73	35	M36 - Ø 23	427	DLB47	111TP1992	111TP2012
45	70	80	35	M42 - Ø 28	470	DLB47	111TP1993	111TP2013
50	75	85	35	M48 - Ø 28	515	DLB47	111TP1994	111TP2017

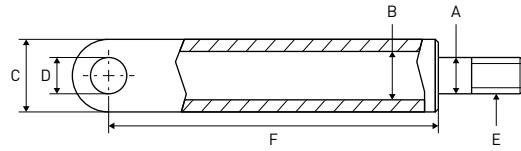


A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
40	63	75	30	M38 x 2	460	DLB45	111TP1995	111TP9366



TILT CYLINDERS

VÉRIN D'INCLINAISON - SCHLIESZYLINDER



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
50	70	90	30	M48 x 1,5	665	DLB44/45 - 1500	111TP8234	111TP9365
50	70	90	30	M48 x 1,5	642	DLB44 - 2000	111TP8235	111TP9365

PRESSURE EXCHANGERS

ÉCHANGUERS DE PRESSION - DRUCKÜBERSETZER



1



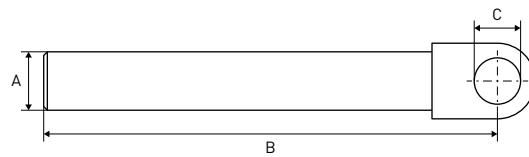
2

Fig	Diameter mm	Info	REF	
			Cylinder	Seal kit
1	40/55	DLB47	111TP8236	111TP2010
2	50/70	DLB47	111TP8238	111TP2016



PISTON RODS

TIGES DE PISTON – KOLBENSTANGEN



A mm	B mm	C mm	Info	REF
55	535	35	DLB47	111TP1996
60	530	35	DLB47	111TP1997
70	533	35	DLB47	111TP1998
75	545	35	DLB47	111TP1999



A mm	B mm	C mm	Info	REF
70	455	30	DLB44	111TP2001
70	474	30	DLB44	111TP2000



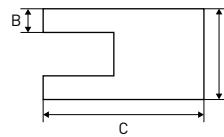
A mm	B mm	C mm	Info	REF
70	456	30	DLB46	111TP8239



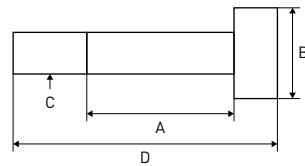
A mm	B mm	C mm	Info	REF
40	305	30	DLB36 – used on REF 111TP1985	111TP2002

PISTON RODS

TIGES DE PISTON - KOLBENSTANGEN



A mm	B mm	C mm	Info	REF
70	M48 x 1,5	200	DLB46	111TP8240



A mm	B mm	C mm	D mm	REF
50	70	M48 x 1,5	545	111TP2003
50	70	M48 x 1,5	554	111TP2004



SEAL KITS

KITS DE JOINTS – DICHTUNGSSÄTZE



- Diameter: 30/50 mm
- DLB45

[REF 111TP2006](#)



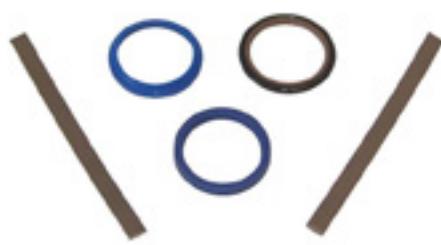
- Diameter: 35/70 mm
- DLB45

[REF 111TP2007](#)



- Diameter: 35/80 mm
- DLB45

[REF 111TP2008](#)



- Diameter: 40/48 mm
- DLB36

[REF 111TP2009](#)



- Diameter: 40/55 mm
- DLB47

[REF 111TP2010](#)



- Diameter: 40/63 mm
- DLB45

[REF 111TP2011](#)



- Diameter: 40/63 mm
- DLB47

[REF 111TP2012](#)



Diameter: 40/70 mm

[REF 111TP8242](#)



SEAL KITS

KITS DE JOINTS - DICHTUNGSSÄTZE



- Diameter: 45/70 mm
- DLB47

[**REF 111TP2013**](#)



- Diameter: 45/70 mm
- DLB27

[**REF 111TP8243**](#)



- Diameter: 50/70 mm
- DLB47

[**REF 111TP2016**](#)



- Diameter: 55/65 mm
- DLB47

[**REF 111TP2018**](#)



- Diameter: 45/70 mm
- HZ/NZ

[**REF 111TP2014**](#)



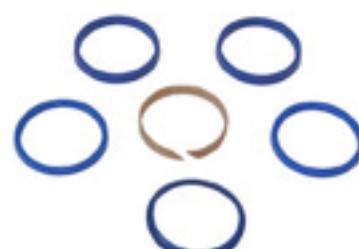
- Diameter: 50/70 mm
- DLB44/45

[**REF 111TP2015**](#)



- Diameter: 50/75 mm
- DLB47

[**REF 111TP2017**](#)



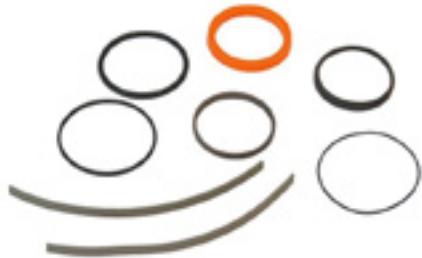
- Diameter: 60/67 mm
- DLB47

[**REF 111TP2019**](#)



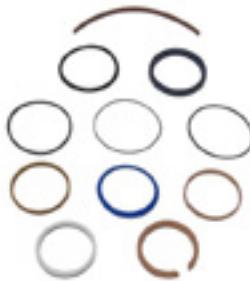
SEAL KITS

KITS DE JOINTS – DICHTUNGSSÄTZE



- Diameter: 63/75 mm
- DLB36

[**REF 111TP2020**](#)



- Diameter: 63/75 mm
- DLB44

[**REF 111TP2021**](#)



- Diameter: 70/80 mm
- DLB47

[**REF 111TP2022**](#)



- Diameter: 70/82 mm
- DLB44/46

[**REF 111TP2023**](#)



- Diameter: 75/85 mm
- DLB47

[**REF 111TP2024**](#)



- Diameter: 50 mm
- Length: 168 mm
- Width: 14,7 mm
- DLB36

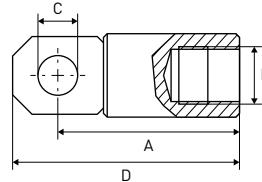
[**REF 111TP8241**](#)

USED ON DAUTEL



EXTENSIONS

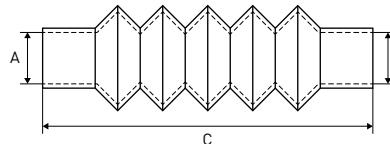
RALLONGES - VERLÄNGERUNG



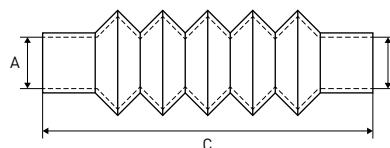
A mm	B	C mm	D mm	REF
305	M48	30	330	111TP2005

DUST COVERS

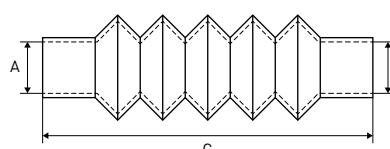
CACHE-POUSSIÈRE - STAUBKAPPE



Diameter	Length		REF		
A mm	B mm	Min - C - Max mm	Cover	Clamp 1	Clamp 2
55	75	150 - 280 - 330	111TP8245	111TP4916	111TP4918



Diameter	Length		REF		
A mm	B mm	Min - C - Max mm	Cover	Clamp 1	Clamp 2
50	70	120 - 310 - 500	111TP2025	111TP4916	111TP4918

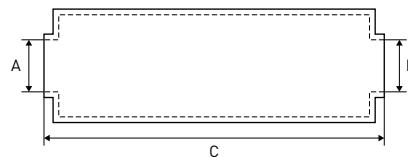


Diameter	Length		REF		
A mm	B mm	Min - C - Max mm	Cover	Clamp 1	Clamp 2
55	80	115 - 270 - 500	111TP2026	111TP4999	111TP4999

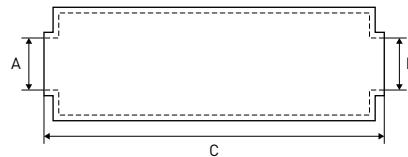


PROTECTIVE COVERS

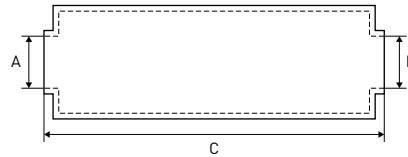
HOUSSES DE PROTECTION – SCHUTZROHRE



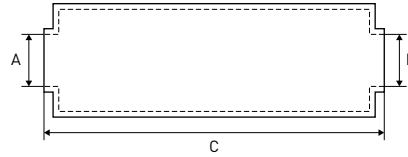
Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
90	90	325	111TP2027	111TP4999



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
55	85	335	111TP2028	111TP4999



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
60	95	330	111TP2029	111TP5004

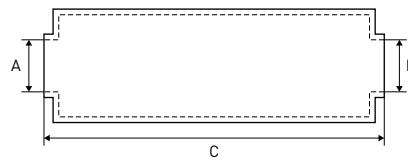


Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
70	105	310	111TP2030	111TP5004

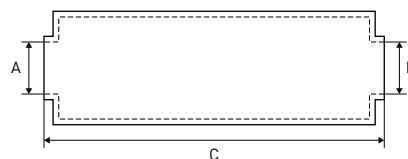


PROTECTIVE COVERS

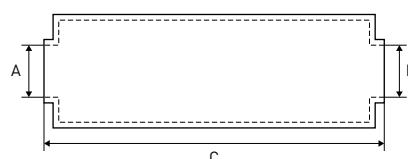
HOUSSES DE PROTECTION - SCHUTZROHRE



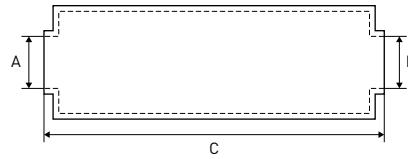
Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
65	105	360	111TP2031	111TP5004



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
100	100	275	111TP2032	111TP5004



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
45	75	235	111TP2033	111TP5004



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
75	90	335	111TP8246	111TP5004

USED ON DAUTEL



COVERS

COUVERCLES - ABDECKUNGEN



Length mm	Height mm	Width mm	REF
370	180	325	111TP2035



Length mm	Height mm	Width mm	REF
340	130	295	111TP2036



Length mm	Height mm	Width mm	REF
435	195	305	111TP2037



Length mm	Height mm	Width mm	REF
890	150	255	111TP8247



Length mm	Height mm	Width mm	REF
343	94	160	111TP8248



Length mm	Width mm	REF
630	300	111TP8249



Length mm	Height mm	Width mm	REF
620	132	255	111TP8250

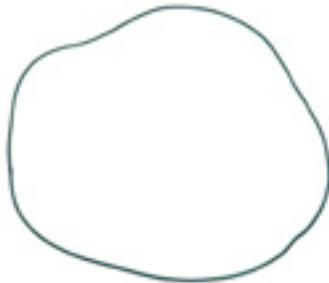


TANKS & OIL RESERVOIRS

RÉSERVOIRS (D'HUILE) - TANKS & ÖLBEHÄLTER



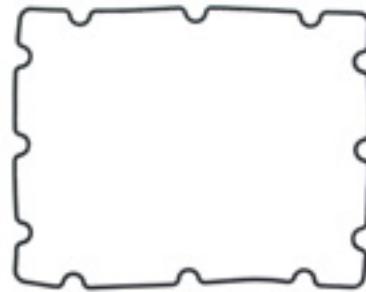
Length mm	Height mm	Width mm	REF
245	147	150	111TP2038



Length mm	Width mm	REF
247	2	111TP2034



Length mm	Height mm	Width mm	REF
265	195	210	111TP2039



Length mm	Width mm	REF
265	210	111TP8257



Length mm	Height mm	Width mm	REF
326	144	150	111TP8254



Length mm	Diameter mm	REF
305	105	111TP8255



Length mm	Height mm	Width mm	REF
285	190	210	111TP8256



Length mm	Height mm	Width mm	Diameter mm	Info	REF
200	165	175	188	X1A	111TP9510



FILTERS & BREATHERS

FILTRES & RENIFLARDS - FILTER & ENTLÜFTER



Length: 430 mm

[REF 111TP2040](#)



Length: 305 mm

[REF 111TP2041](#)



Diameter: 15,3 x 63 mm

[REF 111TP8259](#)

DRAIN PLUGS

BOUCHONS DE VIDANGE - ABLASSSCHRAUBEN



- Thread: 3/8"
- BSP

[REF 111TP2042](#)

USED ON DAUTEL



ELECTRIC MOTORS

MOTEURS ÉLECTRIQUES – ELEKTROMOTOREN



Voltage	kW	Rotation	REF
12	2,0	CW >>	111TP2043
24	2,0	CW >>	111TP2044



Voltage	kW	Rotation	REF
12	0,8	<< CCW	111TP2045
24	1,2	<< CCW	111TP2046



Voltage	kW	Rotation	REF
24	3,0	CW >>	111TP2047



Voltage	kW	Rotation	REF
24	3,0	CW >>	111TP2048



Voltage	kW	Rotation	REF
24	3,0	<< CCW	111TP2049



Voltage	kW	Rotation	REF
24	3,0	CW >>	111TP2050



Voltage	kW	Rotation	REF
12	2,0	<< CCW	111TP2051
24	2,0	<< CCW	111TP2052



Voltage	kW	Rotation	REF
12	2,0	CW >>	111TP2053
24	2,0	CW >>	111TP2054



Voltage	kW	Rotation	REF
24	3,0	CW >>	111TP2055

See chapter Universal parts on page 735 for more parts.



HYDRAULIC PUMPS

POMPES HYDRAULIQUES – HYDRAULIKPUMPEN



CC	Rotation	REF
1,2	CW >>	111TP2056
2,0	CW >>	111TP2057
2,5	CW >>	111TP2058

CC	Rotation	REF
1,7	<< CCW	111TP2060
2,1	<< CCW	111TP2059
2,6	<< CCW	111TP2061

See chapter Universal parts on page 699 for more parts.

SOLENOID SWITCHES/CONTACTORS

SOLÉNOÏDES/CONTACTEURS – MAGNETSCHALTER/SCHÜTZE

	Amperage	Info	REF	
			12 V	24 V
	80		111TP2062	111TP2063
	100		111TP2064	111TP2065
	150		111TP2066	
	100		111TP2067	111TP2068
	150	300 A (5 sec)	111TP2071	111TP2072

See chapter Universal parts on page 701 for more parts.

USED ON DAUTEL

COUPLERS

COUPLEURS - KUPPLUNGEN

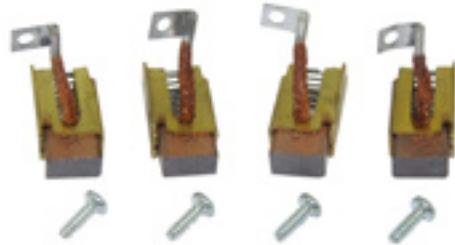


Diameter mm	Height mm	REF
18	25	111TP8260

See chapter Universal parts on page 702 for more parts.

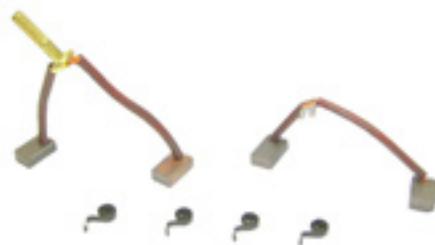
BRUSHES

BALAISS - KOHLEBÜRSTEN



- Voltage: 24 V
- Dimensions: 15,8 x 8,9 x 15,8 mm

[REF 111TP2073](#)



- Voltage: 24 V
- Dimensions: 12,5 x 7,3 x 19,2 mm

[REF 111TP2074](#)



Dimensions: 24,8 x 9,9 x 22,9 mm

[REF 111TP1224](#)



BRUSH ROCKERS

COLLIERS PORTE-BALAIS – KOHLENHALTER



Diameter: 105 mm

[REF 111TP1225](#)

BEARINGS

ROULEMENTS – LAGER



Diameter mm	Height mm	REF
12/32	10	111TP1226
17/35	10	111TP1227
20/42	10	111TP1388



Diameter mm	Height mm	REF
12/32	10	111TP2075

See chapter Universal parts on page 735 for more parts.

BACK BEARING COVERS

COUVERCLES DE ROULEMENT ARRIÈRE – LAGERDECKEL HINTEN



Diameter: 125 mm

[REF 111TP2076](#)



HOSES

TUYAUX – SCHLÄUCHE



Hose diameter		Length mm	Fitting 1 mm	Fitting 2 mm	Info	REF
Inch	mm					
1/4	6,4	500	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP8262
1/4	6,4	650	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP2077
1/4	6,4	800	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP1664
1/4	6,4	650	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP2078
1/4	6,4	750	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP2079
1/4	6,4	820	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP2080



Hose diameter		Length mm	Fitting 1 mm	Fitting 2 mm	Info	REF
Inch	mm					
1/4	6,4	350	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP2081

FITTINGS

RACCOURS – KUPPLUNGEN



- Length: 30 mm
- Thread: 1/4" BSP – M16 x 1,5 mm

REF [111TP8263](#)

USED ON DAUTEL



SOLENOID VALVES

ÉLECTROVANNES - MAGNETVENTILE

	Type	Voltage	Diameter mm	Thread mm	REF
	2/2	12	15	M20 x 1,5	111TP2082
	2/2	24	15	M20 x 1,5	111TP2083

CARTRIDGES

CARTOUCHES - PATRONEN

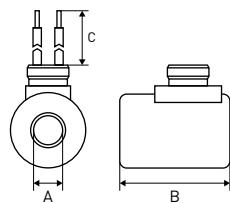
	Type	Diameter mm	Thread	REF
	2/2	12,7	3/4" UNF	111TP2084
	2/2	15	M20 x 1,5 mm	111TP2085
	4/2	15,8-17,4-18,9	7/8" UNF	111TP2086
	2/2	15	M20 x 1,5 mm	111TP2087

USED ON DAUTEL

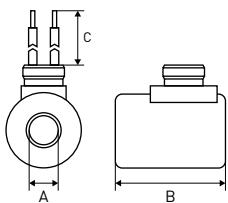


COILS

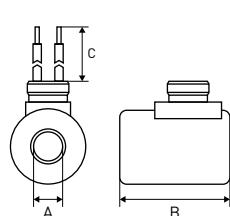
BOÎNES - SPULEN



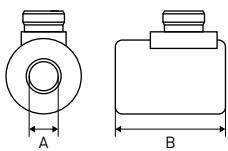
Voltage	Wattage	A mm	B mm	C mm	REF
12	18	13	39	600	111TP2088
12	18	13	39	3450	111TP2089



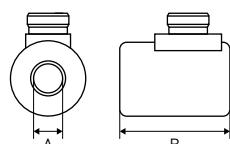
Voltage	Wattage	A mm	B mm	C mm	REF
24	26	16	50	400	111TP2090
24	26	16	50	600	111TP2091



Voltage	Wattage	A mm	B mm	C mm	REF
12	26	18	40	3000	111TP2092
24	26	18	40	3000	111TP2093



Voltage	Wattage	A mm	B mm	Thread mm	REF
12	18	18	40	M27 x 1	111TP2094
24	18	18	40	M27 x 1	111TP2095



Voltage	Wattage	A mm	B mm	Thread mm	REF
26	26	16	50	M27 x 1	111TP2096

VALVE BLOCKS

BOÎTIERS À SOUPAPES - STEUERBLÖCKE



- Length: 122 mm
- Height: 50 mm
- Width: 120 mm
- DLB45

REF [111TP2097](#)

USED ON DAUTEL

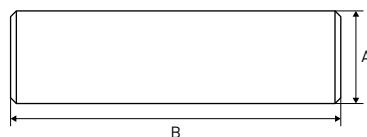


PINS

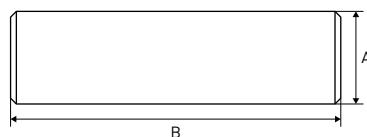
AXES - ACHSEN



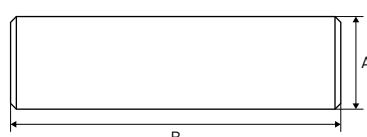
A mm	B mm	Thread	REF
30	93	1/8" BSP	111TP2098
30	110	1/8" BSP	111TP2099
30	125	1/8" BSP	111TP2100
35	140	1/8" BSP	111TP2101



A mm	B mm	Thread	REF
30	77	M10	111TP8264
30	93	M10	111TP2102
30	107	M10	111TP2103
30	125	M10	111TP2104



A mm	B mm	Thread mm	REF
30	270	M10 x 1,5	111TP2105



A mm	B mm	Thread	REF
35	187	M10	111TP8265

USED ON DAUTEL



PINS

AXES - ACHSEN



A mm	B mm	Thread	REF
35	178	M10	111TP2106



A mm	B mm	Thread mm	REF
35	82	M10 x 1	111TP2107
35	92	M10 x 1	111TP2108
35	102	M10 x 1	111TP2109
35	112	M10 x 1	111TP2110
35	160	M10 x 1	111TP2111



A mm	B mm	REF
35	82	111TP2112
35	92	111TP2113
35	102	111TP2114
35	112	111TP2115
35	160	111TP2116



A mm	B mm	Thread	REF
35	175	M10 x 1	111TP2117
35	178	M10 x 1	111TP2118

USED ON DAUTEL

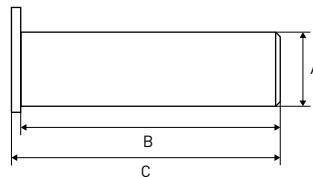


PINS

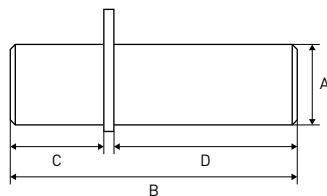
AXES - ACHSEN



A mm	B mm	Thread	REF
30	163	M10	111TP8267



A mm	B mm	C mm	Thread	REF
30	81	88	3/8" NF	111TP2119
30	86	93	3/8" NF	111TP2120
30	104	110	M10 x 1	111TP2121
30	140	146	M10 x 1	111TP8266
35	155	165	M8 x 1	111TP2122



A mm	B mm	C mm	D mm	REF
30	176	82	88	111TP2123
30	185	77	100	111TP8268

PIN HOLDERS

VERROUILLAGE D'AXE - BOLZENSICHERUNGEN



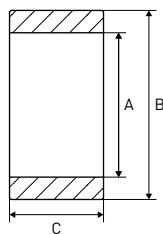
- Diameter: 10,5 mm
- Length: 34 mm
- Height: 15 mm
- Width: 25 mm

REF [111TP2124](#)



PLATFORM ROLLERS

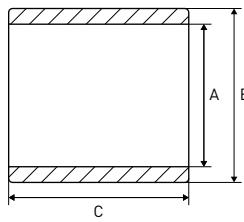
GALETS DE HAYON – PLATTFORMROLLEN



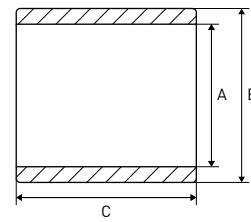
A mm	B mm	C mm	REF
22	100	45	111TP2124
30	90	57	111TP2125
30	120	57	111TP2126
36	90	57	111TP2127
36	120	57	111TP2128

BUSHINGS

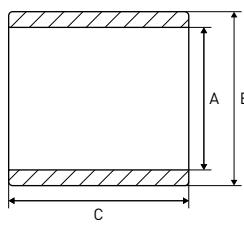
BAGUES – BUCHSEN



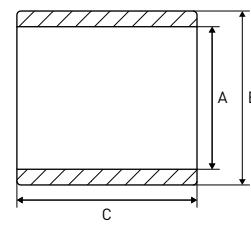
A mm	B mm	C mm	REF
30	36	30	111TP2129
30	36	40	111TP2130
35	41	30	111TP2131



A mm	B mm	C mm	REF
30	36	30	111TP2132
30	36	40	111TP2133



A mm	B mm	C mm	REF
30	36	30	111TP2134
30	36	40	111TP2135
35	41	25	111TP8270
35	41	25	111TP8270
35	41	30	111TP2136
35	41	32,5	111TP2137
35	41	35	111TP2138
35	41	40	111TP2139



A mm	B mm	C mm	REF
35	41	25	111TP8271
30	36	40	111TP8272

See chapter Universal parts on page 705 for more parts.



EYE BOLTS

BOULONS À CEIL – RINGSCHRAUBEN



Diameter mm	Length mm	REF
10	60	111TP2140
12	62	111TP2141



ROLL STOPS & PARTS

BUTÉES DE ROUES & ACCESSOIRES - ABROLLSICHERUNGEN & ERSATZTEILE



1



2

1. REF [111TP2145](#) – Left
2. REF [111TP2146](#) – Right

SPRINGS & GAS SPRINGS

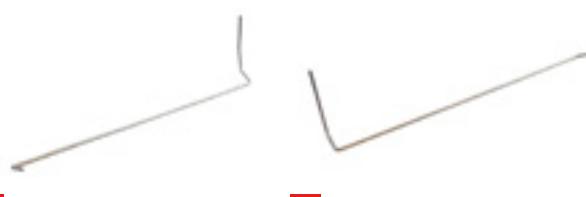
RESSORTS & VÉRINS À GAZ – FEDERN & GASDRUCKFEDERN



Diameter mm	Length mm	REF
11/2	68	111TP2147



Diameter mm	Length mm	REF
2 x 30	585	111TP8274



1

2

Diameter mm	Length mm	Info	REF
11	1040	Left	111TP2149
11	1040	Right	111TP2150



Length mm	Info	REF
439	1800N - HZH	111TP2148



Length mm	Height mm	Width mm	REF
54	20,5	25	111TP2151

See chapter Universal parts on page 707 for more parts.



SLIDER BLOCKS, ROLLERS & WEAR PLATES

BLOCS DE DÉFILEMENT, GALETS & PLAQUES D'USURE - GLEITBLÖCK, LAUFROLLEN & VERSCHLEISSPLATTEN



Length: 400 mm

[REF 111TP8275](#)

CAPS

BOUCHONS - DECKEL



Diameter: 114,3 mm

[REF 111TP2152](#)



Diameter: 92 mm

[REF 111TP2153](#)



Length: 210 mm

1. [REF 111TP8276](#) - Left
2. [REF 111TP8277](#) - Right

See chapter Universal parts on page 707 for more parts.

PLATFORM LOCKS

VERROUILLAGE DE PLATEFORME - PLATTFORMVERSCHLÜSSE



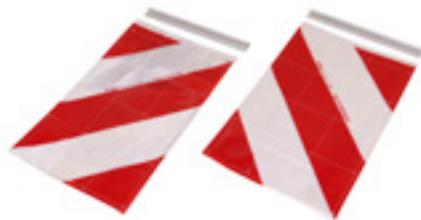
Thread: 2 x M5

[REF 111TP2154](#)



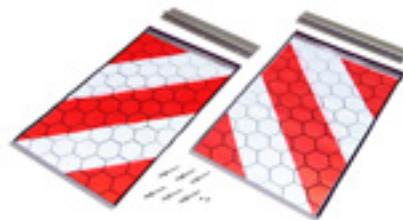
PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



- Length: 400 mm
- Width: 250 mm
- § 53b Abs. 5 StVZO
- TÜV/CE with certificate

REF [111TP2155](#)



- Length: 400 mm
- Width: 250 mm
- § 53b Abs. 5 StVZO
- TÜV/CE with certificate

REF [111TP1320](#)



- Length: 340 mm
- Width: 250 mm

REF [111TP2156](#)



- Length: 360 mm
- Width: 250 mm

REF [111TP8280](#)



- Length: 270 mm
- Width: 65 mm

REF [111TP8281](#)



- Length: 40 mm
- Width: 26 mm

REF [111TP8278](#)



DLB45

REF [111TP8279](#)

See chapter Universal parts on page 708 for more parts.



TOGGLE SWITCHES

INTERRUPEURS À LEVIER – KIPPSCHALTER



2 x NO

[REF 111TP2202](#)



2 x NO (I-O-I)

[REF 111TP2203](#)



1 x NO (I-O-I)

[REF 111TP2204](#)



1 x NO (I-O-I)

[REF 111TP2205](#)

BATTERY/EMERGENCY SWITCHES & PARTS

COUPE BATTERIE/INTERRUPEURS D'ARRÊT D'URGENCE & ACCESSOIRES – BATTERIE-/NOTSTOPPSCHALTER & ERSATZTEILE



Used on REF 111TP2202 +
111TP2204 + 111TP2205

[REF 111TP8295](#)



Diameter: 21,6 mm

[REF 111TP2170](#)



SENSORS & SWITCHES

CAPTEURS & INTERRUPEURS - SENSOREN & SCHALTER



- Voltage: 10/36 V
- Length: 6000 mm
- Thread: M12 x 54 mm
- IP67

REF [111TP2172](#)



- Length: 5000 mm
- Thread: M12 x 1 x 55 mm

REF [111TP2175](#)



Length: 500 mm

REF [111TP8283](#)



Length: 1000 mm

REF [111TP2174](#)



Length: 1600 mm

REF [111TP2176](#)



Length: 1690 mm

REF [111TP8284](#)



Length: 3250 mm

REF [111TP2173](#)



CONTROL BOXES & PARTS

BOÎTIERS DE CONTRÔLE & ACCESSOIRES – BEDIENKÄSTEN & ERSATZTEILE



- Length: 340 mm
- Width: 125 mm

REF [111TP2171](#)

CONTROLLERS

COMMANDES – BEDIENUNGEN



HYDEM

Operate your tail lift with our high-quality hand controls available in 2- or 3-button configurations.

Your benefits:

- Maximum comfort, high productivity
- Unique ergonomic design
- Easy push system
- With magnet and ring for easy handling
- Rubber shock absorber
- Usable in cold and wet environments

Applications:

Tail lifts, winches, cranes to name a few

Specifications:

- Protection (IP): IP44 according to EN 60 529
- Contact type: Mafelec (push button)
- Max amperage: 10 A
- Operating temperature: -25 °C up to 60 °C
- Material: ABS plastic with rubber buffer
- Cable: polyurethane 3,5 metres working length

Available colours:

Orange, yellow, green, red and blue

Available in different colours and in 2- or 3-button configurations.

Ask for your quantity discount. All models are equiped with Mafelec switches.

2-button hand controls with cable and connector

Make	Colour	REF
Dautel 3-pin	Green	111TP5191
Dautel 7-pin	Green	111TP5192

2-button hand controls without cable

Colour	REF
Orange	111TP5214
Blue	111TP5215
Red	111TP5216
Yellow	111TP5217
Green	111TP5218

3-button hand controls with cable and connector

Make	Colour	REF
Dautel	Green	111TP5203

3-button hand controls without cable

Colour	REF
Orange	111TP5219
Blue	111TP5220
Yellow	111TP5221
Red	111TP5222
Green	111TP5223



USED ON DAUTEL

CONTROLLERS

COMMANDES - BEDIENUNGEN



- 2 x NO
- Mafelec switch

[REF 111TP8092](#)



- 1 x NO + 1 x NC
- Mafelec switch

[REF 111TP8093](#)

See chapter Universal parts on page 712 for more parts.

FOOT CONTROLLERS & PARTS

COMMANDES AU PIED & ACCESSOIRES - FUSSSCHALTER & ERSATZTEILE



- Length: 500 mm
- Lift

[REF 111TP2159](#)



- Length: 500 mm
- Lower

[REF 111TP2160](#)



- Length: 6000 mm
- Lift

[REF 111TP2161](#)



- Length: 6000 mm
- Lower

[REF 111TP2162](#)



- Length: 500 mm
- Neutral

[REF 111TP2163](#)



- Length: 500 mm
- Lift

[REF 111TP2164](#)



FOOT CONTROLLERS & PARTS

COMMANDES AU PIED & ACCESSOIRES – FUSSSCHALTER & ERSATZTEILE



- Length: 500 mm
- Lower

REF [111TP2165](#)



Length mm	Info	REF
750	Up	111TP2166
750	Lower	111TP2167
	Up - H (only housing)	111TP2177
	Down - S (only housing)	111TP2178



Diameter: 70 mm

REF [111TP2169](#)

USED ON DAUTEL



BATTERY CABLES

CÂBLES DE BATTERIE – BATTERIEKABEL



- Length: 10 m
- Wire size: 25 mm²

[REF 111TP2181](#)



- Length: 10 m
- Wire size: 50 mm²

[REF 111TP2182](#)

KOSTAL CABLES

CÂBLES KOSTAL – KOSTALKABEL



HYDEM

- Length: 4000 mm
- Thread: M24 x 1 mm/M27 x 1 mm

[REF 111TP2183](#)

CABLES & PARTS

CÂBLES DE BATTERIE – KABEL & ERSATZTEILE

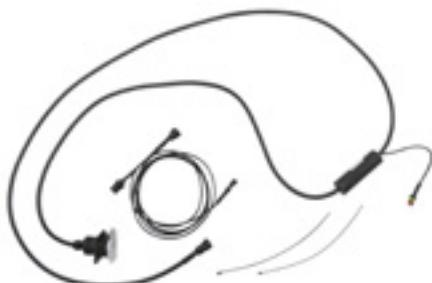


Length: 5150 mm

[REF 111TP2184](#)



- [REF 111TP8168](#) – Voltage: 12 V
[REF 111TP8557](#) – Voltage: 24 V



Length: 4120 mm

[REF 111TP8286](#)

See chapter Universal parts on page 717 for more parts.



CONNECTORS & PARTS

CONNECTEURS & ACCESSOIRES - STECKER & ERSATZTEILE



3-pole

[REF 111TP2185](#)



3-pole

[REF 111TP2186](#)



Male

[REF 111TP2187](#)



Female

[REF 111TP2188](#)

See chapter Universal parts on page 719 for more parts.

USED ON DAUTEL

FLASHER LIGHTS & PARTS

LAMPES TORCHES & ACCESSOIRES – BLINKLEUCHTEN & ERSATZTEILE



LED

REF 111TP2189 – Voltage: 12 V

REF 111TP2190 – Voltage: 24 V



Used on REF 111TP2189 + 111TP2190

REF 111TP8287



LED

REF 111TP2191 – Voltage: 12 V

– Wattage: 4 W

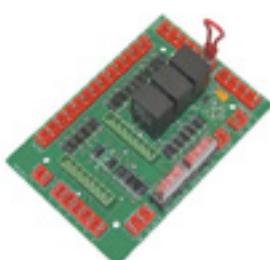
REF 111TP2192 – Voltage: 24 V

– Wattage: 8 W

See chapter Universal parts on page 725 for more parts.

PRINTED CIRCUIT BOARDS/CONTROLLERS

CIRCUITS IMPRIMÉS/COMMANDES – LEITERPLATTEN/BEDIENUNGEN



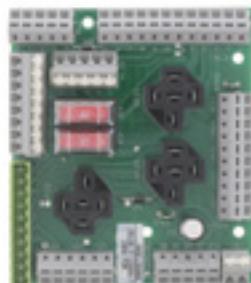
DLB47

REF 111TP2193



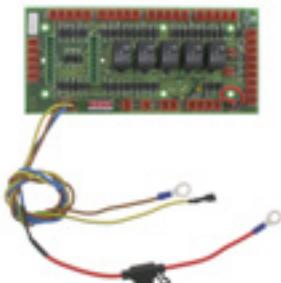
DLB45

REF 111TP2194



DLB36

REF 111TP8288



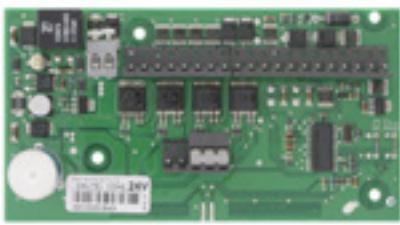
DS48

REF 111TP8289



PRINTED CIRCUIT BOARDS/CONTROLLERS

CIRCUITS IMPRIMÉS/COMMANDES – LEITERPLATTEN/BEDIENUNGEN



DLB45

[REF 111TP8292](#)



DS48

[REF 111TP8290](#)

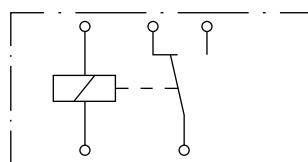


DLB50

[REF 111TP8291](#)

RELAYS

RELAIS – RELAIS



Voltage	Wattage	Info	REF
12	20/30	NO/NC	111TP8294
24	20/30	NO/NC	111TP1917

See chapter Universal parts on page 727 for more parts.

USED ON DAUTEL

FUSES

FUSIBLES – SICHERUNGEN



DIN 72581/5

Amperage	REF
125	111TP2195
150	111TP1925
200	111TP1926
250	111TP1927



DIN 43560/1

Amperage	REF
100	111TP2196
135	111TP2197
200	111TP2198



Amperage	Remark	REF
150/200	Universal	111TP2199

See chapter Universal parts on page 728 for more parts.

FUSE HOLDERS & PARTS

PORTE-FUSIBLES & ACCESSOIRES – SICHERUNGSHALTER & ERSATZTEILE



Thread: M8

[REF 111TP2200](#)



Thread: M8

[REF 111TP2201](#)

See chapter Universal parts on page 732 for more parts.

BATTERY COVERS/HOUSINGS

COUVERCLES/LOGEMENTS BATTERIE – BATTERIEKÄSTEN/-DECKEL



- Length: 713 mm
- Width: 550 mm

[REF 111TP2206](#)



USED ON
DHOLLANDIA

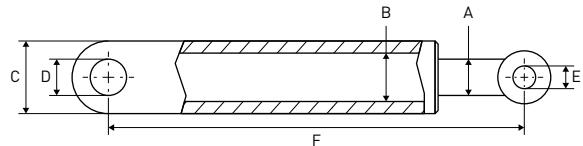
USED ON DHOLLANDIA



CYLINDERS - VÉRINS/CYLINDRES - ZYLINDER

LIFT CYLINDERS

VÉRINS DE LEVAGE - HUBZYLINDER

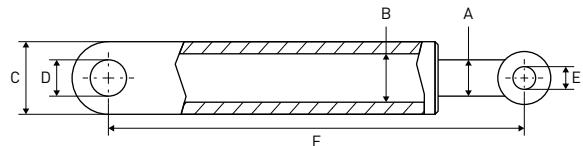


OK180

A mm	B mm	C mm	D mm	E mm	F mm	Info	REF
						Cylinder	Seal kit
35	50	58	25	21	405	Left	111TP2207 111TP9472
35	50	58	25	21	405	Right	112TP9907 111TP9472



HYDEM

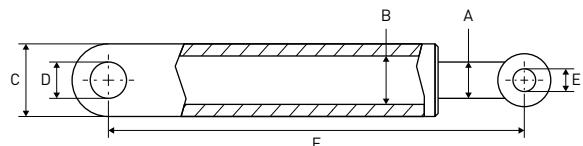


Left/right - CH14

A mm	B mm	C mm	D mm	E mm	F mm	REF	
						Cylinder	Seal kit
40	70	80	30	M33	590	111TP2208	111TP2285

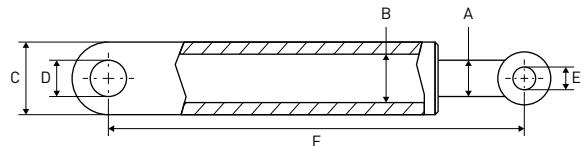


HYDEM



Left/right - CH1401

A mm	B mm	C mm	D mm	E mm	F mm	REF	
						Cylinder	Seal kit
40	60	70	30	M33	560	111TP2209	111TP9821



CH28 .050.30.0250.L

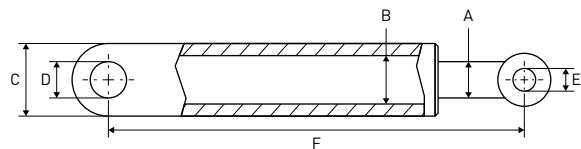
A mm	B mm	C mm	D mm	F mm	REF	
					Cylinder	Seal kit
30	50	58	20	410	111TP8297	111TP9473

USED ON DHOLLANDIA



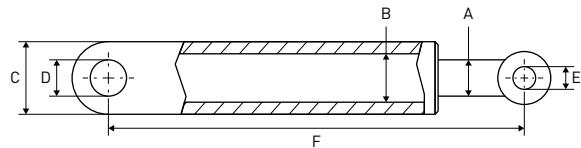
LIFT CYLINDERS

VÉRINS DE LEVAGE - HUBZYLINDER



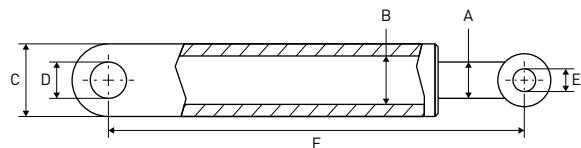
CH28.050.30.0250.R

A mm	B mm	C mm	D mm	F mm	REF
					Cylinder Seal kit
30	50	58	20	410	111TP9429 111TP9473



CH28.050.30.0295DL/L
Left

A mm	B mm	C mm	D mm	E mm	F mm	REF
						Cylinder Seal kit
30	50	60	25	27/30	530	111TP2213 111TP2272



CH28.050.30.0295DL/R
Right

A mm	B mm	C mm	D mm	E mm	F mm	REF
						Cylinder Seal kit
30	50	60	25	27/30	590	111TP2214 111TP2272

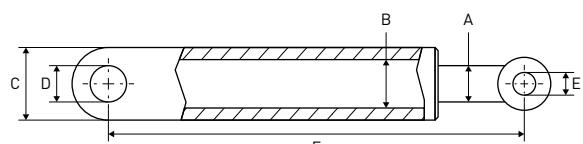
USED ON DHOLLANDIA



CYLINDERS - VÉRINS/CYLINDRES - ZYLINDER

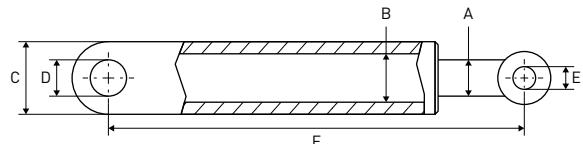
TILT CYLINDERS

VÉRIN D'INCLINAISON - SCHLIESZYLINDER



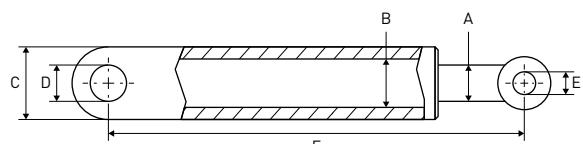
SC8.080.40.236.D.R
DH-LM 1500/2000
Right

A mm	B mm	C mm	D mm	E mm	F mm	REF
						Cylinder Seal kit
40	80	90	30	M49 x 2	385	111TP2215 111TP9474



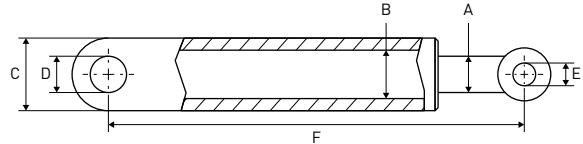
SKS266 SC8 - DH-LM 1500/2000

A mm	B mm	C mm	D mm	E mm	F mm	REF
						Cylinder Seal kit
40	80	90	30	M49 x 2	412	111TP2216 111TP9474



HYDEM version, universal for left and right side
CS3801
CS38.070.35.0070R

A mm	B mm	C mm	D mm	E mm	F mm	REF
						Cylinder
35	70	80	30	M30	198	111TP2218



SC10 - DH-LM 1500/2000/2500

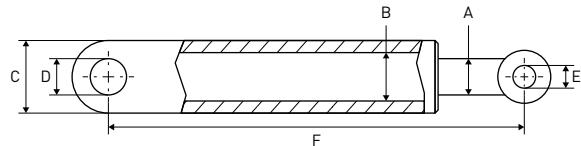
A mm	B mm	C mm	D mm	E mm	F mm	REF
						Cylinder Seal kit
40	70	90	30	Ø 37/40	195	111TP2219 111TP8305

USED ON DHOLLANDIA



TILT CYLINDERS

VÉRIN D'INCLINAISON – SCHLIESSZYLINDER



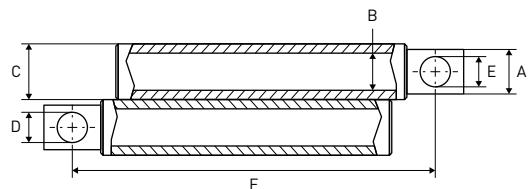
CS10.070.40.0070 DA

A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
40	70	90	30	Ø 37/40	195	M14 x 180 SC10 EDS – DH-LM 1500/2000/2500	111TP2221	111TP8305
						M14 x 150 mm SC10 EDS DH-LM 1500/2000/2500	111TP2220	111TP8305
						M14 x 150 mm DH-LM 1500/2000/2500 HYDEM version, only 1 extension (instead of spacer + extension)	111TP9431	111TP9307



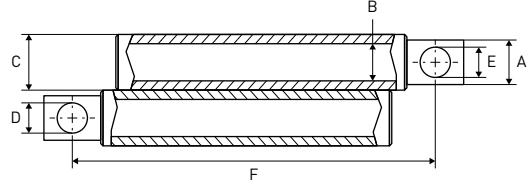
RETRACTION CYLINDERS

VÉRINS DE RÉTRACTION - ZEICHZYLINDER



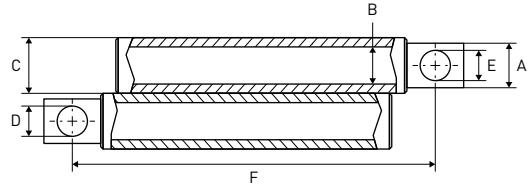
CAD07.050.35.1100

A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
35	50	60	17	17	729	With metal pipes	111TP2222	111TP9475
						HYDEM version, with hydraulic hoses	111TP8558	111TP9820



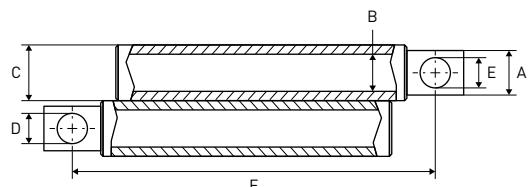
CAD07.050.35.1300

A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
35	50	60	17	17	829	DKC 1300 With metal pipes	111TP2223	111TP9475
						HYDEM version, with hydraulic hoses	111TP8559	111TP9820



CAD13.040.30.1100

A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
30	40	50	17	17	729	DKB 1100 With metal pipes	111TP8299	111TP9476
						HYDEM version, with hydraulic hoses	111TP8298	111TP9476



CAD13.040.30.1300

A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
30	40	50	17	17	829		111TP8300	111TP9476



PRESSURE EXCHANGERS

ÉCHANGUERS DE PRESSION – DRUCKÜBERSETZER



1



2



3



4

Fig	Diameter mm	Info	REF
1	80/115	GS 100-80	111TP2226
2	80/116	GS 100-80	111TP8301
3	80/120	GS 120-80	111TP2224
4	80/140	GS 140-80	111TP2225

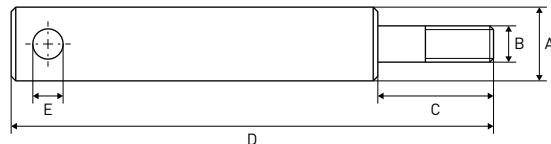


PISTON RODS

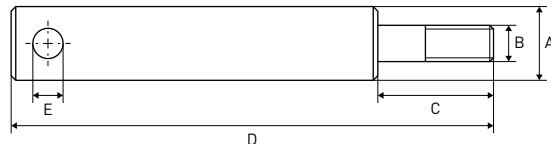
TIGES DE PISTON - KOLBENSTANGEN



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF
30	M20	M27	32	70	372	SKM	111TP2227
35	M20	M20	57	57	660	DKD	111TP2233
35	M33	M24	72	30	361		111TP2236



A mm	B mm	C mm	D mm	Info	REF
40	180	175	355	EDS 150	111TP5139
40	240	175	415	EDS 180	111TP2228
30	25	323	363	OK D50	111TP2229
40	M33	30	435	OK 310	111TP2238



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF
40	M33	46	450	85	65	SKS 236	111TP2237
30	M20	27	670	17		DKB	111TP2230
35	M20	27	670	17		DKC 1100	111TP2232
35	M20	27	770	17		DKC 1300	111TP2231

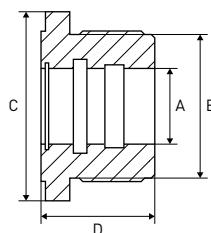


A mm	D mm	E mm	F mm	Info	REF
35	16	30	435	OK 311	111TP2235
40	24	30	200	SDS	111TP2234



CYLINDER HEADS

CULASSES - ZYLINDERKÖPFE

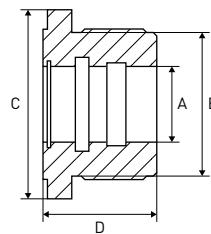


	A mm	B mm	C mm	D mm	Info	REF
	30	40	60	56	HYDEM version	111TP2239
	30	50	50	47		111TP2241
	30	50	70	50		111TP2242
	35	50	70	50	HYDEM version	111TP2243
	35	60	190	50		111TP2252
	35	65	80	50		111TP8302
	35	70	90	50	HYDEM version	111TP2246



CYLINDER HEADS

CULASSES - ZYLINDERKÖPFE



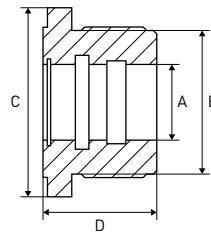
	A mm	B mm	C mm	D mm	Info	REF
	35	75	90	52		111TP2245
	35	35	70	40,2		112TP4512
	35	42	89	52		112TP4514
	40	60	80	50	HYDEM version	111TP2247
	40	90	100	65		111TP2250
	40	100	128	65		111TP2251

USED ON DHOLLANDIA



CYLINDER HEADS

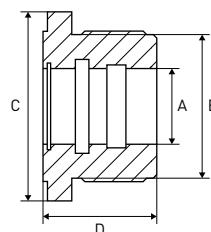
CULASSES – ZYLINDERKÖPFE



	A mm	B mm	C mm	D mm	Info	REF
	40	70	90	65		111TP2248
HYDEM	40	65	90	65	HYDEM version, steel	111TP9432

CYLINDER HEADS

CULASSES – ZYLINDERKÖPFE



	A mm	B mm	C mm	D mm	Info	REF
	40	80	100	65		111TP2249
HYDEM	40	80	100	65	HYDEM version, steel	111TP9433

USED ON DHOLLANDIA



PISTONS PISTONS - KOLBEN			
	Diameter mm	Info	REF
	30/50	SA/EW	111TP2260
	30/50	HYDEM version, steel	111TP9436

PISTONS PISTONS - KOLBEN			
	Diameter mm	Info	REF
	40	SA/EW - SKSV -...-2009	111TP2267
	40/60	SA/EW	111TP2255
	40/60	HYDEM version, steel	111TP9434

PISTONS PISTONS - KOLBEN			
	Diameter mm	Info	REF
	40/80	SA/EW	111TP2257
	40/80	HYDEM version, steel	111TP9435

USED ON DHOLLANDIA



PISTONS			
PISTONS – KOLBEN			
	Diameter mm	Info	REF
	35/50	SA/EW	111TP2261
	35/60	HYDEM version, SA/EW	111TP2262
	35/70	HYDEM version, SA/EW	111TP2263
	35/80	SKS	111TP2258
	40	HYDEM version, DA/DW – KID	111TP2259
	40/70	HYDEM version, SA/EW	111TP2256

CYLINDER PARTS – PIÈCES DE CYLINDRE – ZYLINDER-ERSATZTEILE



PISTONS PISTONS - KOLBEN			
	Diameter mm	Info	REF
	40/90	SA/EW	111TP2265
	50	HYDEM version, DA/DW - DKC	111TP2254
	50	DA/DW - DK/DKD	111TP2253
	50	SA/EW - SKM	111TP2264
	50	SA/EW - SKM 2010-...	111TP2266



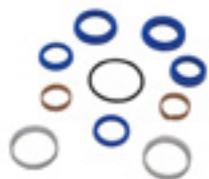
SEAL KITS

KITS DE JOINTS – DICHTUNGSSÄTZE



Diameter: 30/38 mm

REF [111TP2268](#)



- Diameter: 30/50 mm
- DSE050.30

REF [111TP2270](#)



- Diameter: 30/50 mm
- DSE050.30.C

REF [111TP2272](#)



- Diameter: 30/60 mm
- DSE060.30.C

REF [111TP2274](#)



Diameter: 35/50 mm

REF [111TP2275](#)



- Diameter: 30/40 mm
- DSD040.30

REF [111TP2269](#)



Diameter: 30/50 mm

REF [111TP2271](#)



Diameter: 30/50 mm

REF [111TP2273](#)



Diameter: 34/50 mm

REF [111TP8303](#)



- Diameter: 35/50 mm
- DD50

REF [111TP2276](#)



SEAL KITS

KITS DE JOINTS - DICHTUNGSSÄTZE



Diameter: 35/60 mm

[REF 111TP2277](#)



- Diameter: 35/60 mm
- DSED60.35.C

[REF 111TP2279](#)



- Diameter: 35/70 mm
- DSE070.35.B

[REF 111TP2281](#)



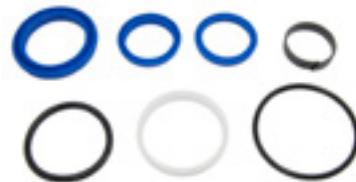
- Diameter: 40/30 mm
- DD040.TPM

[REF 111TP8304](#)



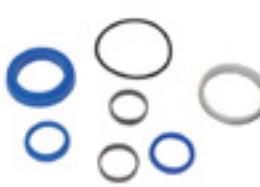
Diameter: 40/60 mm

[REF 111TP2284](#)



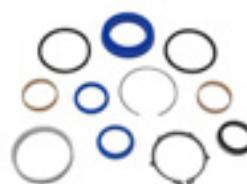
- Diameter: 35/60 mm
- DSE060.35

[REF 111TP2278](#)



- Diameter: 35/70 mm
- DSE070.35

[REF 111TP2280](#)



- Diameter: 35/70 mm
- DSE070.35.C

[REF 111TP2282](#)



- Diameter: 40/50 mm
- DSD050.40

[REF 111TP2283](#)



HYDEM

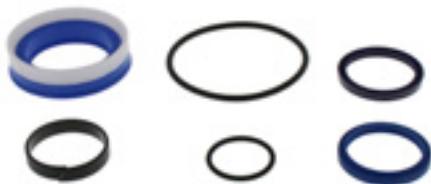
- Diameter: 40/60 mm
- DSE060.40

[REF 111TP9821](#)



SEAL KITS

KITS DE JOINTS – DICHTUNGSSÄTZE



- Diameter: 40/70 mm
- DSE070.40

REF [111TP2285](#)



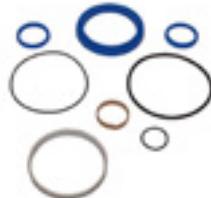
- Diameter: 40/70 mm
- DSE070.40

REF [111TP8305](#)



- Diameter: 40/80 mm
- DSE080.40.C

REF [111TP8306](#)



Diameter: 40/100 mm

REF [111TP2289](#)



- Diameter: 55/90 mm
- DSE090.55

REF [111TP2291](#)



Diameter: 40/70 mm

REF [111TP2286](#)



- Diameter: 40/80 mm
- DSE080.40

REF [111TP2287](#)



- Diameter: 40/90 mm
- DSE090.40

REF [111TP2288](#)



Diameter: 55/80 mm

REF [111TP2290](#)



Diameter: 40/60 mm

REF [111TP8307](#)



SEAL KITS

KITS DE JOINTS - DICHTUNGSSÄTZE



Diameter: 40/60 mm

REF 111TP2292



Diameter: 80/100 mm

REF 111TP2293



Diameter: 80/120 mm

REF 111TP2294



Diameter: 80/140 mm

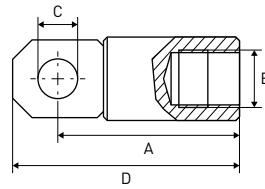
REF 111TP2295

USED ON DHOLLANDIA

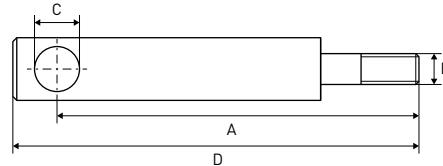


ROD ENDS

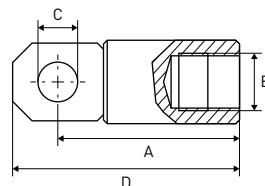
ROTULES - GELENKKÖPFE



A mm	B mm	C mm	D mm	Info		REF
60	M33	25	80	OK 310		111TP2296
120	M33	25	140	OK 310		111TP2298
150	M33	25	170	OK 310		111TP2299
180	M33	25	220	OK 310		111TP2297
210	M33	25	232	OK 310		111TP2301
240	M33	25	262	OK 310		111TP2302



A mm	B mm	C mm	D mm	REF
385	M49	30,2	405	111TP2303

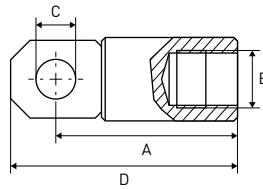


A mm	B mm	C mm	D mm	Info		REF
60	30	21	78			111TP2307
60	35	21	78			111TP2306
70	35	25	90	ARM 25		111TP2304
70	40	25	90	ARM 25		111TP2305
70	35	25	90	ARM 30		111TP5010



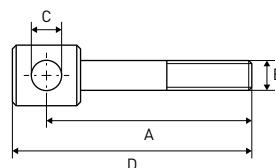
ROD ENDS

ROULES - GELENKKÖPFE

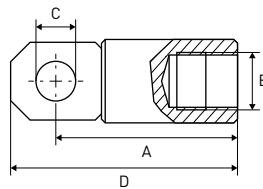


HYDEM

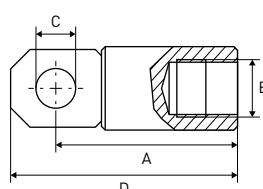
A mm	B mm	C mm	D mm	Info	REF
70	40	25	90	HYDEM version, with thread inside (M33 x 2) Used on cylinder REF 111TP9428	111TP9437



A mm	B mm	C mm	D mm	Info	REF
70	M20	25	87	DK/DKD	111TP2308



A mm	B mm	C mm	D mm	Info	REF
70	M33	25	90	ARM 30	111TP2309

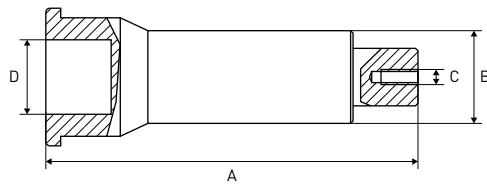


A mm	B mm	C mm	D mm	Info	REF
95	M33	35	120	OK 310	111TP2300



SUPPORT RODS

TIGES DE SUPPORT - KOLBENSTÜTZE



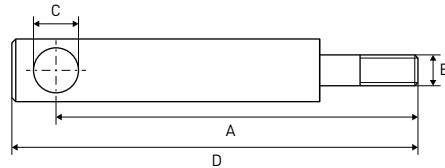
A mm	B mm	C	D mm	Info	REF
180	49	M12	M30 x 1,5	150 mm – Used on cylinder REF 111TP2220 + 111TP2221	111TP2310
180	49	M12	Ø 40 – conical		111TP5095
240	49	M12	M30 x 1,5	180 mm – Used on cylinder REF 111TP2220 + 111TP2221	111TP2311
240	49	M12	Ø 40 – conical		111TP5096

USED ON DHOLLANDIA

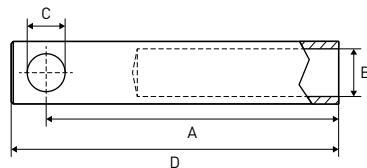


EXTENSIONS

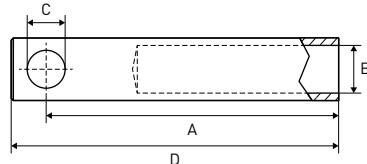
RALLONGES - VERLÄNGERUNG



A mm	B mm	C mm	D mm	REF
325	M49	30	349	111TP2312
325	M49	35	349	111TP2314
445	M49	30	467	111TP2313



A mm	B mm	C mm	D mm	Info	REF
490	55	30	513	ED 150	111TP2315
550	55	30	572	ED 150	111TP2316
610	55	30	633	ED 150	111TP2317
670	55	30	692	ED 150	111TP2318
730	55	30	753	ED 150	111TP2319
830	55	30	853	ED 150	111TP2320

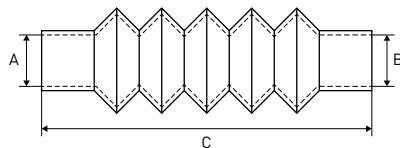


A mm	B mm	C mm	D mm	Info		REF
129	M33	34	145			111TP8308
155	M33	34	177			111TP8309
235	M33	34	257			111TP8310
315	M33	34	338	ED 150		111TP2321
395	M33	34	417			111TP8311
645	M33	30	670			111TP9840
705	M33	30	730			111TP9841

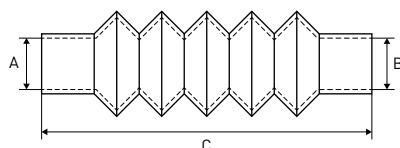


DUST COVERS

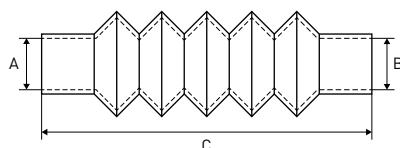
CACHE-POUSSIÈRE – STAUBKAPPE



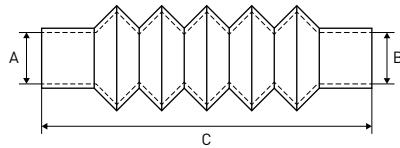
Diameter		Length	REF		
A mm	B mm	Min – C – max mm	Cover	Clamp 1	Clamp 2
42	60	115 – 160 – 360	111TP9842	111TP4916	111TP4918



Diameter		Length	REF		
A mm	B mm	Min – C – max mm	Cover	Clamp 1	Clamp 2
55	70	120 – 310 – 500	111TP2322	111TP4916	111TP4918



Diameter		Length	REF		
A mm	B mm	Min – C – max mm	Cover	Clamp 1	Clamp 2
55	130	140 – 350 – 550	111TP2323	111TP4999	111TP4924

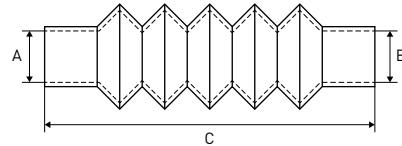


Diameter		Length	REF		
A mm	B mm	Min – C – max mm	Cover	Clamp 1	Clamp 2
63	90	90 – 160 – 265	111TP2324	111TP5004	111TP5005

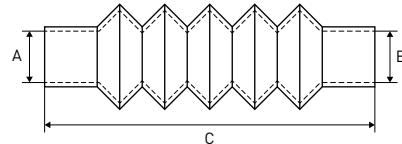


DUST COVERS

CACHE-POUSSIÈRE - STAUBKAPPE



Diameter		Length	REF		
A mm	B mm	Min - C - max mm	Cover	Clamp 1	Clamp 2
70	70	110 - 250 - 450	111TP2325	111TP4916	111TP5005



Diameter		Length	REF		
A mm	B mm	Min - C - max mm	Cover	Clamp 1	Clamp 2
70	90	125 - 225 - 290	111TP2326	111TP4916	111TP4921

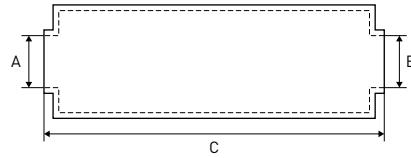


PROTECTIVE COVERS

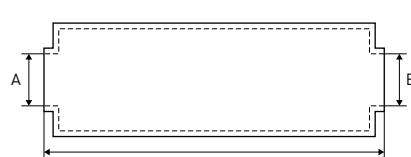
HOUSSES DE PROTECTION - SCHUTZROHRE



Diameter		Length	REF
A mm	B mm	C mm	Cover
55	65	63	111TP2327



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
60	90	120	111TP2328	111TP5004



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
65	75	380	111TP2329	111TP5004

LOCKING RINGS

BAGUES D'ARRÊT - SICHERUNGSRINGE



- Outer diameter: 64,7 mm
- Height: 15,2 mm
- Thread: M49

REF [111TP2330](#)

BRACKETS

SUPPORTS - BÜGEL



- Used on REF 111TP2225
- GS140

REF [111TP2331](#)



ADJUSTABLE BUSHINGS

BAGUES RÉGLABLES - EINSTELLBUCHSEN



- Diameter: 75 mm
- Length: 85 mm

REF [111TP2332](#)

SUPPORTS

SUPPORTS - STÜTZE



1



2



3

Fig	Length mm	Width mm	Height mm	Info	REF
1	800	143	66	DKD	111TP2333
2	830	252	95	DKC 1300	111TP2334
3	735	250	60	DKC 1100	111TP2886

USED ON DHOLLANDIA



SEALS

JOINTS – DICHTUNG



Diameter mm	REF
35	111TP2411



Diameter mm	REF
40	111TP2412



Diameter mm	REF
50	111TP8313



Diameter mm	REF
60	111TP8315



Diameter mm	REF
70	111TP8314



Diameter mm	REF
80	111TP2410

SEAL RINGS

BAGUES D'ÉTANCHÉITÉ – DICHTRING



Diameter mm	REF
14 x 10 x 1	111TP2402
14 x 10 x 1,5	111TP8312
14 x 10 x 2	111TP2401

**CU-SEALS**

JOINTS CU - CU-DICHTUNG



Diameter	Dimensions mm	REF
M10	10,7 x 16,08 x 1,5	111TP2403
1/4"	13,74 x 20,57 x 2	111TP2404
3/8"	17,28 x 23,8 x 2	111TP2405
M18	18,7 x 26 x 1,5	111TP2406
1/2"	21,54 x 28,58 x 2,5	111TP2407

See chapter Universal parts on page 695 for more parts.

SCRAPERS

SEGMENTS RACLEURS - ABSTREIFER



Dimensions mm	REF
35 x 43 x 5/7	111TP2408
45 x 53 x 5/7	111TP2409

USED ON DHOLLANDIA



COVERS

COUVERCLES - ABDECKUNGEN



Length mm	Height mm	Width mm	kW	REF
450	180	235	3	111TP2413



Length mm	Height mm	Width mm	kW	REF
410	230	335	2	111TP2414



Length mm	Height mm	Width mm	kW	REF
325	250	265	2	111TP2415



Length mm	Height mm	Width mm	kW	REF
375	265	280	3	111TP2416



HYDEM

Length mm	Height mm	Width mm	Info	REF
385	295	355	LM4	111TP2418



HYDEM

Length mm	Height mm	Width mm	REF
355	150	285	111TP2417



Length mm	Height mm	Width mm	REF
395	170	310	111TP2419



HYDEM

Length mm	Height mm	Width mm	Info	REF
415	180	320	2010	111TP2420

USED ON DHOLLANDIA



COVERS

COUVERCLES - ABDECKUNGEN



Length mm	Height mm	Width mm	REF
415	240	250	111TP2421



Length mm	Height mm	Width mm	Info	REF
388	250	325	LM10 2012-...	111TP2422



HYDEM version, with switch + joystick

Length mm	Height mm	Width mm	REF
385	300	355	111TP9466



HYDEM version, only cover

Length mm	Height mm	Width mm	REF
385	300	355	111TP9467



HYDEM version, with pushbutton + joystick

Length mm	Height mm	Width mm	REF
385	300	355	111TP9468



HYDEM version, with key switch + joystick

Length mm	Height mm	Width mm	REF
385	300	355	111TP9469

FLANGES

FLASQUES - FLANSCH



1

2

Fig	Info	REF
1	Left	111TP2424
2	Right	111TP2425

USED ON DHOLLANDIA



CASES

BOÎTIERS - GEHÄUSE



Fig	Wattage kW	Info	REF
1	2	Left	111TP2426
2	2	Right	111TP2427
3	2	HYDEM version, left/right	111TP8560



Fig	Wattage kW	Info	REF
1	3	Left	111TP2428
2	3	Right	111TP2429



Fig	Info	REF
1	2008 - SM80, left	111TP2430
2	2008 - SM80, right	111TP2431



Info	REF
LMQ/LM42, right	111TP2432



Info	REF
Mouning plate: 300 mm	111TP9438



TANKS & OIL RESERVOIRS

RÉSERVOIRS (D'HUILE) - TANKS & ÖLBEHÄLTER



Length mm	Volume l	Info	REF
310	3,8	Right	111TP2435



Length mm	Volume l	REF
390	6	111TP2436



1



2

Fig	Length mm	Volume l	Info	REF
1	740	5	Left	111TP8318
2	740	5	Right	111TP2440



1



2

Fig	Length mm	Volume l	Info	REF
1	460	8	Left	111TP8319
2	460	8	Right	111TP8320



1



2

Fig	Length mm	Volume l	Adaptable to	REF
1	300	6	Left	111TP2437
2	300	6	Right	111TP2438
3	300	6	Left/right	111TP2439



1



2

Fig	Length mm	Volume l	Adaptable to	REF
1	350	10	Left	111TP2433
2	350	10	Right	111TP2434
3	350	10	Left/right	111TP8317



FILTERS & BREathers

FILTRES & RENIFLARDS - FILTER & ENTLÜFTER



- Dimensions: 25 x 43,3 mm
- Thread: 3/8" NPT

[REF 111TP2441](#)



Dimensions: 29 x 46 x 92 mm

[REF 111TP2442](#)



Dimensions: 15 x 26 x 47,1 mm

[REF 111TP2443](#)



- Dimensions: 20 x 36 mm
- Thread: 1/2" BSP

[REF 111TP2444](#)



- Dimensions: 24 x 63 mm
- 2008

[REF 111TP2445](#)



Thread: 1/2"

[REF 111TP2446](#)



Thread: 3/4

[REF 111TP2447](#)



Thread: M20 + gauge

[REF 111TP2448](#)



FILTERS & BREATHERS

FILTRES & RENIFLARDS - FILTER & ENTLÜFTER



Thread: 3/4"

[REF 111TP2450](#)



Thread: 3/4"

[REF 111TP2451](#)



- Used on BOSH P17, P51
- Dimensions: 42 x 42 mm
- Thread: M22 x 1,5 mm

[REF 111TP8322](#)

LOCKS

SERRURES - VERRIEGELUNGEN

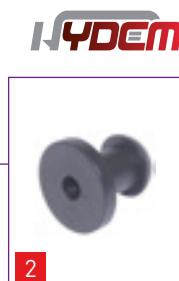
1



1. [REF 111TP2452](#) – Old type

2. [REF 111TP2457](#) – Used with REF 111TP2452

1



1. [REF 111TP2453](#) – New type

2. [REF 111TP2454](#) – Used with REF 111TP2453 +
REF 111TP9439



Height: 150 mm

[REF 111TP2455](#)



DRAIN PLUGS

BOUCHONS DE VIDANGE - ABLASSSCHRAUBEN



Thread: 3/8"

REF [111TP2456](#)



Thread: 3/4" UNF

REF [111TP8372](#)

USED ON DHOLLANDIA



ELECTRIC MOTORS

MOTEURS ÉLECTRIQUES - ELEKTROMOTOREN



Voltage	kW	Rotation	REF
12	1,5	CW >>	111TP2458
24	2,2	CW >>	111TP2459



Voltage	kW	Rotation	REF
24	3	CW >>	111TP2461



Voltage	kW	Rotation	REF
12	0,8	<< CCW/CW >>	111TP2460
12	0,8	<< CCW/CW >>	111TP9843
24	0,8	<< CCW/CW >>	111TP2462



Voltage	kW	Rotation	REF
24	3	CW >>	111TP2463



Voltage	kW	Rotation	REF
24	4	CW >>	111TP2464



Voltage	kW	Rotation	REF
24	3	CW >>	111TP8323



Voltage	kW	Rotation	REF
12	0,8	CW >>	111TP9844
24	0,8	CW >>	111TP2465



Voltage	kW	REF
24	0,025	111TP2466



Voltage	kW	REF
12	1,2	111TP8324
24	1,2	111TP8325



HYDEM

HYDEM version, universal for Dhollandia, Erhel Hydris, MBB Palfinger, Zepro

Voltage	kW	Rotation	REF
12	1,5	CW >>	111TP9100
24	2	CW >>	111TP1620

See chapter Universal parts on page 735 for more parts.

USED ON DHOLLANDIA



HYDRAULIC PUMPS

POMPES HYDRAULIQUES – HYDRAULIKPUMPEN



CC	Rotation	REF
0,82	<< CCW	111TP2467
1,7	<< CCW	111TP2468
46	<< CCW	111TP2469
15	<< CCW	111TP2470
4,3	<< CCW	111TP2471



CC	Rotation	Remark	REF
2,5	<< CCW	HYDEM version of REF 111TP2469	111TP9845
3,3	<< CCW	HYDEM version of REF 111TP2470	111TP9846
4,3	<< CCW	HYDEM version of REF 111TP2471	111TP9847



CC	Rotation	REF
3,3	<< CCW	111TP2472



CC	Rotation	REF
8	<< CCW	111TP2473



CC	Rotation	Remark	REF
9	<< CCW	HYDEM version of REF 111TP2473	111TP9848



CC	Rotation	REF
1,2	<< CCW	111TP8331
1,7	<< CCW	111TP8561
2,6	<< CCW	111TP8328
3,2	<< CCW	111TP8329



CC	Rotation	REF
0,8	<< CCW	111TP9849

See chapter Universal parts on page 699 for more parts.

**ELECTRIC MOTORS WITH PUMP**

MOTEURS ÉLECTRIQUES AVEC POMPE - ELEKTROMOTOREN MIT PUMPE



Voltage	kW	CC	REF
12	2	1,7	111TP2483



Voltage	kW	CC	REF
12	2	2,5	111TP2484



Voltage	kW	CC	REF
24	2	1,7	111TP2485



Voltage	kW	CC	REF
24	2	2,5	111TP5011



Voltage	kW	CC	REF
24	3	3,3	111TP2487



Voltage	kW	CC	REF
24	4,5	2,5	111TP2488

See chapter Universal parts on page 700 for more parts.

USED ON DHOLLANDIA



SUPPORTS						
SUPPORTS - HALTER						
	Length mm	Height mm	Width mm	Diameter mm	Info	REF
	105	31/43	100		Plastic version	111TP2489
	105	31/43	100		Steel version	111TP8337
 	105	38	66		HYDEM version	111TP9441
	100	40/50	75			111TP2490
		121		110		111TP2491
		140		128		111TP2492

USED ON DHOLLANDIA



HYDRAULIC MOTORS

MOTEUR HYDRAULIQUES - HYDRAULIKMOTOR



SM8

[REF 111TP2474](#)



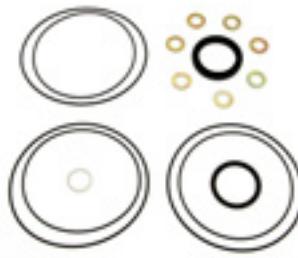
New model

[REF 111TP8332](#)



Hydem version, same pump as REF 111TP2474 and usable
for REF 111TP8332 with extra mounting kit

[REF 111TP8333](#)



Seal kit for SM8 pump

[REF 111TP9851](#)



SOLENOID SWITCHES/CONTACTORS

SOLÉNOÏDES/CONTACTEURS – MAGNETSCHALTER/SCHÜTZE

	Amperage	Info	REF	
			12 V	24 V
	80		111TP8334	111TP8335
	125		111TP5097	111TP2479
	125	HYDEM version, other bracket		111TP9440
	150	300 A (5 sec)	111TP2475	111TP2476
	150		111TP8562	111TP3120
	200		111TP8336	111TP9852

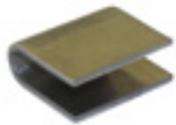
See chapter Universal parts on page 701 for more parts.

USED ON DHOLLANDIA



COUPLERS

COUPLEURS - KUPPLUNGEN



Length mm	Width mm	Height mm	REF
15	13,8	5,6	111TP2480



Diameter mm	Height mm	REF
30	12	111TP2481

See chapter Universal parts on page 702 for more parts.

BRUSHES

BALAIS - KOHLEBÜRSTEN



- Voltage: 12/24 V
- Dimensions: 15,8 x 15,8 x 8,9 mm

[REF 111TP1223](#)



Dimensions: 24,9 x 22,9 x 9,9 mm

[REF 111TP2482](#)

BRUSH ROCKERS

COLLIERS PORTE-BALAIS - KOHLENHALTER



Diameter: 105 mm

[REF 111TP1225](#)

BEARINGS

ROULEMENTS - LAGER



Diameter mm	Height mm	REF
12/32	10	111TP1226
17/35	10	111TP1227

See chapter Universal parts on page 735 for more parts.

USED ON DHOLLANDIA



HOSES

TUYAUX - SCHLÄUCHE



Hose diameter		Length mm	Fitting 1 mm	Fitting 2 mm	Info	REF
Inch	mm					
1/4	6,4	345	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP2493
1/4	6,4	350	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP2494
1/4	6,4	500	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP2495
1/4	6,4	600	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP8338
1/4	6,4	650	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP2496
1/4	6,4	800	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP2497
1/4	6,4	1000	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP1231
1/4	6,4	1200	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP2498
1/4	6,4	1300	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP9853



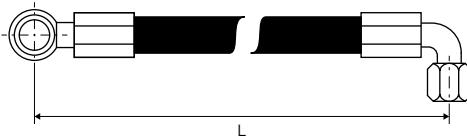
Hose diameter		Length mm	Fitting 1 mm	Fitting 2 mm	Info	REF
Inch	mm					
1/4	6,4	400	Ø 10	Ø 10	-40-100 °C	111TP2499
1/4	6,4	450	Ø 10	Ø 10	-40-100 °C	111TP2500
1/4	6,4	500	Ø 10	Ø 10	-40-100 °C	111TP2501
1/4	6,4	550	Ø 10	Ø 10	-40-100 °C	111TP8341
1/4	6,4	650	Ø 10	Ø 10	-40-100 °C	111TP8342
1/4	6,4	700	Ø 10	Ø 10	-40-100 °C	111TP2502
1/4	6,4	750	Ø 10	Ø 10	-40-100 °C	111TP8343
1/4	6,4	800	Ø 10	Ø 10	-40-100 °C	111TP2503
1/4	6,4	950	Ø 10	Ø 10	-40-100 °C	111TP8344
1/4	6,4	1000	Ø 10	Ø 10	-40-100 °C	111TP8345
1/4	6,4	1000	Banjo BSP 3/8"	Banjo BSP 3/8"	-40-100 °C	111TP5129
1/4	6,4	1100	Ø 10	Ø 10	-40-100 °C	111TP2504
1/4	6,4	1300	Ø 10	Ø 10	-40-100 °C	111TP2505
1/4	6,4	1400	Ø 10	Ø 10	-40-100 °C	111TP2506
1/4	6,4	1600	Ø 10	Ø 10	-40-100 °C	111TP2507
1/4	6,4	1800	Ø 10	Ø 10	-40-100 °C	111TP2508
1/4	6,4	2300	Ø 10	Ø 10	-40-100 °C	111TP2509
1/4	6,4	2500	Banjo 10	Banjo 10	-40-100 °C	111TP2510
1/4	6,4	2700	Ø 10	Ø 10	-40-100 °C	111TP2511
1/4	6,4	2800	Ø 10	Ø 10	-40-100 °C	111TP8346
1/4	6,4	3000	Ø 10	Ø 10	-40-100 °C	111TP2512
1/4	6,4	3250	Ø 10	Ø 10	-40-100 °C	111TP2513
1/4	6,4	3500	Ø 10	Ø 10	-40-100 °C	111TP2514
3/8	9,5	950	BSP 3/8"	Ø 3,8	-40-100 °C	111TP2515
3/8	9,5	1100	Banjo BSP 3/8"	Banjo BSP 3/8"	-40-100 °C	111TP2516
3/8	9,5	1200	Banjo BSP 3/8"	Banjo BSP 3/8"	-40-100 °C	111TP8347
3/8	9,5	1500	Banjo BSP 3/8"	Banjo BSP 3/8"	-40-100 °C	111TP2517
3/8	9,5	1600	Banjo BSP 3/8"	Banjo BSP 3/8"	-40-100 °C	111TP8348
3/8	9,5	2050	Banjo BSP 3/8"	Banjo BSP 3/8"	-40-100 °C	111TP8349
3/8	9,5	2650	Banjo BSP 3/8"	Banjo BSP 3/8"	-40-100 °C	111TP2518
3/8	9,5	2670	Ø 17	Ø 17	-40-100 °C	111TP8355

USED ON DHOLLANDIA

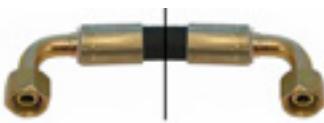


HOSES

TUYAUX - SCHLÄUCHE



Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	mm	mm		
1/4	6,4	550	M18 x 1,5	Ø 10	-40-100 °C	111TP2519
1/4	6,4	750	M18 x 1,5 - 90°	Ø 10	-40-100 °C	111TP2521
1/4	6,4	900	M18 x 1,5 - 90°	Ø 10	-40-100 °C	111TP2522
1/4	6,4	1000	M18 x 1,5 - 90°	Ø 10	-40-100 °C	111TP2523
1/4	6,4	1320	M18 x 1,5 - 90°	Ø 10	-40-100 °C	111TP2525
1/4	6,4	1550	M18 x 1,5 - 90°	Ø 10	-40-100 °C	111TP2526
1/4	6,4	1600	M18 x 1,5	Ø 10	-40-100 °C	111TP2527
1/4	6,4	2000	M18 x 1,5 - 90°	Ø 10	-40-100 °C	111TP2529
1/4	6,4	2400	M18 x 1,5	Ø 10	-40-100 °C	111TP2530
1/4	6,4	2500	M18 x 1,5 - 90°	Ø 10	-40-100 °C	111TP2531
1/4	6,4	2600	M18 x 1,5	Ø 10	-40-100 °C	111TP8350
1/4	6,4	2700	M18 x 1,5 - 90°	Ø 10	-40-100 °C	111TP2532
1/4	6,4	2900	M18 x 1,5 - 90°	Ø 10	-40-100 °C	111TP2533
1/4	6,4	3000	M18 x 1,5	Ø 10	-40-100 °C	111TP8351
1/4	6,4	3150	M18 x 1,5 - 90°	Ø 10	-40-100 °C	111TP2534
3/8	9,5	350	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP2539
3/8	9,5	500	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP2540
3/8	9,5	1850	M18 x 1,5	Ø 10	-40-100 °C	111TP2535



Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	mm	mm		
1/4	6,4	400	M18 x 1,5 - 90°	M18 x 1,5 - 90°	-40-100 °C	111TP8352
1/4	6,4	600	M18 x 1,5 - 90°	M18 x 1,5 - 90°	-40-100 °C	111TP2541
1/4	6,4	2100	M18 x 1,5 - 90°	M18 x 1,5 - 90°	-40-100 °C	111TP2542
1/4	6,4	2250	M18 x 1,5 - 90°	M18 x 1,5 - 90°	-40-100 °C	111TP2543
1/4	6,4	2500	M18 x 1,5	M18 x 1,5	-40-100 °C	111TP2544
1/4	6,4	2650	M18 x 1,5 - 90°	M18 x 1,5 - 90°	-40-100 °C	111TP8353

USED ON DHOLLANDIA



HOSES

TUYAUX - SCHLÄUCHE



Hose diameter		Length mm	Fitting 1 mm	Fitting 2 mm	Info	REF
Inch	mm					
1/4	6,4	400	M18 x 1,5	M18 x 1,5 – 90°		111TP9854
1/4	6,4	750	R1/4"	R1/4"	-40–100 °C	111TP2547
1/4	6,4	2500	R1/4"	R1/4"	-40–100 °C	111TP2548
3/8	9,5	450	M18 x 1,5	M18 x 1,5 – 90°	-40–100 °C	111TP8354
3/8	9,5	600	M18 x 1,5	M18 x 1,5	-40–100 °C	111TP2549
3/8	9,5	750	M18 x 1,5	M18 x 1,5	-40–100 °C	111TP2550
3/8	9,5	1000	M18 x 1,5	M18 x 1,5	-40–100 °C	111TP2551
3/8	9,5	2500	M18 x 1,5	M18 x 1,5	-40–100 °C	111TP2552
3/8	9,5	4500	M18 x 1,5	M18 x 1,5	-40–100 °C	111TP2554



Hose diameter		Length mm	Fitting 1 mm	Fitting 2 mm	Info	REF
Inch	mm					
1/4	6,4	250	M18 x 1,5	Ø 10	-40–100 °C	111TP2555
1/4	6,4	1200	M18 x 1,5	Ø 3,8	-40–100 °C	111TP2557
3/8	9,5	650	M18 x 1,5	Ø 3,8	-40–100 °C	111TP2558
3/8	9,5	950	M18 x 1,5	Ø 3,8	-40–100 °C	111TP2559
3/8	9,5	1200	M18 x 1,5	Ø 3,8	-40–100 °C	111TP2560

USED ON DHOLLANDIA



HOSES

TUYAUX – SCHLÄUCHE



Hose diameter		Length mm	Fitting 1 mm	Fitting 2 mm	Info	REF
Inch	mm					
1/4	6,4	500	M12 x 1,5	Ø 10	-40-100 °C	111TP2561
1/4	6,4	550	M18 x 1,5 – 90°	Ø 10	-40-100 °C	111TP9855
1/4	6,4	700	M12 x 1,5	Ø 10	-40-100 °C	111TP2562
1/4	6,4	750	M18 x 1,5	Ø 10	-40-100 °C	111TP2563
1/4	6,4	900	M12 x 1,5	Ø 10	-40-100 °C	111TP2564
1/4	6,4	1200	M18 x 1,5	Ø 10	-40-100 °C	111TP2565
1/4	6,4	2000	M18 x 1,5	Ø 10	-40-100 °C	111TP2566
3/8	9,5	650	M18 x 1,5	Ø 3/8"	-40-100 °C	111TP2567
3/8	9,5	950	M18 x 1,5	Ø 3/8"	-40-100 °C	111TP2568
3/8	9,5	1200	M18 x 1,5	Ø 3/8"	-40-100 °C	111TP2569
3/8	9,5	2450	M12 x 1,5	M12 x 1,5	-40-100 °C	111TP2570



Hose diameter		Length mm	Info	REF
Inch	mm			
3/8	9,5	230	-40-100 °C	111TP2536
1/2	12,7	260	-40-100 °C	111TP2537



- Diameter: 18 x 24 x 35,5 mm
- Length: 55 mm

REF [111TP2538](#)



FITTINGS

RACCORDS – KUPPLUNGEN



Thread: M10 x 1 mm

[REF 111TP2571](#)



Thread: 3/8"

[REF 111TP2603](#)



Thread: 3/8" BSP

[REF 111TP2604](#)



Thread: M10 x 1 mm

[REF 111TP2605](#)



Diameter: 1,5 mm

[REF 111TP2572](#)



Diameter: 2,5 mm

[REF 111TP2573](#)



Diameter: 3 mm

[REF 111TP2574](#)



- Length: 8 mm
- Thread: 3/8" NPT

[REF 111TP2575](#)



- Thread: 1/2" NPT

[REF 111TP2576](#)



- Length: 6 mm
- Thread: 3/8" NPT

[REF 111TP2577](#)



FITTINGS

RACCORDS - KUPPLUNGEN



- Thread: 3/8"
- Length: 12-12 mm

[REF 111TP2578](#)



Thread: T10

[REF 111TP2579](#)



Thread: T12

[REF 111TP2580](#)



Thread: T12

[REF 111TP2581](#)



Thread: M18 x 1,5 mm

[REF 111TP8356](#)



- Thread: 3/8"
- Length: 12-12 mm

[REF 111TP9856](#)



Length: 10 mm

[REF 111TP2582](#)



- Thread: 10 mm
- Length: 10 mm

[REF 111TP2583](#)



Length: 12 mm

[REF 111TP2584](#)



Length: 12 mm

[REF 111TP2585](#)



FITTINGS

RACCORDS – KUPPLUNGEN



Thread: 1/4"

[REF 111TP2586](#)



- Thread: 12 mm
- Length: 12 mm

[REF 111TP2587](#)



- Thread: 3/8"
- Length: 12 mm

[REF 111TP2588](#)



- Thread: 1/4"
- Length: 10 mm

[REF 111TP2589](#)



- Thread: 10 mm
- Length: 10 mm

[REF 111TP2590](#)



Length: 12 mm

[REF 111TP2591](#)



- Thread: 1/4"
- Length: 12 mm

[REF 111TP2592](#)



- Thread: 1/4"
- Length: 12 mm

[REF 111TP2593](#)



- Thread: 1/4"
- Length: 12 mm

[REF 111TP2594](#)



- Thread: 12 mm
- Length: 12 mm

[REF 111TP2595](#)



FITTINGS

RACCORDS – KUPPLUNGEN



- Thread: 15 mm
- Length: 12 mm

[REF 111TP2596](#)



- Thread: 3/8"
- Length: 12 mm

[REF 111TP2597](#)



- Thread: 3/8"
- Length: 12 mm

[REF 111TP2598](#)



- Thread: M18 x 1,5 mm – 3/8"
- No return

[REF 111TP2599](#)



- Thread: M18 x 1,5 mm
- Length: 70 mm

[REF 111TP2600](#)



Thread: M18 x 1,5 mm

[REF 111TP2601](#)



Thread: 1/4"

[REF 111TP2602](#)



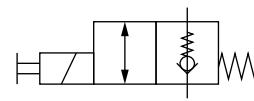
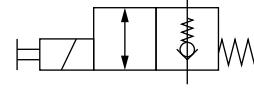
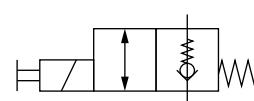
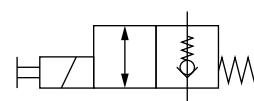
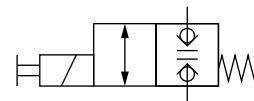
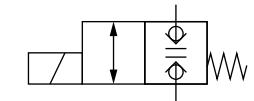
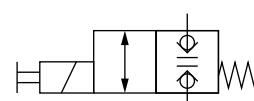
- Thread: 1/2" BSP – 3/8"BSP
- Length: 81 mm

[REF 111TP8357](#)



SOLENOID VALVES

ÉLECTROVANNES - MAGNETVENTILE

	Type	Diameter mm	Thread	REF	
				12 V	24 V
		2/2	12,7	3/4" UNF	111TP2606 111TP2607
		2/2	12,7	3/4" UNF	111TP2608 111TP2609
		2/2	12,7	3/4" UNF	111TP2610 111TP2611
		2/2	12,7	3/4" UNF	111TP2612 111TP2613
		2/2	12,7	3/4" UNF	111TP2614 111TP2615
		2/2	12,7	3/4" UNF	111TP2616 111TP2618
		2/2	12,7	3/4" UNF	111TP2619 111TP2617

USED ON DHOLLANDIA



SOLENOID VALVES ÉLECTROVANNES - MAGNETVENTILE	Type	Diameter mm	Thread	REF	
				12 V	24 V
	2/2	12,7	3/4" UNF	111TP2620	111TP2621
	2/2	12,7	M18 x 1,5 mm	111TP5142	111TP5141
	3/2	15,8-17,4	7/8" UNF	111TP5145	111TP2637
	4/3	12,7-14,2-15,7	3/4" UNF	111TP8358	111TP8359
	2/2	12,7	M18 x 1,5 mm	111TP5143	111TP2624
	2/2	12,7	M18 x 1,5 mm	111TP5140	111TP2623

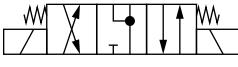
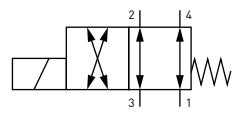
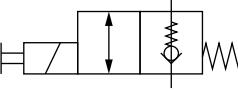
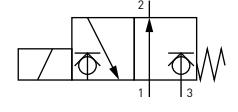
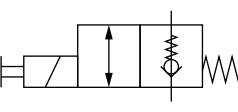


CARTRIDGES CARTOUCHES - PATRONEN				
	Type	Diameter mm	Thread	REF
	2/2	12,7	3/4" UNF	111TP2627
	2/2	12,7	3/4" UNF	111TP2628
	2/2	15	M20 x 1,5 mm	111TP2629
	2/2	12,7	3/4" UNF	111TP2630
	2/2	12,7	3/4" UNF	111TP2631
	4/3	12,7-14,2-15,8	3/4" UNF	111TP2632

USED ON DHOLLANDIA



COILS & VALVES - BOBBINES & SOUPAPES - SPULEN & VENTILE

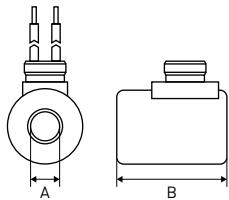
CARTRIDGES CARTOUCHES - PATRONEN	Type	Diameter mm	Thread	REF
 	4/3	12,7-14,2-15,2	3/4" UNF	111TP2633
 	4/2	15,8-17,4-18,9	7/8" UNF	111TP2634
 	2/2	13	M18 x 1,5 mm	111TP2635
 	3/2	15,8-17,4	3/4" UNF	111TP2636
 	2/2	13	M18 x 1,5 mm	111TP8361

USED ON DHOLLANDIA



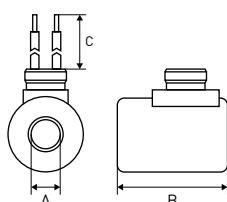
COILS

BOBINES - SPULEN

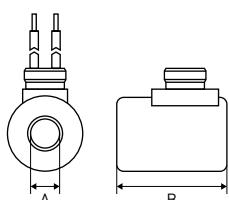


Thread: M24 x 1 mm

Voltage	Wattage	A mm	B mm	REF
12	18	13	39	111TP2638
24	18	13	39	111TP2639

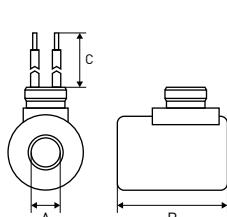


Voltage	Wattage	A mm	B mm	C mm	REF
12	18	13	39	400	111TP2640
24	18	13	39	350	111TP2641

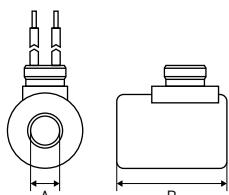


Thread: M24 x 1 mm

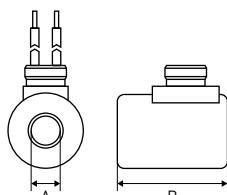
Voltage	A mm	B mm	REF
12	18	40	111TP2642
24	18	40	111TP2643



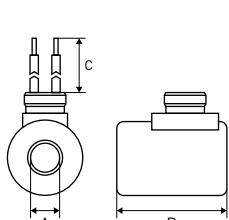
Voltage	A mm	B mm	C mm	REF
12	18	40	420	111TP2644
24	18	40	430	111TP2645



Voltage	A mm	B mm	REF
12	18	40	111TP2646
24	18	40	111TP2647



Voltage	Wattage	A mm	B mm	REF
12	60	22	55	111TP2648
24	60	22	55	111TP2649



Voltage	Wattage	A mm	B mm	C mm	REF
12	36	14	50	1000	111TP2650
24	35	14	50	780	111TP2651

USED ON DHOLLANDIA



VALVE BLOCKS

BOÎTIERS À SOUPAPES - STEUERBLÖCKE



1

- Length: 40 mm
- Width: 40 mm
- Height: 28/60 mm



2

1. [REF 111TP2652](#) – Left
2. [REF 111TP2653](#) – Right



- Length: 40 mm
- Width: 40 mm
- Height: 25/60 mm

REF [111TP2654](#)

1

- Length: 91 mm
- Width: 30 mm
- Height: 19/33 mm



2

1. [REF 111TP2656](#) – Left
2. [REF 111TP2657](#) – Right



- Length: 91 mm
- Width: 30 mm
- Height: 17/30 mm

REF [111TP2658](#)

- Length: 58 mm
- Width: 50 mm
- Height: 26/30 mm

[REF 111TP2659](#)



Voltage: 24 V

REF [111TP2660](#)

Double pilot 1/4"

[REF 111TP2661](#)



1



2

1. [REF 111TP8362](#) – Voltage: 12 V
2. [REF 111TP2662](#) – Voltage: 24 V



[REF 111TP8363](#) – Voltage: 12 V

[REF 111TP2663](#) – Voltage: 24 V



Single

[REF 111TP2664](#)



VALVE BLOCKS

BOÎTIERS À SOUPAPES – STEUERBLÖCKE



Double

[REF 111TP2665](#)



- Diameter: 17 mm
- Thread: M18 x 1,5 x 11 mm

[REF 111TP2666](#)



Exit left

[REF 111TP8364](#) – Voltage: 12 V
[REF 111TP2667](#) – Voltage: 24 V



Exit right

[REF 111TP8365](#) – Voltage: 12 V
[REF 111TP2669](#) – Voltage: 24 V



SMR20

[REF 111TP8366](#) – Voltage: 12 V
[REF 111TP2668](#) – Voltage: 24 V



SM8

[REF 111TP8367](#) – Voltage: 12 V
[REF 111TP2670](#) – Voltage: 24 V



- Voltage: 24 V
- Right – SM15-X

[REF 111TP2671](#)



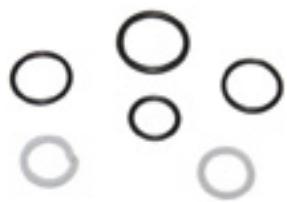
- Voltage: 24 V
- SM8

[REF 111TP9857](#)

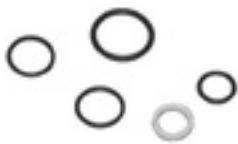


SEAL KITS

KITS DE JOINTS - DICHTUNGSSÄTZE



V070

[REF 111TP2678](#)

V031 - V007

[REF 111TP3180](#)

V041 - V042

[REF 111TP8368](#)

VALVES & SWITCHES

SOUPAPES & INTERRUPEURS - VENTILE & SCHALTER



Adjustable

[REF 111TP2672](#)

Diameter: 4,5 mm

[REF 111TP8369](#)

Diameter: 18 x 8,5 mm

[REF 111TP2673](#)

Diameter: 12 mm

[REF 111TP2674](#)



VALVES & SWITCHES

SOUPAPES & INTERRUPEURS – VENTILE & SCHALTER



- Diameter: 12,7 mm
- Thread: 3/4"

[REF 111TP2675](#)



- Diameter: 12/9,5 mm
- Length: 38,7 mm

[REF 111TP2676](#)



Thread: 1/4" BSP – M16 x 2 mm

[REF 111TP8370](#)



Thread: 1/2"

[REF 111TP8371](#)

USED ON DHOLLANDIA



PINS

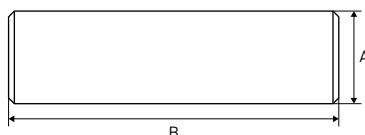
AXES – ACHSEN



HYDEM



A mm	B mm	Thread mm	REF	
				HYDEM version
20	67		111TP2679	
25	78		111TP8373	
25	87		111TP2680	
25	88	M8 x 1	111TP2681	
25	104	M8 x 1	111TP2682	
25	136	M8 x 1	111TP8374	
25	140		111TP2683	
25	152		111TP2684	
27	182		111TP2685	111TP9882
30	78	M8 x 1	111TP2686	
30	87	M8 x 1	111TP2687	
30	93	M8 x 1	111TP2688	111TP9496
30	97		111TP8375	
30	100		111TP2689	
30	124	M8 x 1	111TP2690	
30	135	M8 x 1	111TP2691	
30	150	M8 x 1,25	111TP2692	
30	158	M8 x 1	111TP2693	111TP9497
30	180	M8 x 1,25	111TP2694	
35	99	M8 x 1	111TP2695	111TP9498
35	124	M8 x 1,25	111TP2696	



A mm	B mm	REF	
			HYDEM version
30	148	111TP9858	
30	204	111TP9442	111TP9499
35	164	111TP8376	

USED ON DHOLLANDIA

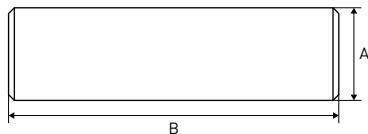


PINS

AXES - ACHSEN



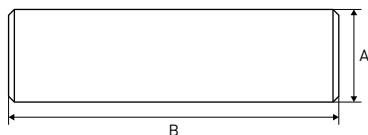
HYDEM



A mm	B mm	Thread mm	REF	
				HYDEM version
25	95	M8 x 1,25	111TP2697	
25	129		111TP2698	
30	120	M8 x 1	111TP2699	
30	169	M8 x 1,25	111TP9859	
30	173	M8 x 1,25	111TP9860	
40	104		111TP8378	111TP9500



A mm	B mm	REF
27	125	111TP2700



A mm	B mm	Thread mm	REF
30	245	7/8" NF	111TP2701

USED ON DHOLLANDIA

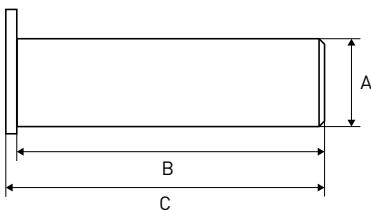


PINS

AXES - ACHSEN



A mm	B mm	Thread mm	REF
30	199	M8 x 1 mm	111TP2702
35	209	M8 x 1 mm	111TP2703



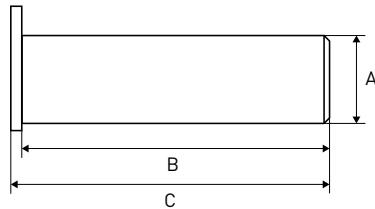
A mm	B mm	Thread mm	REF	HYDEM version
25	75		111TP2705	
25	78	M8 x 1,25 mm	111TP2704	111TP9501
25	85	M8 x 1,25 mm	111TP2706	111TP9502
25	100	M8 x 1 mm	111TP2707	
25	128	M8 x 1,25 mm	111TP2708	
25	170	M8 x 1,25 mm	111TP2709	
25	200	M8 x 1 mm	111TP2710	
27	182		111TP2711	
30	65	M8 x 1 mm	111TP2712	
30	77	M8 x 1,25 mm	111TP2713	111TP9503
30	97	M8 x 1,25 mm	111TP2714	
30	115	M8 x 1,25 mm	111TP2715	111TP9504
30	130	M8 x 1 mm	111TP2716	
30	140	M8 x 1,25 mm	111TP8379	
30	150	M8 x 1 mm	111TP2717	111TP9505
30	165	M8 x 1 mm	111TP2718	
30	195	M8 x 1,25 mm	111TP8380	
35	85	M8 x 1,25 mm	111TP2719	
35	100	M8 x 1,25 mm	111TP2720	
35	125	M8 x 1,25 mm	111TP2721	
35	143	M16 x 2 mm	111TP2722	
35	150	M8 x 1,25 mm	111TP2723	
35	169	M8 x 1,25 mm	111TP8381	
35	310		111TP2724	
40	130		111TP2725	
40	150	M8 x 1,25 mm	111TP2726	

USED ON DHOLLANDIA

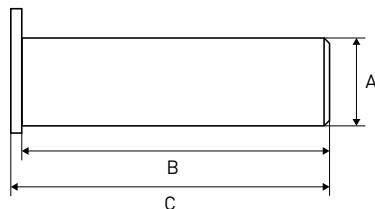


PINS

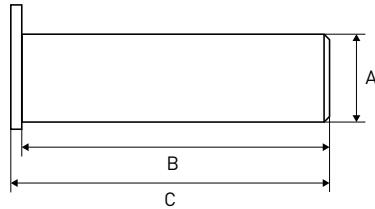
AXES - ACHSEN



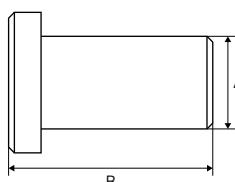
A mm	B mm	Thread mm	REF	HYDEM version
25	155	M8 x 1,25 mm	111TP2727	111TP9506
30	173	M8 x 1 mm	111TP2728	
30	189	M8 x 1 mm	111TP2729	111TP9507



A mm	B mm	REF
30/35	203	111TP2730



A mm	B mm	Thread mm	REF
45	126	M16 x 2 mm	111TP2731



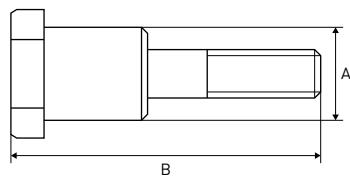
A mm	B mm	Thread mm	REF
25	61	M8 x 1 mm	111TP2732

USED ON DHOLLANDIA

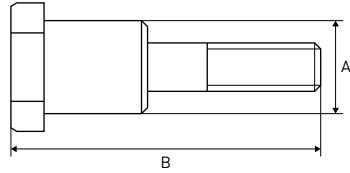


PINS

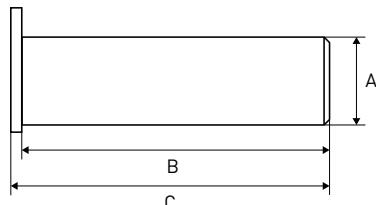
AXES - ACHSEN



A mm	B mm	Thread mm	REF	
				HYDEM version
20	76	M8 x 1 mm	111TP2733	
25	91	M8 x 1,25 mm	111TP2734	111TP9508
30	71	M8 x 1,25 mm	111TP2735	
30	90	M8 x 1 mm	111TP2736	
35	102	M8 x 1,25 mm	111TP2737	
35	122	M8 x 1,25 mm	111TP2738	



A mm	B mm	Thread mm	REF
25/30	109	M8 x 1,25 mm	111TP2739



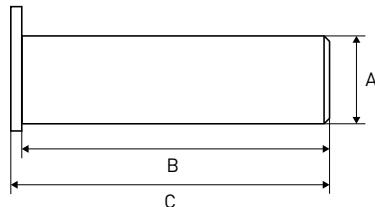
A mm	B mm		REF	
				HYDEM version
30	64		111TP9443	111TP9509
35	86		111TP8382	
35	210		111TP2740	
40	162		111TP8377	

USED ON DHOLLANDIA

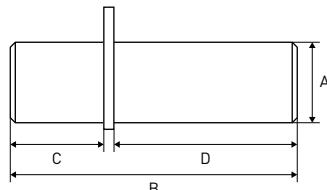


PINS

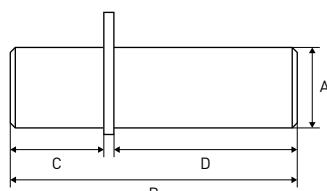
AXES - ACHSEN



A mm	B mm	Thread mm	REF
35	160	M8	111TP8381



A mm	B mm	C mm	D mm	Thread mm	REF
25	187	84	100	M8 x 1,25 mm	111TP2741



A mm	B mm	C mm	D mm	Thread mm	REF
25	189	85	99	M8 x 1,25 mm	111TP2742

HYDEM



Plate for HYDEM axes

REF [111TP9861](#)

USED ON DHOLLANDIA



PIN SETS

KIT D'AXES - ACHSENSETS



DHSM 5/6

[REF 111TP9862](#)

DHLM 50 / DHSMR 7 2003/2009

[REF 111TP9483](#)

DHLM 50 / DHSM 71 2003/2009

[REF 111TP9484](#)

DHLM 50 2003/2009

[REF 111TP9485](#)

DHLM 50 2003/2009

[REF 111TP9486](#)

DHLM 50 / DHSM 71A 2003/2009

[REF 111TP9487](#)

DHSM 71A 2003/2009

[REF 111TP9488](#)

DHSM 71A 2003/2009

[REF 111TP9489](#)

DHSM 71A 2003/2009

[REF 111TP9490](#)

DHSM 80 / DHSMR 80

[REF 111TP9491](#)

USED ON DHOLLANDIA



PLATFORM ROLLERS

GALETS DE HAYON – PLATTFORMROLLEN

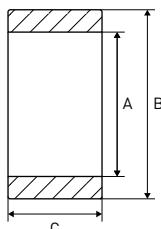


Fig	A mm	B mm	C mm		REF	
						HYDEM version
1	32	75	20			111TP2743
1	39	75	47			111TP2744
2	39	73	44			111TP9863
1	40	98	45			111TP2745

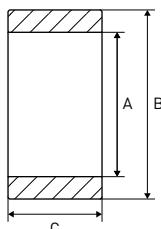
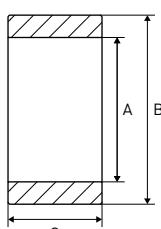
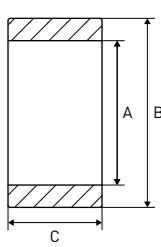


Fig	A mm	B mm	C mm		REF	
						HYDEM version
1	25	75	40			111TP2746
1	26	75	26			111TP2747
1	30	75	40			111TP2748
2	30	75	40			111TP9864
1	30	100	42			111TP2749
1	35	100	40			111TP2750



A mm	B mm	C mm	REF
12	60	50	111TP9865

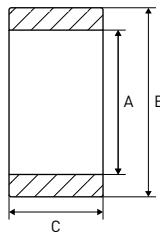


A mm	B mm	C mm	REF
39	100	47	111TP2751

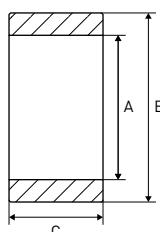


PLATFORM ROLLERS

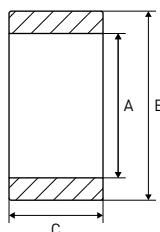
GALETS DE HAYON - PLATTFORMROLLEN



A mm	B mm	C mm	REF
40,5	115	70	111TP2752



A mm	B mm	C mm	REF
39	75	24	111TP2753



REF 111TP9863 + REF 111TP2783

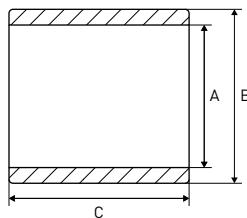
A mm	B mm	C mm	REF
39	75	47	111TP9866

USED ON DHOLLANDIA

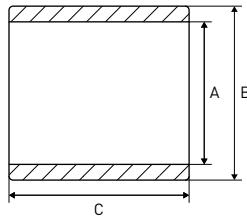


BUSHINGS

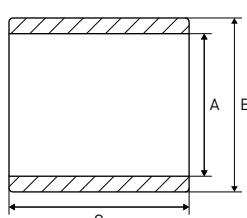
BAGUES - BUCHSEN



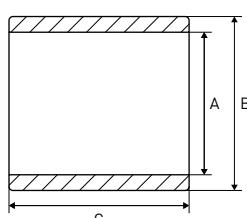
A mm	B mm	C mm	REF
25	30	25	111TP2754
25	30	30	111TP2755
30	35	30	111TP2756
30	35	50	111TP2757
35	40	30	111TP2758



A mm	B mm	C mm	Info	REF
15	17	15	DX	111TP2759
20	23	15	DX	111TP2760
20	23	20	DX	111TP2761
20	23	25	DX	111TP2762
25	28	15	DX	111TP2763
25	28	20	DX	111TP2764
25	28	25	DX	111TP2765
25	28	30	DX	111TP2766
30	34	20	DX	111TP2767
30	34	25	DX	111TP2768
30	34	30	DX	111TP2769
30	34	50	DX	111TP2770
35	39	20	DX	111TP2771
35	39	25	DX	111TP2772
35	39	30	DX	111TP2773
35	39	50	DX	111TP2774
40	44	25	DX	111TP2775
40	44	30	DX	111TP2776
45	50	40	DX	111TP2777
45	56	39	DX	111TP2778



A mm	B mm	C mm	REF
30	40	65	111TP2779

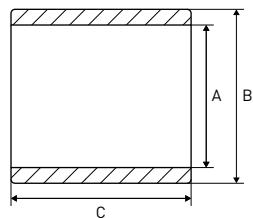


A mm	B mm	C mm	REF
27	30	68	111TP2780

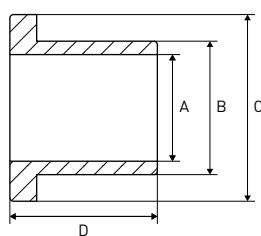


BUSHINGS

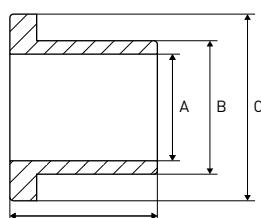
BAGUES - BUCHSEN



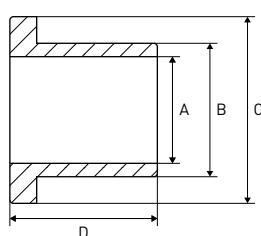
A mm	B mm	C mm	REF
56	69	135	111TP2781



A mm	B mm	C mm	REF
20	31	39/45	111TP2783



A mm	B mm	C mm	REF
26	38	44	111TP2784



A mm	B mm	C mm	REF
30	40	45.5	111TP2785

See chapter Universal parts on page 705 for more parts.

USED ON DHOLLANDIA



BUSHING SETS

KIT BAGUES – BUCHSENSETS



DHLM 50 / DHSM 71A 2003/2009

Dimensions:

- 2x 25 x 28 x 30 mm
- 4x 30 x 34 x 25 mm
- 16x 30 x 34 x 30 mm
- 2x 35 x 39 x 50 mm

[REF 111TP9492](#)



DHLM 50 / DHSM 71A 2003/2009

Dimensions:

- 4x 30 x 34 x 25 mm
- 8x 30 x 34 x 30 mm

[REF 111TP9493](#)



DHLM 50 / DHSM 71A 2003/2009

Dimensions:

- 4x 30 x 34 x 25 mm
- 8x 30 x 34 x 30 mm
- 2x 35 x 39 x 50 mm

[REF 111TP9494](#)



DHLM 50 / DHSM 71A 2003/2009

Dimensions:

- 4x 30 x 34 x 30 mm
- 2x 25 x 28 x 30 mm
- 2x 35 x 39 x 50 mm

[REF 111TP9495](#)



DHSMR 80

Dimensions:

- 2x 25 x 28 x 30 mm
- 2x 30 x 34 x 20 mm
- 18x 30 x 34 x 30 mm
- 2x 30 x 34 x 50 mm
- 4x 35 x 39 x 30 mm
- 2x 35 x 39 x 50 mm

[REF 111TP9867](#)



DHSMR 80

Dimensions:

- 2x 25 x 28 x 25 mm
- 18x 30 x 34 x 30 mm
- 2x 35 x 39 x 25 mm

[REF 111TP9868](#)



DISTANCE RINGS

BAGUES D'ÉCARTEMENT - ABSTANDSRINGE



- REF 111TP2786** – Diameter: 25/37 x 17 mm
- REF 111TP2787** – Diameter: 30/42 x 17 mm
- REF 111TP2788** – Diameter: 35/47 x 17 mm



- REF 111TP2789** – Diameter: 27,5/40 x 11 mm
- REF 111TP2790** – Diameter: 31/43 x 9 mm
- REF 111TP2791** – Diameter: 31/44 x 14 mm
- REF 111TP2792** – Diameter: 32/44 x 22,5 mm



- Diameter: 25/50 x 7 mm
- LM2

REF 111TP2793



- Diameter: 30,5/44,5 x 3 mm
- DHSM

REF 111TP2794

EYE BOLTS

BOULONS À CEIL – RINGSCHRAUBEN



Diameter mm	Length mm	REF
8	35	111TP8383
8	70	111TP2795
10	70	111TP2796
12	70	111TP2797



ROLL STOPS & PARTS

BUTÉES DE ROUES & ACCESSOIRES - ABROLLSICHERUNGEN & ERSATZTEILE



1



2

- Length: 225 mm
- Width: 110 mm

1. [REF 111TP2811](#) – Left
2. [REF 111TP2812](#) – Right



1

2

- Length: 1010 mm
- Width: 110 mm

1. [REF 111TP2813](#) – Left
2. [REF 111TP2814](#) – Right



1

2

- Length: 1010 mm
- Width: 105 mm

1. [REF 111TP2820](#) – Left
2. [REF 111TP2819](#) – Right



1

2

- Length: 1025 mm
- Width: 155 mm

1. [REF 111TP2822](#) – Left
2. [REF 111TP2821](#) – Right



- Length: 80 mm
- Width: 35 mm

[REF 111TP2815](#)



- Length: 115 mm
- Width: 58 mm

[REF 111TP8384](#)



Diameter: 16 x 70 mm

[REF 111TP2816](#)



- Dimensions: 38 x 10 x NN
- Length on demand

[REF 111TP2817](#)



ROLL STOPS & PARTS

BUTÉES DE ROUES & ACCESSOIRES - ABROLLSICHERUNGEN & ERSATZTEILE



Thread: M8 x 40 mm

REF [111TP2818](#)



- Height: 17 mm
- Thread: M8 x 1,25 mm

REF [111TP8385](#)



- Diameter: 3 mm
- Length: 81 mm

REF [111TP8386](#)

USED ON DHOLLANDIA



SPRINGS & GAS SPRINGS

RESSORTS & VÉRINS À GAZ – FEDERN & GASDRUCKFEDERN



Diameter mm	Dimensions mm	REF
4,5	80 x 41	111TP2823



Diameter mm	Dimensions mm	REF
5	44 x 85	111TP2830



Diameter mm	Length mm	Thickness mm	REF
50	220	8	111TP2824



Diameter mm	Length mm	Thickness mm	REF
55	220	10	111TP2825



Diameter mm	Length mm	Thickness mm	REF
45	530	10,3	111TP2829



Diameter mm	Length mm	Thickness mm	Info	REF
48	250	5,5	LSK/SKM	111TP2831



Diameter mm	Length mm	REF
11,5	1385	111TP2827

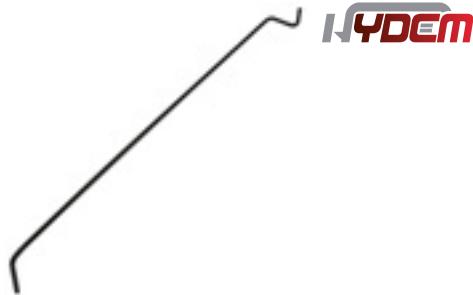


Diameter mm	Length mm	REF
13	1380	111TP2828



SPRINGS & GAS SPRINGS

RESSORTS & VÉRINS À GAZ - FEDERN & GASDRUCKFEDERN



HYDEM

Diameter mm	Length mm	REF
11	1145	111TP9445

Diameter mm	Length mm	REF
14	1390	111TP9822



Fig	Diameter mm	Width mm	Info	REF
1	11	77	Left	111TP2835
2	11	77	Right	111TP2836
	11	77	Set	111TP2837

Fig	Diameter mm	Width mm	Info	REF
1	12	85	Left	111TP2833
2	12	85	Right	111TP9344
	12	85	Set	111TP2826



Diameter mm	REF
60	111TP2832



Info	REF
1500 Nw	111TP2838

See chapter Universal parts on page 707 for more parts.



BUMPERS & BUFFERS

PARE-CHOCS & BUTOIRS - STOSSDÄMPFER & -PUFFER



- Diameter: 30 x 30 x 20 mm
- Thread: M8

[REF 111TP2840](#)



Diameter: 33,4 x 69 x 56 mm

[REF 111TP2841](#)



- Diameter: 100 mm
- Thickness: 25 mm
- Thread: M10
- DH-SM

[REF 111TP2842](#)



- Dimensions: 85 x 92 mm
- End stop – steel

[REF 111TP2843](#)



- Dimensions: 67 x 70 mm
- End stop – alu

[REF 111TP2844](#)



- AL207/AL208
- End stop front
- Alu

[REF 111TP8387](#)



AL207/AL208 – end stop

[REF 111TP2845](#)



Extra surface treatment

[REF 111TP9448](#)



Used on REF 111TP2843

[REF 111TP2846](#)



SMR

[REF 111TP2847](#)



BUMPERS & BUFFERS

PARE-CHOCS & BUTOIRS - STOSSDÄMPFER & -PUFFER



- SM
- Dimensions: 210 x 206 mm

[REF 111TP2908](#)



- Length: 250 mm
- Width: 210 mm
- Height: 65 mm

[REF 111TP9869](#)



- Length: 92 mm
- Width: 85 mm
- Height: 25 mm
- End stop – steel
- Used on REF 111TP2839

[REF 111TP2839](#)



- Length: 200 mm
- Width: 48 mm
- Height: 35 mm

[REF 111TP2850](#)



- Length: 125 mm
- Width: 40 mm
- Height: 45 mm
- Used on REF 111TP2908

[REF 111TP2849](#)



- Length: 90 mm
- Width: 90 mm
- Height: 30 mm

[REF 111TP8389](#)



- Diameter: 40 mm
- Height: 20 mm

[REF 111TP8388](#)



- Diameter: 50 mm
- Height: 40 mm

[REF 111TP8390](#)



- Diameter: 50 mm
- Height: 30 mm

[REF 111TP2848](#)



SLIDER BLOCKS, ROLLERS & WEAR PLATES

BLOCS DE DÉFILEMENT, GALETS & PLAQUES D'USURE - GLEITBLÖCKE, LAUFROLLEN & VERSCHLEISSPLATTEN



- Length: 148 mm
- Width: 26 mm
- Height: 85 mm

[REF 111TP2851](#)



- Length: 148 mm
- Width: 26 mm
- Height: 85 mm
- Slide block without ALU rol – Used on REF 111TP2851

[REF 111TP2852](#)



- Length: 148 mm
- Width: 26 mm
- Height: 85 mm
- Hydem version, improved slide block

[REF 111TP9450](#)



- Inner diameter: 35 mm
- Outer diameter: 49,7 mm
- ALU rol – Used on REF 111TP2851

[REF 111TP9823](#)



- Diameter: 27,7 x 30,7 mm
- Length: 69 mm

[REF 111TP2853](#)



- Diameter: 86 mm
- DH-V

[REF 111TP2854](#)



- Diameter: 87 mm
- H-SM

[REF 111TP2855](#)



- Diameter: 87 mm
- HYDEM version, blacked rollers

[REF 111TP9451](#)



Diameter: 40/85 x 27 mm

[REF 111TP2856](#)

**CAPS**

BOUCHONS - DECKEL



Length mm	Width mm	REF
70	80	111TP2857
100	100	111TP2858
120	120	111TP2859
150	150	111TP2860
180	180	111TP2861



- Length: 100 mm
- Width: 50 mm

[REF 111TP2864](#)

1

2

- Length: 100 mm
- Width: 100 mm

- [REF 111TP2862](#) - Left
- [REF 111TP2863](#) - Right



1

2

3

- Length: 100 mm
- Width: 50 mm

- [REF 111TP2865](#) - Left
- [REF 111TP2866](#) - Right
- [REF 111TP9453](#) - HYDEM version, left/right



- Length: 100 mm
- Width: 80 mm

[REF 111TP2867](#)

- Length: 90 mm
- Width: 136 mm

[REF 111TP2868](#)

- Length: 90 mm
- Width: 103 mm

[REF 111TP8391](#)

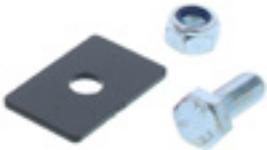
- Length: 100 mm
- Width: 100 mm

[REF 111TP8392](#)



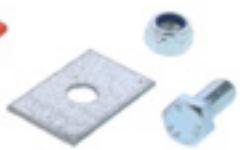
CAPS

BOUCHONS - DECKEL



- Length: 100 mm
- Width: 50 mm

REF [111TP8393](#)



- Length: 100 mm
- Width: 100 mm

REF [111TP8394](#)



Diameter: 100 mm

REF [111TP2869](#)

See chapter Universal parts on page 707 for more parts.



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



Length: 650 mm

[REF 111TP2870](#)



Length: 680 mm

[REF 111TP2871](#)



Length: 730 mm

1. [REF 111TP2872](#) – Left
2. [REF 111TP2873](#) – Right
- [REF 111TP2874](#) – Set left/right



- Length: 2450 mm
- Width: 100 mm
- Height: 100 mm

[REF 111TP2875](#)



- Length: 2000 mm
- Width: 100 mm
- Height: 50 mm

[REF 111TP2876](#)



- Length: 1000 mm
- Width: 52 mm
- Height: 57 mm

[REF 111TP2877](#)



- Length: 1250 mm
- Width: 40 mm

[REF 111TP2878](#)



- Length: 1450 mm
- Width: 40 mm

[REF 111TP2879](#)



- Length: 1600 mm
- Width: 40 mm

[REF 111TP9454](#)



- Width: 50 mm
- Height: 38 mm

[REF 111TP2880](#)

USED ON DHOLLANDIA



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



- REF 111TP9824** – Length: 1550 mm
REF 111TP9825 – Length: 1650 mm
REF 111TP9826 – Length: 1850 mm
REF 111TP9827 – Length: 2000 mm
REF 111TP9828 – Length: 2250 mm
REF 111TP9829 – Length: 2500 mm



- Width: 25 mm
- Height: 6,5 mm

REF 111TP2882



- Length: 1800 mm
- Width: 25 mm
- Height: 6,5 mm

REF 111TP8395

Length: 2600 mm

REF 111TP8396



- Length: 400 mm
- Width: 361 mm
- Height: 8 mm
- Standard – LM3

REF 111TP2883



Length: 435 mm

- REF 111TP2887** – Left
- REF 111TP2888** – Right



- Length: 270 mm
 - Width: 245 mm
 - Height: 80 mm
- REF 111TP2884** – Left
 - REF 111TP2885** – Right



- Length: 380 mm
 - HYDEM version, universal length
- REF 111TP9455** – Left
 - REF 111TP9456** – Right

MECHANICAL PARTS – PIÈCES MÉCANIQUES – MECHANISCHE ERSTATZTEILE

USED ON DHOLLANDIA



MECHANICAL PARTS - PIÈCES MÉCANIQUES - MECHANISCHE ERSTATZTEILE

PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



1

- Length: 850 mm
- Alu



2

1. [REF 111TP9830](#) – Left
2. [REF 111TP9880](#) – Right



- Length: 950 mm
- Alu

[REF 111TP9831](#) – Left
[REF 111TP9881](#) – Right



1

- Length: 950 mm
- Alu
- HYDEM version, universal model



2

1. [REF 111TP9832](#) – Left
2. [REF 111TP9870](#) – Right



1



2

Length: 153 mm

1. [REF 111TP2889](#) – Left
2. [REF 111TP2890](#) – Right



1

- Length: 717 mm
- Width: 202 mm
- Height: 36 mm
- Diameter: 140 mm
- Without hole



2

1. [REF 111TP2892](#) – Left
2. [REF 111TP5130](#) – Right



1



2

- Length: 717 mm
- Width: 202 mm
- Height: 36 mm
- Diameter: 140 mm
- With hole

1. [REF 111TP5131](#) – Left
2. [REF 111TP2891](#) – Right



1

- Length: 653,5 mm
- Width: 171,5 mm
- Height: 2 mm
- Left/right



2

1. [REF 111TP2894](#) – Without hole
2. [REF 111TP2893](#) – With hole



1



2

- Length: 195 mm
- Width: 93 x 31 mm
- LM2

1. [REF 111TP2895](#) – Left
2. [REF 111TP2896](#) – Right



- Length: 190 mm
- Width: 177 mm
- Height: 63 mm
- Thread: M20 x 2,5 mm

[REF 111TP2901](#)



- Length: 588 mm
- Width: 225 mm
- Left/right

[REF 111TP9459](#)



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



Alu – with bushings

[REF 111TP2902](#)



HYDEM version, with grease
nipple

[REF 111TP9460](#)



Diameter: 12 mm

[REF 111TP2903](#)



- Length: 166 mm
- Width: 121 mm

[REF 111TP2904](#)



Alu

[REF 111TP2905](#)



[REF 111TP9871](#) – Length: 1900 mm
[REF 111TP2906](#) – Length: 2100 mm



- Length: 2000 mm
- Diameter: 27 mm

[REF 111TP2907](#)



Length: 1195 mm

[REF 111TP2929](#)



- Length: 710 mm
- SM 2004-...

[REF 111TP2942](#)



- Length: 200 mm
- Width: 160 mm
- Height: 145 mm
- LM40

1

2



- [REF 111TP2897](#) – Left
- [REF 111TP2898](#) – Right



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



1

- Length: 200 mm
- Width: 135 mm
- Height: 142 mm
- LM42

1. [REF 111TP2899](#) – Left
2. [REF 111TP2900](#) – Right



2



SM 2004 – SM 2013

[REF 111TP9461](#)



Steel cable kit

[REF 111TP9462](#)



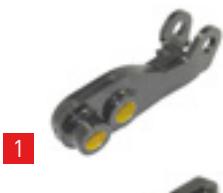
Steel

[REF 111TP2909](#)



LM50

[REF 111TP2910](#)



LM6

1. [REF 111TP2912](#) – Left
2. [REF 111TP2913](#) – Right
- [REF 111TP2911](#) – Set



LM4/SM4

1. [REF 111TP2915](#) – Left
2. [REF 111TP2916](#) – Right
- [REF 111TP2914](#) – Set



LM42

[REF 111TP8399](#)



- LM30
- Centre distance: 280 mm
- Diameter axis: 35/30 mm

[REF 111TP9833](#)



Diameter: 30 mm

[REF 111TP2917](#)



PLATFORM PARTS

PIÈCES DE PLATEFORME – PLATTFORMERSATZTEILE



- Diameter: 40 mm
- Thickness: 5 mm

REF [111TP2918](#)



REF [111TP8400](#) – Length: 1700 mm



SM80

REF [111TP2919](#) – Length: 1500 mm



REF [111TP2920](#) – Length: 1900 mm



1



2

Length: 102 mm

1. **REF [111TP2921](#)** – Male
2. **REF [111TP2922](#)** – Female



- Length: 102 mm
- HYDEM version, male + female

REF [111TP9463](#)



- Width: 20,5 mm
- Height: 32 mm

REF [111TP2923](#)



- Length: 2600 mm
- Width: 55 mm

REF [111TP2924](#)



Dimensions: 38 x 19,7 x 3,5 mm

REF [111TP2925](#)



- Diameter: 55 mm
- Thread: M14 x 2 mm

REF [111TP2926](#)



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



DK/DKD

[REF 111TP2927](#)



- Width: 250 mm
- Length: 400 mm
- § 53b Abs. 5 StVZO
- TÜV/CE without certificate

[REF 111TP1319](#)



- Width: 250 mm
- Length: 400 mm
- § 53b Abs. 5 StVZO
- TÜV/CE without certificate

[REF 111TP1320](#)



- Width: 200 mm
- Length: 300 mm

[REF 111TP2930](#)



- Width: 400 mm
- Length: 300 mm

[REF 111TP5012](#)



- Dimensions: 30 x 3000 mm
- Left/right

[REF 111TP2932](#)



DH-SM

[REF 111TP2934](#)



DH-SM

[REF 111TP2935](#)



Thread: M8 x 1,25 mm

[REF 111TP2936](#)



Alu

[REF 111TP2937](#)



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



Alu

[REF 111TP2938](#)



Alu

[REF 111TP2939](#)



Length: 350 mm

[REF 111TP2940](#)



DH-SM

[REF 111TP2941](#)



DH-RM

[REF 111TP9834](#)



- Diameter: 15/12 mm
- Length: 245 mm
- Thread: M8 x 1,25 mm

[REF 111TP8401](#)



Dimensions: 100 x 10 mm

[REF 111TP8402](#)



- Length: 32,5 mm
- Width: 15 mm
- Height: 2 mm
- Diameter hole: 5,5 mm

[REF 111TP2928](#)

See chapter Universal parts on page 708 for more parts.



GREASE FITTINGS & CAPS

RACCORDS DE GRAISSAGE & BOUCHONS - SCHMIERNIPPEL & SCHUTZKAPPEN



Type thread mm	Info	REF
M6 x 1	90°	111TP8403
M6 x 1	180°	111TP2943
M8 x 1	180°	111TP2944
M8 x 1,25	180°	111TP8404



Type thread	Colour	REF
M6	Red	111TP8566
M6	Green	111TP8567
M6	Yellow	111TP8568
M6	Blue	111TP8569



Type thread	Colour	REF
M6	Red	111TP2945
M6	Green	111TP8563
M6	Yellow	111TP8564
M6	Blue	111TP8565

See chapter Universal parts on page 710 for more parts.



JOYSTICKS

LEVIER DE COMMANDE - JOYSTICKS



8 x NO

[REF 111TP2957](#)



- Diameter: 32,5 mm
- Without contacts

[REF 111TP2958](#)



8 x NO – old version

[REF 111TP2959](#)



> 2008

[REF 111TP2963](#)



8 x NO – new version

[REF 111TP2960](#)



- HYDEM version
- 4 functions wired
- Mafelec switch

[REF 111TP9465](#)



- HYDEM version
- 4 functions non wired
- Mafelec switch

[REF 111TP3263](#)



> 2010

[REF 111TP2961](#)



Metal joystick

[REF 111TP2962](#)





ROTARY/PUSH SWITCHES & PARTS

INTERRUPEURS ROTATIFS/POUSSOIRS & ACCESSOIRES - DREH-/DRUCKSCHALTER & ERSATZTEILE



0-II

[REF 111TP2964](#)



I-0-I

[REF 111TP2965](#)



II-0-I

[REF 111TP2966](#)



I-0-I

[REF 111TP2967](#)



II-0-I

[REF 111TP2968](#)



I-0-I

[REF 111TP2969](#)



0-I

[REF 111TP2970](#)



II-0-I

[REF 111TP2971](#)



ROTARY/PUSH SWITCHES & PARTS

INTERRUPEURS ROTATIFS/POUSSOIRS & ACCESSOIRES - DREH-/DRUCKSCHALTER & ERSATZTEILE



I-0-II

[REF 111TP9872](#)



I-0-I

[REF 111TP2972](#)



II-0-I

[REF 111TP2973](#)



II-0-I - 2 x NO

[REF 111TP2974](#)



I-0-I - 4 x NO

[REF 111TP2975](#)



I-0-I - 3 x NO

[REF 111TP9873](#)



4 x NC

[REF 111TP9874](#)



TM

[REF 111TP2976](#)



ROTARY/PUSH SWITCHES & PARTS

INTERRUPEURS ROTATIFS/POUSSOIRS & ACCESSOIRES - DREH-/DRUCKSCHALTER & ERSATZTEILE



TM

[REF 111TP2977](#)

1 x NO

[REF 111TP2978](#)

2 x NO

[REF 111TP2979](#)

TM

[REF 111TP2980](#)

TM

[REF 111TP9875](#)

Thread: M30 x 1,5 mm

[REF 111TP2981](#)

- Built in diameter: 28,3 mm
- Diameter knob: 40 mm

[REF 112TP9906](#)



CONTACT ELEMENTS

BLOCS DE CONTACT – KONTAKTELEMENTE



1 x NO

[REF 111TP2999](#)



1 x NC

[REF 111TP3000](#)



2 x NO

[REF 111TP3001](#)



2 x NC

[REF 111TP3002](#)



1 x NO – 1 x NC

[REF 111TP3003](#)



1 x NO

[REF 111TP3009](#)



1 x NC

[REF 111TP3010](#)



1 x NO

[REF 111TP3007](#)

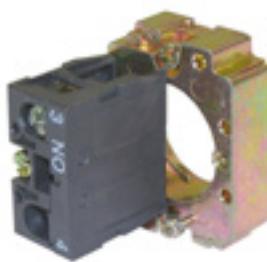


CONTACT ELEMENTS

BLOCS DE CONTACT - KONTAKTELEMENTE



1 x NC

[REF 111TP3008](#)

1 x NO

[REF 111TP3004](#)

2 x NO

[REF 111TP3005](#)

4 x NO

[REF 111TP3006](#)

1 x NO

[REF 111TP3012](#)

1 x NO - 1 x NC

[REF 111TP3013](#)

2 x NO

[REF 111TP3014](#)

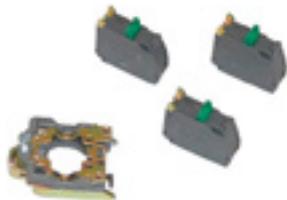
1 x NO - 1 x NC

[REF 111TP8407](#)



CONTACT ELEMENTS

BLOCS DE CONTACT – KONTAKTELEMENTE



3 x NO

[REF 111TP3015](#)



Mounting

[REF 111TP8408](#)



Mounting

[REF 111TP3070](#)



Diameter: 30 mm

[REF 111TP3016](#)



- Voltage: 250 V
- Amperage: 5 A
- IP67

[REF 111TP3017](#)



- Voltage: 250 V
- Amperage: 5 A
- IP67

[REF 111TP3030](#)



EAO

[REF 111TP3011](#)



BATTERY/EMERGENCY SWITCHES & PARTS

COUPE BATTERIE/INTERRUPEURS D'ARRÊT D'URGENCE & ACCESSOIRES - BATTERIE-/NOTSTOPPSCHALTER & ERSATZTEILE



Amperage: 100/500 A (5 sec)

[REF 111TP3018](#)



Amperage: 150/1000 A (5 sec)

[REF 111TP3019](#)



Diameter: 40 mm

[REF 111TP8409](#)



Two functions – 1-pin and square

[REF 111TP3020](#)



HYDEM

HYDEM version, 1-pin and 2-pin

[REF 111TP8410](#)



Two functions – 1-pin and square

[REF 111TP3024](#)



HYDEM

HYDEM version, 1-pin and 2-pin

[REF 111TP9471](#)



Diameter: 30 mm

[REF 111TP3022](#)



Amperage: 200 A

[REF 111TP3025](#)



Amperage: 200 A

[REF 111TP3023](#)



LIMIT/MICRO SWITCHES

INTERRUPEURS DE FIN DE COURSE/MICRORUPTEURS – END-/MIKROSCHALTER



- Amperage: 4 A
- NO/NO

[REF 111TP3026](#)



- Amperage: 4 A
- NO/NC

[REF 111TP3027](#)



- Amperage: 1 A
- NO/NC

[REF 111TP3028](#)



- Amperage: 3 A
- NO/NC

[REF 111TP3029](#)



- Amperage: 1,5 A
- NO/NC

[REF 111TP3031](#)

See chapter Universal parts on page 711 for more parts.

SENSORS & SWITCHES

CAPTEURS & INTERRUPEURS – SENSOREN & SCHALTER



Length: 450 mm

[REF 111TP8414](#)



Length: 450 mm

[REF 111TP3059](#)



CONTROL BOXES & PARTS

BOÎTIERS DE CONTRÔLE & ACCESSOIRES - BEDIENKÄSTEN & ERSATZTEILE



- Length: 350 mm
- Width: 180 mm
- Height: 180 mm

[REF 111TP3032](#)

- Length: 350 mm
- Width: 180 mm
- Height: 180 mm

[REF 111TP3058](#)

Used on REF 111TP3058

[REF 111TP3038](#)

- Length: 315 mm
- Width: 240 mm
- Height: 140 mm

[REF 111TP3033](#)

- Length: 330 mm
- Width: 185 mm
- Height: 170 mm
- PVC

[REF 111TP3034](#)

- Length: 310 mm
- Width: 154 mm
- Height: 130 mm

[REF 111TP3035](#)

- Length: 320 mm
- Width: 120 mm
- Height: 120 mm

[REF 111TP8411](#)

- Length: 308 mm
- Width: 170 mm
- Height: 157 mm
- 2002

[REF 111TP3036](#)



CONTROL BOXES & PARTS

BOÎTIERS DE CONTRÔLE & ACCESSOIRES - BEDIENKÄSTEN & ERSATZTEILE



- Length: 301 mm
- Width: 145 mm
- Height: 145 mm
- 2002

[**REF 111TP3037**](#)



- Length: 390 mm
- Width: 390 mm
- Height: 315 mm

[**REF 111TP3039**](#)



- Length: 639 mm
- Height: 242 mm
- Alu

[**REF 111TP3040**](#)



- Length: 241 mm
- Height: 238 mm

[**REF 111TP3041**](#)



- Length: 315 mm
- Height: 240 mm

[**REF 111TP3042**](#)



- Length: 325 mm
- Height: 170 mm

[**REF 111TP3043**](#)



- Length: 305 mm
- 2002-...

[**REF 111TP3044**](#)



- Length: 300 mm
- 2008-...

[**REF 111TP3045**](#)



CONTROL BOXES & PARTS

BOÎTIERS DE CONTRÔLE & ACCESSOIRES - BEDIENKÄSTEN & ERSATZTEILE



- Length: 338 mm
- 2009-...

[REF 111TP2423](#)

- Length: 290 mm
- Width: 135 mm
- 2002-...

[REF 111TP3046](#)

3-button

[REF 111TP8412](#)

1-button

[REF 111TP8413](#)

- Length: 103,5 mm
- Height: 65 mm

[REF 111TP3047](#)

- Length: 285 mm
- Height: 125 mm
- 2008-...

[REF 111TP3048](#)

- Length: 320 mm
- Width: 130 mm
- ...-2010

[REF 111TP3049](#)

- Length: 410 mm
- Width: 54 mm
- Height: 155 mm

[REF 111TP3050](#)



CONTROL BOXES & PARTS

BOÎTIERS DE CONTRÔLE & ACCESSOIRES - BEDIENKÄSTEN & ERSATZTEILE



- Length: 306 mm
- Width: 75 mm
- Height: 113 mm

[**REF 111TP3051**](#)



- Length: 300 mm
- Lock PVC cover

[**REF 111TP3052**](#)



Lock complete – 1992–1995

[**REF 111TP3053**](#)



- Diameter: 2 x 5 mm
- Length: 101 mm
- Width: 18 mm
- Height: 10 mm

[**REF 111TP3054**](#)



- Length: 300 mm
- Use on PVC cover

[**REF 111TP3055**](#)



Thread: M5 x 50 mm

[**REF 111TP3056**](#)



- Length: 311 mm
- Width: 111 mm
- Height: 40 mm
- 2008–...

[**REF 111TP3057**](#)

USED ON DHOLLANDIA



CONTROLLERS

COMMANDES - BEDIENUNGEN



Operate your tail lift with our high-quality hand controls available in 2- or 3-button configurations.

Your benefits:

- Maximum comfort, high productivity
- Unique ergonomic design
- Easy push system
- With magnet and ring for easy handling
- Rubber shock absorber
- Usable in cold and wet environments

Applications:

Tail lifts, winches, cranes to name a few

Specifications:

- Protection (IP): IP44 according to EN 60 529
- Contact type: Mafelec (push button)
- Max amperage: 10 A
- Operating temperature: -25 °C up to 60 °C
- Material: ABS plastic with rubber buffer
- Cable: polyurethane 3,5 metres working length

Available colours:

Orange, yellow, green, red and blue

Available in different colours and in 2- or 3-button configurations.

Ask for your quantity discount. All models are equipped with Mafelec switches.

2-button hand controls with cable and connector

Make	Colour	REF
Dhollandia	Orange	111TP5193

3-button hand controls with cable and connector

Make	Colour	REF
Dhollandia	Orange	111TP5204
Dhollandia passenger lifts	Orange	111TP5205

2-button hand controls without cable

Colour	REF
Orange	111TP5214
Blue	111TP5215
Red	111TP5216
Yellow	111TP5217
Green	111TP5218

3-button hand controls without cable

Colour	REF
Orange	111TP5219
Blue	111TP5220
Yellow	111TP5221
Red	111TP5222
Green	111TP5223

CONTROLLERS

COMMANDES - BEDIENUNGEN



- 2 x NO
- Mafelec switch

[REF 111TP8092](#)



- 1 x NO + 1 x NC
- Mafelec switch

[REF 111TP8093](#)



CONTROLLERS

COMMANDES - BEDIENUNGEN



- Complete control
- 2-button
- Mafelec

REF [111TP8416](#)



- Complete control
- 3-button
- Mafelec

REF [111TP8417](#)



- Length: 115 mm
- Width: 65 mm
- Height: 10 mm

REF [111TP2946](#)



- Length: 124 mm
- Width: 36 mm
- Height: 59 mm

REF [111TP2947](#)



- Length: 155 mm
- Width: 35 mm
- Height: 70 mm

REF [111TP2948](#)



- Length: 157 mm
- Width: 60 mm
- Height: 55 mm

REF [111TP8405](#)



Button switch for cooled trailer

REF [111TP2950](#)



- Voltage: 24 V
- With heating cable

REF [111TP2951](#)

See chapter Universal parts on page 712 for more parts.



FOOT CONTROLLERS & PARTS

COMMANDES AU PIED & ACCESSOIRES - FUSSSCHALTER & ERSATZTEILE



Diameter: 87,5 x 46,5 mm

[REF 111TP2984](#)



Diameter: 46 x 12 mm

[REF 111TP5013](#)



Diameter: 40 mm

[REF 111TP2986](#)



Diameter: 30 mm

[REF 111TP2987](#)



- Length: 425 mm
- Width: 72 mm

[REF 111TP2985](#)



- Length: 465 mm
- Width: 75 mm

[REF 111TP2989](#)



- Length: 530 mm
- Width: 100 mm
- ...-2010 - alu

[REF 111TP2990](#)



- Length: 450 mm
- Width: 100 mm

[REF 111TP2991](#)



FOOT CONTROLLERS & PARTS

COMMANDES AU PIED & ACCESSOIRES – FUSSSCHALTER & ERSATZTEILE



- Length: 530 mm
- Width: 100 mm
- < 2010 – alu

[REF 111TP5132](#)



- Length: 450 mm
- Width: 75 mm

[REF 111TP2992](#)



- Diameter: 4 x 4 mm
- Length: 38 mm
- Width: 37 mm

[REF 111TP2993](#) – Black
[REF 111TP2994](#) – Red



- Diameter: 40,5/61,5 mm
- Thread: M4 x 8 mm

[REF 111TP2995](#)



- Length: 61 mm
- Width: 34 mm
- Height: 24 mm

[REF 111TP2996](#)



- Diameter: 2 x 4 mm
- Length: 40 mm
- Width: 39 mm

[REF 111TP2997](#)



TM

[REF 111TP2998](#)



For 1 x [REF 111TP3030](#)

[REF 111TP2982](#)



FOOT CONTROLLERS & PARTS

COMMANDES AU PIED & ACCESSOIRES - FUSSSCHALTER & ERSATZTEILE



For 2 x REF 111TP3030

[REF 111TP2983](#)



- Voltage: 250 V
- Amperage: 5 A
- Length: 500 mm
- IP66

[REF 111TP3060](#)



- Voltage: 250 V
- Amperage: 4 A
- Length: 500 mm

[REF 111TP3061](#)



TM 2008-...

[REF 111TP3062](#)



TM 2008-... – set

[REF 111TP3063](#)



VARIOUS CONTROLLER PARTS

DIVERSES PIÈCES DE COMMANDE - WEITERE BEDIENUNG-ERSATZTEILE



- Length: 125 mm
- Width: 80 mm
- Height: 60 mm

[REF 111TP3069](#)



- Length: 129 mm
- Width: 52 mm
- Height: 53 mm

[REF 111TP3072](#)



- Diameter: 30 mm
- Used on REF 111TP2981

[REF 111TP3076](#)



- Diameter: 34 mm
- Thread: M30 x 1,5 mm
- Used on REF 111TP2981

[REF 111TP8418](#)



Diameter: 28/32 – 16 mm

[REF 111TP3073](#)



Diameter: 18 x 14 mm

[REF 111TP3074](#)



Diameter: 32 x 16 mm

[REF 111TP3075](#)



Diameter: 50 mm

[REF 111TP3078](#)



BATTERY CABLES

CÂBLES DE BATTERIE - BATTERIEKABEL



Wire size: 25 mm²

REF [111TP3079](#)



Wire size: 35 mm²

REF [111TP3080](#) – Sold per metre

REF [111TP3081](#) – Sold per 9 m

REF [111TP3082](#) – Sold per 18 m

REF [111TP1054](#) – Sold per 25 m



Wire size: 50 mm²

REF [111TP3083](#) – Sold per metre

REF [111TP1055](#) – Sold per 25 m



See chapter Universal parts on page 717 for more parts.

KOSTAL CABLES

CÂBLES KOSTAL - KOSTALKABEL



HYDEM

- Length: 4000 mm
- Thread: M24 x 1 mm/M27 x 1 mm

REF [111TP5133](#)

USED ON DHOLLANDIA



SPIRAL CABLES

CÂBLES SPIRALÉS – SPIRALKABEL



Diameter mm	Length mm	Wire size mm ²	REF
10/25	3500	4 x 0,75	111TP9878



Diameter mm	Length mm	Wire size mm ²	REF
14/25	4500	4 x 0,75	111TP3089



Diameter mm	Length mm	Wire size mm ²	REF
15/29	2500	5 x 0,75	111TP3088



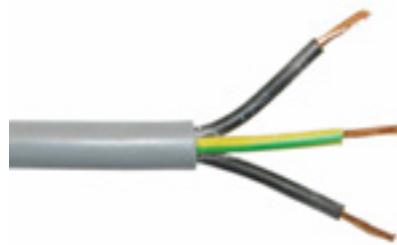
Diameter mm	Length mm	Wire size mm ²	REF
15/30	2500	7 x 0,75	111TP3090

See chapter Universal parts on page 718 for more parts.



CABLES & PARTS

CÂBLES DE BATTERIE - KABEL & ERSATZTEILE



Wire size: 3 x 1 mm²

[REF 111TP3091](#)



Wire size: 4 x 1 mm²

[REF 111TP3092](#)



Wire size: 5 x 1 mm²

[REF 111TP3093](#)



Wire size: 9 x 1 mm²

[REF 111TP3094](#)



- Voltage: 24 V
- Wattage: 3,51 W
- Length: 440 mm
- Heating cable for REF 111TP2951

[REF 111TP3095](#)



CONNECTORS & PARTS

CONNECTEURS & ACCESSOIRES - STECKER & ERSATZTEILE



- Amperage: 160 A
- Wire size: 35 mm²
- SBE160

[**REF 111TP3097**](#)



- Amperage: 175 A
- Wire size: 50 mm²
- SB175

[**REF 111TP3098**](#)



- Amperage: 350 A
- Wire size: 70 mm²
- SBX350

[**REF 111TP3099**](#)



- Amperage: 250 A
- Wire size: 50 mm²
- Rema

[**REF 111TP3100**](#)



- Amperage: 250 A
- Wire size: 50 mm²
- Rema

[**REF 111TP3101**](#)



- Amperage: 250 A
- Wire size: 50 mm²
- Ravioli

[**REF 111TP9835**](#)



- Amperage: 250 A
- Wire size: 50 mm²
- Ravioli

[**REF 111TP9836**](#)



- Amperage: 160 A
- HYDEM version

[**REF 111TP9837**](#)



CONNECTORS & PARTS

CONNECTEURS & ACCESSOIRES - STECKER & ERSATZTEILE



HYDEM

- Amperage: 250 A
- Wire size: 40 mm²
- HYDEM version

REF [111TP9838](#)



- Voltage: 220 V
- Length cable: 400 mm

REF [111TP3102](#)



Voltage: 220 V

REF [111TP3103](#)



- 7-pole
- DIN 72577
- ISO 1724

REF [111TP3104](#)



- 7-pole
- DIN 72577
- ISO 1724

REF [111TP3105](#)



Hirschmann (GSA)

REF [111TP3106](#)

See chapter Universal parts on page 719 for more parts.



FLASHER LIGHTS & PARTS

LAMPES TORCHES & ACCESSOIRES – BLINKLEUCHTEN & ERSATZTEILE



- Voltage: 12/24 V
- LED

REF [111TP3107](#)



- Voltage: 12/24 V
- Universal

REF [111TP4572](#)



- Length: 120 mm
- Width: 45 mm
- DHV

REF [111TP3109](#)



- Voltage: 12/24 V
- LED mini

REF [111TP8420](#)



Diameter: 64 x 42 mm

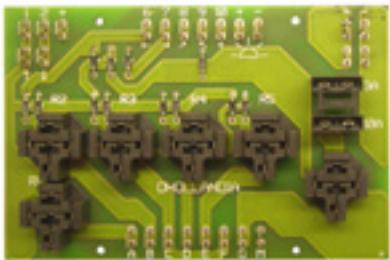
REF [111TP3108](#)

See chapter Universal parts on page 725 for more parts.

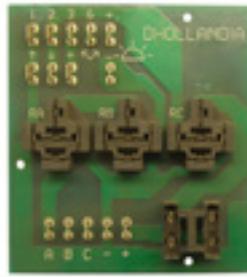


PRINTED CIRCUIT BOARDS/CONTROLLERS

CIRCUITS IMPRIMÉS/COMMANDES – LEITERPLATTEN/BEDIENUNGEN



1992–...

[REF 111TP3110](#)

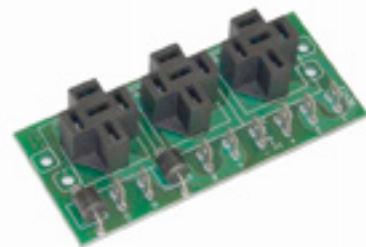
1992–...

[REF 111TP3111](#)

Voltage: 12 V

[REF 111TP8421](#)

New model

[REF 111TP8422](#)

Used on REF 111TP2946

[REF 111TP3112](#)

Complete DH-SM

[REF 111TP3113](#)



CABLE SHOES & BATTERY CLAMPS

CONNECTEURS & PINCES DE BATTERIE – KABELSCHUHE & BATTERIEKLAMMERN



Diameter mm	REF
17,5 (+)	111TP3121
115,7 (-)	111TP3122



Diameter mm	Wire size mm ²	REF
6	25	111TP3123
10	35	111TP3124
10	50	111TP3125

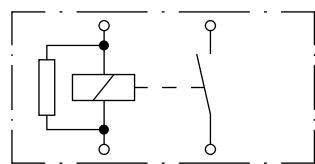


Diameter mm	Length mm	Colour	Info	REF
24	4500	Black	(-)	111TP3096
24	4500	Red	(+)	111TP988

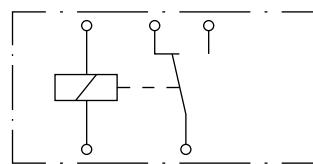


RELAYS

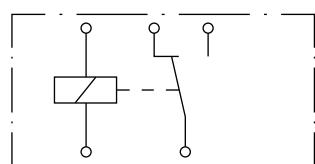
RELAIS – RELAIS



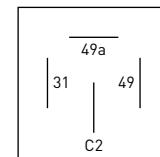
Voltage	Amperage	REF
12	30	111TP3114



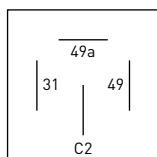
Voltage	Amperage	REF
12	30	111TP3115



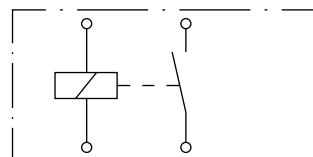
Voltage	Amperage	REF
24	20	111TP3116



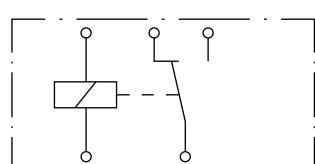
Voltage	Info	REF
12	Wattage: 170 max	111TP3117



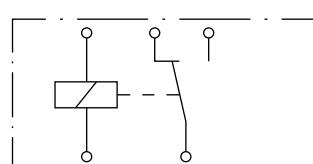
Voltage	Info	REF
24	Wattage: 170 max	111TP3118



Voltage	Amperage	REF
24	22	111TP3119



Voltage	REF
12	111TP8580



Voltage	REF
12	111TP8581

See chapter Universal parts on page 727 for more parts.



FUSES

FUSIBLES – SICHERUNGEN



DIN 72581/2

- REF 111TP3126** – Amperage: 75 A
- REF 111TP3127** – Amperage: 100 A
- REF 111TP3128** – Amperage: 200 A
- REF 111TP3129** – Amperage: 300 A



- REF 111TP3130** – Amperage: 100 A
- 111TP3131** – Amperage: 200 A
- REF 111TP9879** – Amperage: 250 A
- REF 111TP3132** – Amperage: 300 A



Mega

- REF 111TP3133** – Amperage: 100 A, black*
- REF 111TP8423** – Amperage: 150 A, orange*
- REF 111TP8424** – Amperage: 175 A, white*
- REF 111TP8000** – Amperage: 200 A, blue*
- REF 111TP3134** – Amperage: 250 A, pink*



- Dimensions: 19 x 20 mm
- DIN 72581/med
- REF 111TP3136** – Amperage: 3 A, pink
- REF 111TP3137** – Amperage: 15 A, blue
- REF 111TP3138** – Amperage: 30 A, green



- Amperage: 80 A
- DIN 72581/2

REF 111TP3139



- Amperage: 250 A
- DIN 43560/1

REF 111TP3135

See chapter Universal parts on page 728 for more parts.

* The colour codes are not always correct, this is just an indication.



FUSE HOLDERS & PARTS

PORTE-FUSIBLES & ACCESSOIRES – SICHERUNGSHALTER & ERSATZTEILE



DIN 72581/med

[REF 111TP3140](#)



Thread: M10

[REF 111TP3145](#)



- DIN 43560/1
- Mega
- CNN/ANN

[REF 111TP3141](#)



- HYDEM version
- DIN 43560/1
- Mega
- CNN/ANN

[REF 111TP9470](#)



DIN 72581/med

[REF 111TP3142](#)



DIN 72581/med

[REF 111TP3143](#)



Mega

[REF 111TP3144](#)



Thread: M8

[REF 111TP3146](#)



- Length: 32,5 mm
- Width: 19 mm
- Height: 17 mm

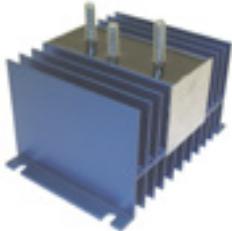
[REF 111TP3147](#)

See chapter Universal parts on page 732 for more parts.



THYRISTORS & DIODES

THYRISTORS & DIODES – THYRISTOREN & DIODEN



- Amperage: 70 A
- Length: 120 mm
- Width: 100 mm
- Height: 65 mm

[REF 111TP3148](#)



- Voltage: 1000 V
- Amperage: 3 A

[REF 111TP3149](#)



Diameter: 12 mm

[REF 111TP3150](#)



Diameter: 18 mm

[REF 111TP3151](#)



Diameter: 21 mm

[REF 111TP3152](#)



Length: 35 mm

[REF 111TP3157](#)



- Metric cable gland and nut
- With extra reducing seal
- Used on cables with smaller outer diameter

[REF 111TP3153](#) – Thread: M20 x 1,5 mm

[REF 111TP3154](#) – Thread: M25 x 1,5 mm

[REF 111TP3155](#) – Thread: PG11

[REF 111TP3156](#) – Thread: PG13,5



Length: 30 mm

[REF 111TP3158](#)



Dimensions: 17,7 x 17,7 mm

[REF 111TP3159](#)



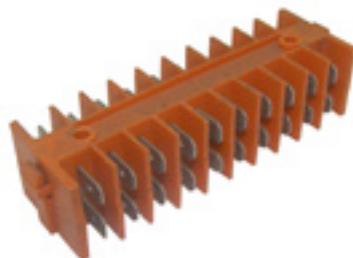
VARIOUS ELECTRICAL PARTS

DIVERSES PIÈCES ÉLECTRIQUES - WEITERE ELEKTRISCHE ERSATZTEILE



8-pole

[REF 111TP3160](#)



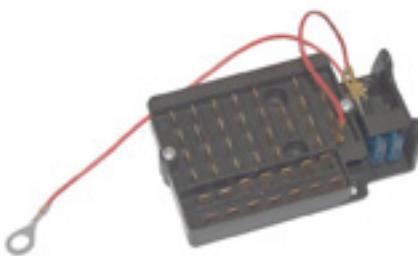
10-pole

[REF 111TP3161](#)



2008...

[REF 111TP8425](#)



2010-

[REF 111TP3162](#)



8-pole

[REF 111TP3163](#)



Female

[REF 111TP3164](#)



- Voltage: 24 V
- Amperage: 5 A

[REF 111TP3165](#)



Voltage: 12 V

[REF 111TP8168](#)



VARIOUS ELECTRICAL PARTS

DIVERSES PIÈCES ÉLECTRIQUES – WEITERE ELEKTRISCHE ERSATZTEILE



Voltage: 24 V

REF [111TP8426](#)



- Diameter: 1,5 mm
- Length: 12 mm
- Width: 7,5 mm

REF [111TP3166](#)



Voltage: 24 V

REF [111TP9839](#)

USED ON DHOLLANDIA



VARIOUS PARTS - DIVERSES PIÈCES - VERSCHIEDENE ERSATZTEILE

BATTERY COVERS/HOUSINGS

COUVERCLES/LOGEMENTS BATTERIE - BATTERIEKÄSTEN/-DECKEL



- Length: 580 mm
- Width: 500 mm
- Height: 260 mm

[REF 111TP3167](#)



- Length: 640 mm
- Width: 545 mm
- Height: 200 mm
- ...-1992

[REF 111TP3168](#)

DECALS

AUTOCOLLANTS - AUFKLEBER



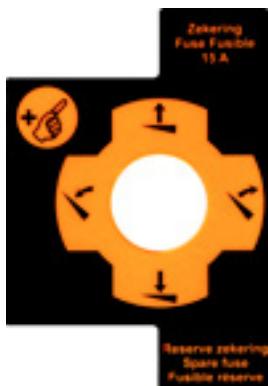
- Length: 131 mm
- Height: 78 mm
- Dutch

[REF 111TP3169](#)



- Length: 300 mm
- Height: 138

[REF 111TP3170](#)



- Length: 86 mm
- Height: 225 mm
- 2002

[REF 111TP3171](#)



- Length: 130,5 mm
- Height: 43,3 mm
- 2002

[REF 111TP3172](#)



- Lees de gebruikshandleiding.
- Consultez le carnet de bord.
- Consult the users manual.
- Beachten Sie die Betriebsanleitung.
- Consulte el manual de instrucciones.
- Consultare il manuale istruzioni.
- Consulte o manual de instruções.

- Length: 130,5 mm
- Height: 43,5 mm
- 2002

[REF 111TP3173](#)



- Length: 56 mm
- Height: 125 mm
- CE 2002

[REF 111TP3174](#)



DECALS

AUTOCOLLANTS - AUFKLEBER



- Length: 70 mm
- Height: 70 mm

[REF 111TP3175](#)



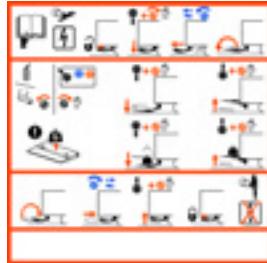
- Length: 115 mm
- Height: 115 mm

[REF 111TP3176](#)



- Length: 60 mm
- Height: 60 mm

[REF 111TP8427](#)



- Length: 150 mm
- Height: 150 mm

[REF 111TP8428](#)



- Length: 301 mm
- Height: 139 mm

[REF 111TP3177](#)

See chapter Universal parts on page 735 for more parts.





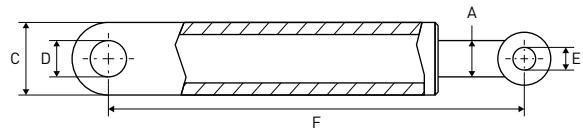
USED ON
ERHEL HYDRIS

USED ON ERHEL HYDRIS

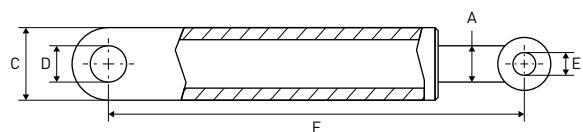


LIFT CYLINDERS

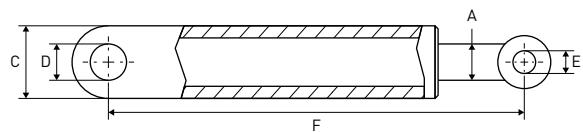
VÉRINS DE LEVAGE - HUBZYLINDER



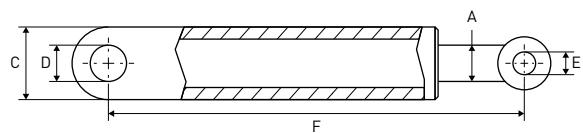
A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
60	80	80	25	25	385	Light NI/NE	111TP3181	111TP3186



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
35	60	70	30	30	525	2000K Gamme IV	111TP3182	112TP9857



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
45	90	100	30	30	535	City 1500	111TP9267	112TP9858



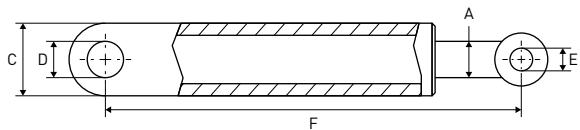
A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
55	55	60/70	25	20	510	ZOOM P 1506	111TP9270	112TP9859

USED ON ERHEL HYDRIS

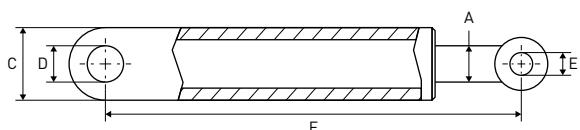


LIFT CYLINDERS

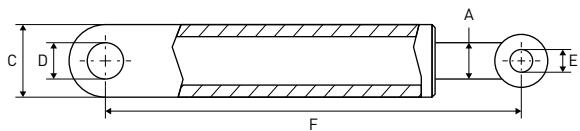
VÉRINS DE LEVAGE – HUBZYLINDER



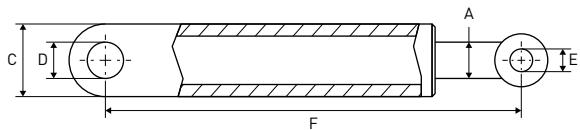
A mm	B mm	C mm	D mm	E mm	F mm	Info	REF
						Cylinder	Seal kit
40	70	80	30	30	625	ZOOM SR 2504.90 Gamme IV	111TP9271 112TP9860



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF
						Cylinder	Seal kit
45	90	10	35	35	505	Classic 1502 2G	111TP9272 112TP9858



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF
						Cylinder	Seal kit
45	80	90	35	35	505	Classic 2000 ZOOM 2000	111TP9273 112TP9861



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF
						Cylinder	Seal kit
35	60	70	35	35	505	ZOOM P 1505	111TP9274 112TP9857

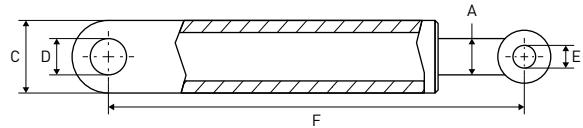
USED ON ERHEL HYDRIS



CYLINDERS - VÉRINS/CYLINDRES - ZYLINDER

LIFT CYLINDERS

VÉRINS DE LEVAGE - HUBZYLINDER



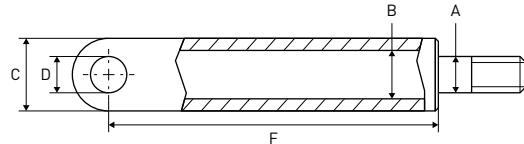
A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
45	90	100	35	35	655	RL 1501	111TP9266	112TP9858

TI LT CYLINDERS

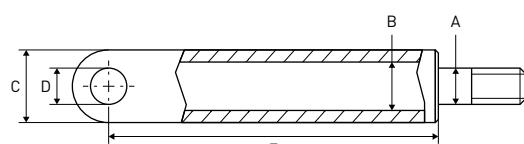
VÉRIN D'INCLINAISON - SCHLIESSZYLINDER



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
30	60	70	M30	25	219	Light NI/NE 1G	111TP3183	111TP3185



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
45	80	90	30	M38	235	Classic 2504.90 Classic 3004.70	111TP3184	112TP9862



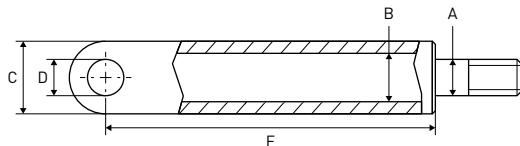
A mm	B mm	C mm	D mm	F mm	Info	REF	
						Cylinder	Seal kit
35	60	70	30	230	Classic 1504.65	111TP9260	112TP9857

USED ON ERHEL HYDRIS

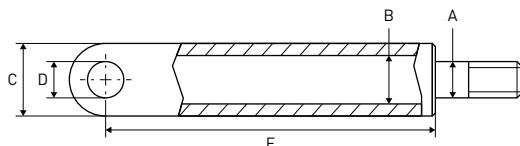


TILT CYLINDERS

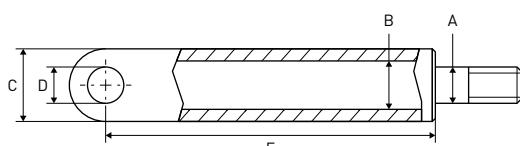
VÉRIN D'INCLINAISON – SCHLIESZYLINDER



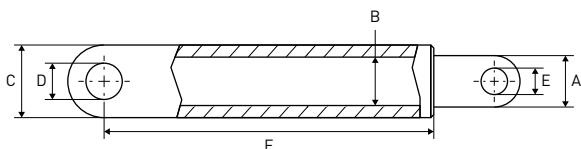
A mm	B mm	C mm	D mm	F mm	Info	REF	
						Cylinder	Seal kit
60	70	80	30	60	ZOOM P ZOOM SR 1504.65	111TP9262	111TP3186



A mm	B mm	C mm	D mm	F mm	Info	REF	
						Cylinder	Seal kit
45	70	80	30	285	CLASSIC 1504.90 2004.70	111TP9263	111TP9313



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
45	80	90	30	70		ZOOM SR 2004.70	111TP9265	111TP9316



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
50	90	100	35	35	725	Classic 1502	111TP9266	112TP9858

USED ON ERHEL HYDRIS



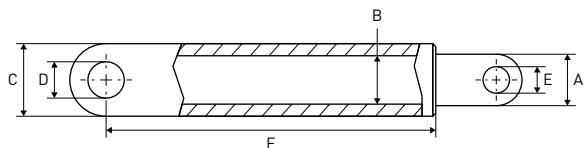
CYLINDERS - VÉRINS/CYLINDRES - ZYLINDER

TILT CYLINDERS

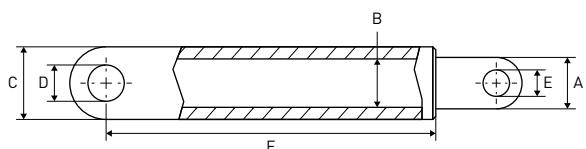
VÉRIN D'INCLINAISON - SCHLIESSZYLINDER



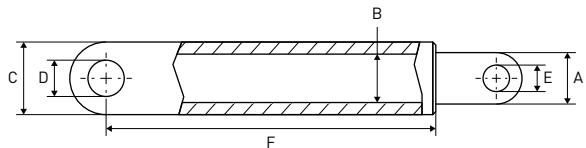
A mm	B mm	C mm	E mm	F mm	Info	REF
				Cylinder	Seal kit	
30	60	70	25	270	Classic 1506 2G	111TP9268 112TP9863



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF
				Cylinder	Seal kit		
45	90	100	35	35	845	Retract EH 2G	111TP9275 112TP9858



A mm	C mm	E mm	F mm	Info	REF
				Cylinder	Seal kit
40	70	20	225	RL 501/751 2G	111TP9276 112TP9864



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF
				Cylinder	Seal kit		
45	80	90	35	35	406	Classic 2000 2G	111TP9277 112TP9861

USED ON ERHEL HYDRIS

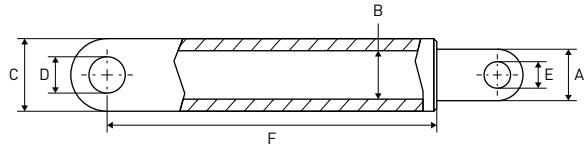


TILT CYLINDERS

VÉRIN D'INCLINAISON – SCHLIESSZYLINDER



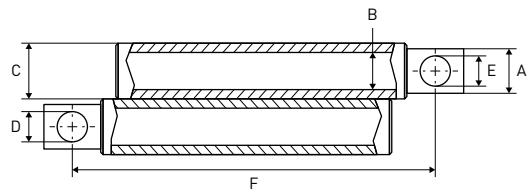
A mm	B mm	C mm	E mm	F mm	Info	REF
				Cylinder	Seal kit	
30	60	70	25	219	Light NI/NE 1G	111TP9279 111TP3185



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF
				Cylinder	Seal kit		
45	90	100	35	35	845	Retract RL 1G	111TP9281 112TP9858

RETRACTION CYLINDERS

VÉRINS DE RÉTRACTION – ZEICHZYLINDER



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF
				Cylinder	Seal kit		
30	50	60	16	16	600	Retract EH	111TP9278 112TP9865

USED ON ERHEL HYDRIS



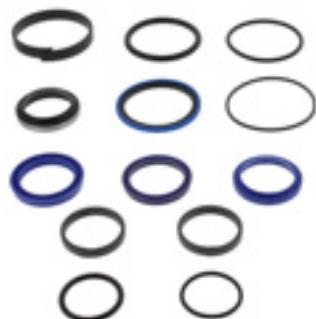
SEAL KITS

KITS DE JOINTS - DICHTUNGSSÄTZE



Diameter: 30/40 mm

[REF 111TP3185](#)



Diameter: 35/60 mm

[REF 111TP9307](#)



Diameter: 45/55 mm

[REF 111TP9315](#)



Diameter: 45/80 mm

[REF 111TP9311](#)



Diameter: 30/60 mm

[REF 111TP9314](#)



Diameter: 40/40 mm

[REF 111TP9306](#)



Diameter: 45/70 mm

[REF 111TP9313](#)



Diameter: 45/80 mm

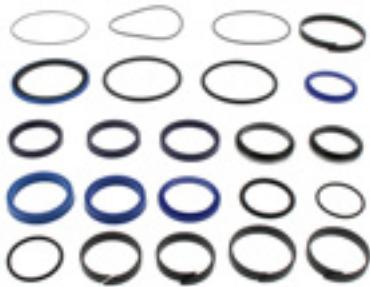
[REF 111TP9316](#)

USED ON ERHEL HYDRIS



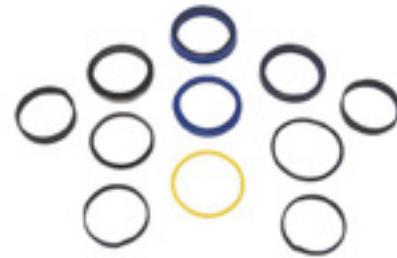
SEAL KITS

KITS DE JOINTS – DICHTUNGSSÄTZE



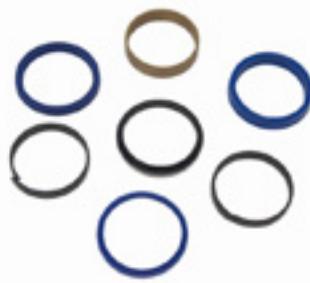
Diameter: 45/90 mm

[REF 111TP9309](#)



Diameter: 50/50 mm

[REF 111TP9308](#)

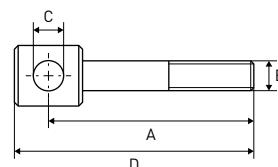


Diameter: 60/70 mm

[REF 111TP3186](#)

EXTENSIONS

RALLONGES – VERLÄNGERUNG



A mm	B mm	C mm	D mm	REF
195	M42	30	220	111TP9238
260	M30 x 200	30	285	111TP9293
295	M38	30	320	111TP3188
370	M30 x 200	30	395	111TP9255



A mm	B mm	C mm	D mm	REF
195	M30 x 200	25	215	111TP9337



BRACKETS

SUPPORTS - BÜGEL



Dimensions: 40 x 40 x 155 mm

[REF 111TP9331](#)



For type Gamme IV

[REF 111TP9334](#)



- Thickness: 5 mm
- Dimensions: 160 x 100 x 40 mm

[REF 111TP9338](#)

USED ON ERHEL HYDRIS

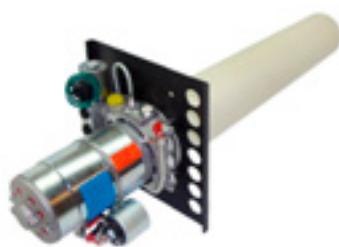


DC HYDRAULIC POWER UNITS

GROUPE HYDRAULIQUE DC – DC HYDRAULIKAGGREGAT



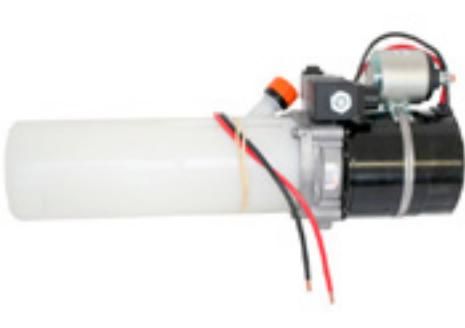
Voltage	kW	CC	Info l	REF
24	1,5	2,0	6 - 4/2 vert	111TP9194



Voltage	kW	CC	Info l	REF
24	2,2	3,0	6 - 4/2 vert	111TP9196



Voltage	kW	CC	REF
24	1,2	0,75	112TP9866



Voltage	kW	CC	REF
24	1,2	0,75	111TP9186



Voltage	kW	CC	Info l	REF
12	1,5	2,0	10	111TP9198



CC	Length mm	Thread	Info	REF
3,0	360	9/16 UNF	Vertical	111TP9193
2,0	370	M10 x 1,5 mm	Vertical	111TP9192

See chapter Universal parts on page 697 for more parts.

USED ON ERHEL HYDRIS



COVERS

COUVERCLES - ABDECKUNGEN



Length mm	Height mm	Width mm	REF
290	255	265	111TP3190



Length mm	Height mm	Width mm	REF
395	330	175	111TP9068



Length mm	Height mm	Width mm	REF
485	200	200	111TP9069



Length mm	Height mm	Width mm	REF
438	140	25	111TP9070



Length mm	Height mm	Width mm	REF
445	335	155	111TP9071



Length mm	Height mm	Width mm	REF
532	244	234	111TP9072



Length mm	Height mm	Width mm	REF
405	200	200	111TP9075



Length mm	REF
320	111TP9076



Length mm	Height mm	Width mm	REF
285	245	272	111TP9077



Length mm	Height mm	Width mm	REF
470	200	200	111TP9078

USED ON ERHEL HYDRIS



CASES

BOÎTIERS - GEHÄUSE



Length mm	Width mm	REF
275	225	111TP9189

USED ON ERHEL HYDRIS



TANKS & OIL RESERVOIRS

RÉSERVOIRS (D'HUILE) - TANKS & ÖLBEHÄLTER



Length mm	Diameter mm	Volume l	REF
625	125	6	111TP9185



Length mm	Diameter mm	Volume l	REF
300	80	3	111TP9188



Length mm	Diameter mm	Volume l	REF
280	90	1,7	111TP9190



Length mm	Diameter mm	Volume l	REF
660	125	10	111TP9195



Length mm	Diameter mm	Volume l	REF
280	125	3	111TP9199



Length mm	Diameter mm	Volume l	REF
195	125	2	111TP9201



Length mm	Diameter mm	Volume l	REF
660	110	10	111TP9202



Length mm	Diameter mm	Volume l	REF
165	95	1,8	112TP9867

USED ON ERHEL HYDRIS



FILTERS & BREATHERS

FILTRES & RENIFLARDS - FILTER & ENTLÜFTER



- Diameter: 80 mm
- Thread: 3/8"
- Thickness: 35 mm

[REF 111TP9361](#)



104 µ

[REF 111TP9128](#)



Thread: 3/4"

[REF 111TP3454](#)



Thread: 3/8"

[REF 111TP9324](#)



Thread: 1/2"

[REF 111TP9325](#)

USED ON ERHEL HYDRIS



LOCKS

SERRURES - VERRIEGELUNGEN



RH

[REF 111TP9215](#)



RH

[REF 111TP9219](#)



Lock kit universal

[REF 111TP9220](#)



Rubber lock

[REF 111TP9297](#)



[REF 111TP9294](#)



[REF 111TP9296](#)

USED ON ERHEL HYDRIS



GASKETS

JOINTS – DICHTUNGEN



- Thickness: 10 mm
- Dimensions: 150 x 150 mm

[**REF 111TP9161**](#)



Joint JE

[**REF 111TP9162**](#)



- Diameter: 90 mm
- Ø 3 tor.

[**REF 111TP9163**](#)

USED ON ERHEL HYDRIS



ELECTRIC MOTORS

MOTEURS ÉLECTRIQUES – ELEKTROMOTOREN



Voltage	kW	Rotation	REF
24	2,0	CW >>	111TP3191
24	2,2	CW >>	111TP3192



Voltage	kW	Rotation	REF
12	2,1	<< CCW	111TP3195
24	2,1	<< CCW	111TP3194



Voltage	kW	Rotation	REF
12	1,6	CW >>	111TP3199
24	2,2	CW >>	111TP3200



Voltage	kW	Rotation	REF
12	2,0	CW >>	111TP3201
24	3,0	CW >>	111TP3202



Voltage	kW	Rotation	REF
12	0,9	<< CCW	112TP5783
24	1,2	<< CCW	111TP3198



Voltage	kW	Rotation	Info	REF
24	1,2	<< CCW	Improved version of REF 111TP3198	111TP9081



Voltage	kW	Rotation	REF
12	0,9	<< CCW	111TP3193
24	1,0	<< CCW	111TP9095



Voltage	kW	Rotation	REF
12	0,8	<< CCW	111TP9087



Voltage	kW	Rotation	REF
24	2,2	CW >>	111TP9089



Voltage	kW	Rotation	REF
24	2,0	<< CCW	111TP9092

USED ON ERHEL HYDRIS



ELECTRIC MOTORS

MOTEURS ÉLECTRIQUES - ELEKTROMOTOREN



Voltage	kW	Rotation	REF
24	3,0	CW >>	111TP9101



Voltage	kW	Rotation	REF
12	1,6	CW >>	111TP9085



Voltage	kW	Rotation	REF
24	2,2	<< CCW	111TP9088



Voltage	kW	Rotation	REF
24	1,0	<< CCW	111TP9091



Voltage	kW	Rotation	REF
24	2,2	CW >>	111TP9094



Voltage	kW	Rotation	REF
24	1,2	<< CCW	111TP9099



Voltage	kW	Rotation	REF
24	3,0	<< CCW	111TP9103



Voltage	kW	Rotation	REF
12	1,1	<< CCW	111TP9097

See chapter Universal parts on page 735 for more parts.

USED ON ERHEL HYDRIS



HYDRAULIC PUMPS

POMPES HYDRAULIQUES – HYDRAULIKPUMPEN



CC	Rotation	REF
1,7	<< CCW	111TP3203

CC	Rotation	REF
2,5	<< CCW	111TP3204



CC	Rotation	REF
0,75	<< CCW	111TP3207

CC	Rotation	REF
2,0	<< CCW	111TP9208



CC	Rotation	REF
2,7	<< CCW	111TP9209



CC	Rotation	REF
2,0	CW >>	111TP9211

See chapter Universal parts on page 699 for more parts.

HYDRAULIC MOTORS

MOTEUR HYDRAULIQUES – HYDRAULIKMOTOR



For gamma IV retractable lift

REF [111TP9203](#)

USED ON ERHEL HYDRIS



SOLENOID SWITCHES/CONTACTORS

SOLÉNOÏDES/CONTACTEURS – MAGNETSCHALTER/SCHÜTZE

	Amperage	Info	REF	
			12 V	24 V
	80		111TP9067	
	80		111TP9289	111TP9290
	80		111TP9065	111TP8335
	100			111TP9425
	150	350 A (5 sec)	111TP3209	111TP3210
	150		111TP9304	

See chapter Universal parts on page 701 for more parts.

USED ON ERHEL HYDRIS



COUPLERS

COUPLEURS – KUPPLUNGEN



Diameter mm	Height mm	Info	REF
20	35	M/F	111TP9247



Diameter mm	Height mm	Info	REF
18	21	M/F	111TP9248



Diameter mm	Height mm	Info	REF
19/25	20	F/F	111TP9249



Diameter mm	Height mm	Info	REF
18	48	F/F	111TP9250



Diameter mm	Height mm	Info	REF
18	32	F/F	111TP9251



Diameter mm	Height mm	REF
14	11,5	112TP6249

See chapter Universal parts on page 702 for more parts.

USED ON ERHEL HYDRIS



BRUSHES

BALAIS - KOHLEBÜRSTEN



Dimensions: 16 x 9 x 18 mm

[REF 111TP9231](#)



Dimensions: 20 x 9 x 22 mm

[REF 111TP9232](#)



Dimensions: 13 x 9 x 25 mm

[REF 111TP9233](#)



Dimensions: 12 x 7 x 21 mm

[REF 111TP9234](#)



Dimensions: 13 x 9 x 25 mm

[REF 111TP9235](#)

USED ON ERHEL HYDRIS

**HOSES**

TUYAUX – SCHLÄUCHE



Length mm	Info	REF
800	HP – 1/4 ETM10 + BJ14	111TP9168
1830	HP – 1/4 ETM10 + 1BJ12	111TP9178



Length mm	Info	REF
465	HP – 1/4 ETM10 + ETM10 90°	111TP9172
600	HP – 1/4 ETM10 + ETM10 90°	111TP9181
800	HP – 1/4 ETM10 + ETM10 90°	111TP9180
900	HP – 1/4 ETM10 + ETM10 90°	111TP9169
1000	HP – 1/4 ETM10 + ETM10 90°	111TP9184
1250	HP – 1/4 ETM10 + ETM10 90°	111TP9179



Length mm	Info	REF
950	HP – 1/4 2ETM10 90°	111TP9170

USED ON ERHEL HYDRIS



HOSES

TUYAUX - SCHLÄUCHE



Length mm	Info	REF
600	HP - 1/4 ETM10 + BJ14	111TP9182
1250	HP - 1/4 ETM10 90° + BJ1/4	111TP9171
1600	HP - 1/4 BJ14 + ETM10 90°	111TP9183



Length mm	Info	REF
1650	HP - 1/4 2ETM10	111TP9175



Length mm	Info	REF
900	HP - 1/4 BJ14	111TP9177



FITTINGS

RACCORDS – KUPPLUNGEN



- Diameter: 1,25 mm
- Length: 46 mm
- Thread: 3/8"

[REF 111TP9134](#)

Thread: M14 x 150 mm

[REF 111TP9140](#)



- Diameter: 3 mm
- Length: 46 mm
- Thread: 3/8"

[REF 111TP9142](#)



- Diameter: 3,3 mm
- Length: 46 mm
- Thread: 3/8"

[REF 111TP9144](#)



- Diameter: 2,25 mm
- Length: 46 mm
- Thread: 3/8"

[REF 111TP9145](#)

- Diameter: 1,75 mm
- Length: 46 mm
- Thread: 3/8"

[REF 111TP9146](#)



Thread: M14 x 150 mm

[REF 111TP9135](#)

- Thread: M16 x 150 mm
- T10

[REF 111TP9129](#)

USED ON ERHEL HYDRIS



FITTINGS

RACCORDS – KUPPLUNGEN



- Thread: M14 x 150 mm
- 10 l DIN conical male

[REF 111TP9130](#)



- Thread: 1/4"
- 10 l cylindrical gas

[REF 111TP9131](#)



- Thread: M16 x 150 mm
- 10 l

[REF 111TP9133](#)



- Thread: M14 x 150 mm + M16 x 150 mm
- 8 l x 10 l

[REF 111TP9136](#)



- Thread: M16 x 150 mm
- 10 l

[REF 111TP9137](#)



- Thread: M16 x 150 mm + 1/4"
- 10 l + male gas conical

[REF 111TP9138](#)



- Thread: M16 x 150 mm
- T 10 l

[REF 111TP9139](#)



- M16 x 150 mm
- T 10 l

[REF 111TP9143](#)

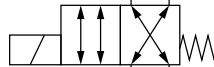
USED ON ERHEL HYDRIS



COILS & VALVES - BOBINES & SOUPAPES - SPULEN & VENTILE

SOLENOID VALVES

ÉLECTROVANNES - MAGNETVENTILE

	Type	Voltage	Diameter mm	REF
	4/2	12	12,5	111TP3223
HYDEM  	4/2	24	15,8	111TP3224
	2/2	24	15	111TP9113
	4/2	12	18	111TP9126
	4/2	24	18	111TP9124

USED ON ERHEL HYDRIS



SOLENOID VALVES

ÉLECTROVANNES - MAGNETVENTILE

	Type	Voltage	Diameter mm	REF
	2/2	24	14	112TP3088
	2/2	12	18	111TP1235
	2/2	24	18	111TP1236
	2/2	12	18	112TP2141

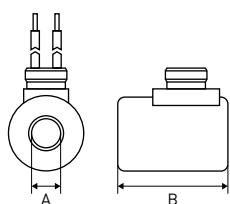
COILS & VALVES - BOBBINES & SOUPAPES - SPULEN & VENTILE

USED ON ERHEL HYDRIS

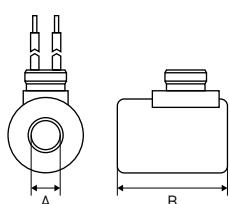


COILS

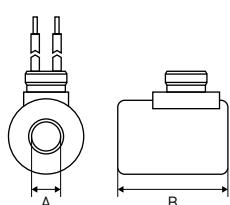
BOBINES - SPULEN



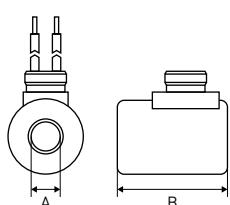
Voltage	A mm	B mm	REF
24	16	50	111TP9104



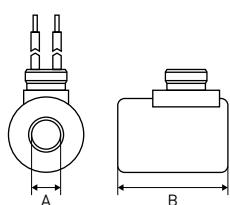
Voltage	A mm	B mm	REF
12	16	50	111TP9106



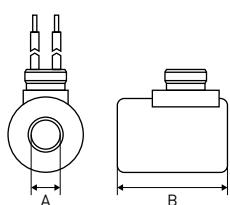
Voltage	A mm	B mm	REF
24	18	40	111TP9108



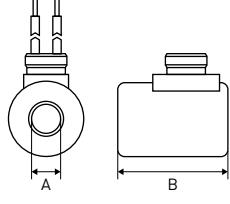
Voltage	A mm	B mm	REF
12	13	42	111TP9426



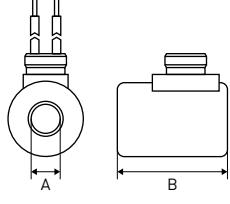
Voltage	A mm	B mm	REF
12	13	38	111TP9116



Voltage	A mm	B mm	REF
24	60	70	111TP2647



Voltage	A mm	B mm	REF
24	13	38	111TP9121



Voltage	A mm	B mm	REF
24	16,2	51	111TP9123

USED ON ERHEL HYDRIS



VALVE BLOCKS

BOÎTIERS À SOUPAPES – STEUERBLÖCKE



- Voltage: 24 V
- Thread: M20 x 150 mm
- Hole: 16

[**REF 111TP9109**](#)



- Voltage: 12 V
- Thread: M18 x 150 mm
- Hole: 13

[**REF 111TP9111**](#)



- Voltage: 24 V
- Thread: M18 x 150 mm
- Hole: 13

[**REF 111TP3225**](#)



- Voltage: 24 V
- Thread: M18 x 150 mm
- Hole: 13

[**REF 111TP3226**](#)



- Voltage: 12 V
- Thread: M20 x 150 mm
- Hole: 16

[**REF 111TP3227**](#)



- Voltage: 24 V
- Thread: M20 x 150 mm
- Hole: 16
- Kostal M27

[**REF 111TP9122**](#)



HYDEM

- Thread: M18 x 150 mm
- Dimensions: 60 x 47 x 30 mm

[**REF 111TP3228**](#)



HYDEM

- Thread: M20 x 150 mm
- Dimensions: 60 x 47 x 30 mm

[**REF 111TP9117**](#)



VALVE BLOCKS

BOÎTIERS À SOUPAPES - STEUERBLÖCKE



HYDEM

- Thread: M18 x 150 mm + 2 x 14/150 mm
- Dimensions: 50 x 50 x 30 mm

REF [111TP9120](#)



- Voltage: 24 V
- Thread: 4/2" – 7/8"
- 2 wire

REF [111TP9346](#)



- Rotation: CW >>
- CC: 1,1
- City 1001.60, City 1500.60

REF [111TP9204](#)



- Rotation: CW >>
- CC: 1,1
- Hydraulic tank: 1,7 l

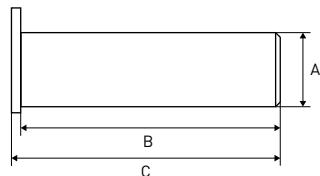
REF [111TP9205](#)

USED ON ERHEL HYDRIS

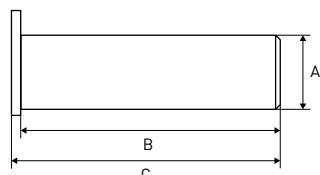


PINS

AXES - ACHSEN



A mm	B mm	REF
25	91	111TP3232
30	45	111TP9040



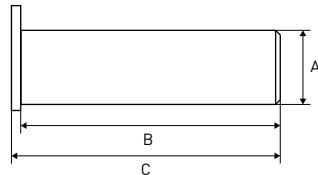
A mm	B mm	REF
20	60	111TP3229
25	90	111TP9028
25	103	111TP3230
25	110	111TP3231
30	81	111TP9026
30	95	111TP9166
30	102	111TP9021
30	170	111TP9043
30	145	111TP9041
35	72	111TP9031
35	113	111TP9030

USED ON ERHEL HYDRIS



PINS

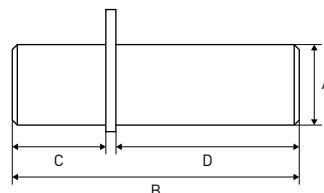
AXES - ACHSEN


HYDEM

A mm	B mm	REF
30	105	111TP3234
30	255	111TP3233
35	98	111TP3235
35	107	111TP3236
35	122	111TP3237
35	148	111TP3238
35	158	111TP3239


HYDEM

A mm	B mm	REF
20/30	335	111TP3240
25	200	111TP9018
25	350	111TP9019


HYDEM

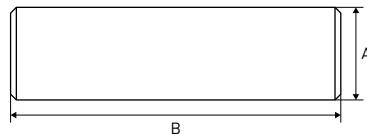
A mm	B mm	C mm	D mm	REF
20/25	116	45	67	111TP3241
20/25	130	45	80	111TP3242
28/30	160	46	105	111TP9038

USED ON ERHEL HYDRIS

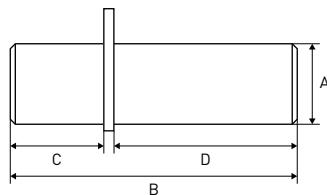


PINS

AXES - ACHSEN



A mm	B mm	REF
30	119	111TP9024



A mm	B mm	C mm	D mm	REF
35	201	66	135	111TP9017

PIN SETS

KITS D'AXES - ACHSENSETS



Light 750/500 NI NE

[REF 112TP9868](#)



94 = Classic 1504.65

[REF 112TP9869](#)



98 = Classic 1504.90

[REF 112TP9870](#)



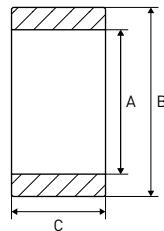
City [n° 122/123]

[REF 111TP9020](#)



PLATFORM ROLLERS

GALETS DE TRANSPALETTE – PLATTFORMROLLEN



A mm	B mm	C mm	REF
20,5	70	35/40	111TP3243
28	85	35/44	111TP9362
35	110	50	111TP9349

BUSHINGS

BAGUES – BUCHSEN



A mm	B mm	C mm	REF
20	23	20	111TP3244
20	23	25	111TP3245
25	28	20	111TP3246
25	28	30	111TP3247
30	34	20	111TP3248
30	34	25	111TP3249
30	34	30	111TP3250
30	34	40	111TP3251
35	39	30	111TP3252
35	39	50	111TP3253
40	44	30	111TP3254



A mm	B mm	C mm	REF
72	60	40	111TP9046

See chapter Universal parts on page 705 for more parts.

USED ON ERHEL HYDRIS



BUSHING SETS

KITS DE BAGUES – BUCHSENSETS



Light 500/750 NE/NI

[REF 112TP9872](#)



94 = Classic 1504.65

[REF 112TP9873](#)



G4 (Range "IV")

[REF 112TP9874](#)



City 1985->2005

[REF 111TP9045](#)



ROLL STOPS & PARTS

BUTÉES DE ROUES & ACCESSOIRES - ABROLLSICHERUNGEN & ERSATZTEILE



Length: 798 mm

REF [111TP9057](#)



Length: 920 mm

REF [111TP9058](#)



- Dimensions: 92 x 22 x 22 mm
- 2G - EA 70 mm

REF [111TP9329](#)

SPRING & GAS SPRING

RESSORTS & VÉRIN À GAZ - FEDERN & GASDRUCKFEDERN



Info	REF
Simple spring	111TP9342



Fig	Diameter mm	Info	REF
1	13	City 3G - LH	111TP9343
2	13	City 3G - RH	111TP9344

See chapter Universal parts on page 707 for more parts.



SLIDER BLOCKS, ROLLERS & WEAR PLATES

BLOCS DE DÉFILEMENT, GALETS & PLAQUES D'USURE - GLEITBLÖCKE, LAUFROLLEN & VERSCHLEISSPLATTEN



Dimensions: 210 x 50 x 55 mm

[REF 111TP9295](#)



Dimensions: 90 x 35 x 15 mm

[REF 111TP9291](#)



- Diameter: 35 mm
- Thickness: 15 mm
- For Light

[REF 111TP9318](#)

CAPS

BOUCHONS - DECKEL



Diameter: 100 mm

[REF 111TP3256](#)



Diameter: 127 mm

[REF 111TP9326](#)



Diameter: 140 mm

[REF 111TP9328](#)



Dimensions: 60 x 120 mm

[REF 111TP9327](#)

See chapter Universal parts on page 707 for more parts.

USED ON ERHEL HYDRIS



MECHANICAL PARTS - PIÈCES MÉCANIQUES - MECHANISCHE ERSTATZTEILE

PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



REF 111TP9216



For foldable

REF 111TP9335



1



2

Gamme IV - 2000 to 3000 kg

1. [REF 111TP9217](#) - LH
2. [REF 112TP9871](#) - RH



1



2

Gamme IV - 1000 to 1500 kg

1. [REF 111TP9363](#) - LH
2. [REF 111TP9333](#) - RH



Steel

REF 111TP9221



- Height: 1610 mm
- Thread: 3/4"
- 84 links

REF 111TP3257



- Height: 610 mm
- Thread: 3/4"
- 32 links

REF 111TP3258



26 links

REF 111TP9240

USED ON ERHEL HYDRIS



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



Fast link

[REF 111TP9226](#)

HYDEM



Thread: M12 x 75 mm

[REF 111TP3260](#)



For ZOOM P

[REF 111TP9330](#)



For ZOOM P 1504.65, ZOOM P 2504.90

[REF 111TP9339](#)



For ZOOM SR

[REF 111TP9340](#)



Thickness: 50 mm

[REF 111TP9360](#) – Height: 1500 mm

[REF 111TP9059](#) – Height: 1660 mm

[REF 111TP9060](#) – Height: 1770 mm

HYDEM



11 teeth

[REF 112TP6198](#)



17 teeth

[REF 111TP9341](#)

See chapter Universal parts on page 708 for more parts.

MECHANICAL PARTS - PIÈCES MÉCANIQUES - MECHANISCHE ERSTATZTEILE



JOYSTICKS

LEVIER DE COMMANDE - JOYSTICKS



Mafelec

[REF 111TP9213](#)



- 4 x 2 NC
- Mafelec

[REF 111TP3263](#)



- 4 x 2 NC + 2 x 2 NC
- Mafelec

[REF 111TP9214](#)



2 x 2 NC

[REF 112TP6537](#)

USED ON ERHEL HYDRIS



ROTARY/PUSH SWITCHES & PARTS

INTERRUPEURS ROTATIFS/POUSSOIRS & ACCESSOIRES - DREH-/DRUCKSCHALTER & ERSATZTEILE



- Dimensions: ± 66,5 x 47,5 mm
- 3 pos. 1 x 2 NC

[REF 111TP3264](#)



- Dimensions: ± 66 x 29 x 47 mm
- 3 pos. 1 x 2 NC

[REF 111TP9323](#)



- Dimensions: ± 67 x 48 mm
- 3 pos. 1 x 2 NO

[REF 111TP3265](#)



- Diameter: 30 mm
- Dimensions: ± 53 x 50 mm
- 1 x 2 NO

[REF 111TP3266](#)



- Diameter: 30 mm
- 1 x 1 NO
- 1 x 1 NC

[REF 111TP9319](#)

USED ON ERHEL HYDRIS



BATTERY/EMERGENCY SWITCHES & PARTS

COUPE BATTERIE/INTERRUPEURS D'ARRÊT D'URGENCE & ACCESSOIRES - BATTERIE-/NOTSTOPPSCHALTER & ERSATZTEILE



Amperage: 150/1000 A (5 sec)

[REF 111TP9301](#)



- Amperage: 100 A
- M10

[REF 111TP3267](#)



2-in-1

[REF 111TP3268](#)



2-in-1

[REF 111TP8090](#)

SENSORS & SWITCHES

CAPTEURS & INTERRUPEURS - SENSOREN & SCHALTER



Length: 2700 mm

[REF 111TP9317](#)

CONTROL BOXES & PARTS

BOÎTIERS DE CONTRÔLE & ACCESSOIRES - BEDIENKÄSTEN & ERSATZTEILE



- Type: steel
- Dimensions: 440 x 120 x 160 mm

[REF 111TP3269](#)



- Type: plastic
- Dimensions: 310 x 140 x 180 mm

[REF 111TP9299](#)

USED ON ERHEL HYDRIS



CONTROLLERS

COMMANDES - BEDIENUNGEN



Operate your tail lift with our high-quality hand controls available in 2- or 3-button configurations.

Your benefits:

- Maximum comfort, high productivity
- Unique ergonomic design
- Easy push system
- With magnet and ring for easy handling
- Rubber shock absorber
- Usable in cold and wet environments

Applications:

Tail lifts, winches, cranes to name a few

Specifications:

- Protection (IP): IP44 according to EN 60 529
- Contact type: Mafelec (push button)
- Max amperage: 10 A
- Operating temperature: -25 °C up to 60 °C
- Material: ABS plastic with rubber buffer
- Cable: polyurethane 3,5 metres working length

Available colours:

Orange, yellow, green, red and blue

Available in different colours and in 2- or 3-button configurations.

Ask for your quantity discount. All models are equipped with Mafelec switches.

2-button hand controls with cable and connector

Make	Colour	REF
Erhel Hydris	Red	111TP5194
Erhel Hydris City	Red	111TP5195

3-button hand controls with cable and connector

Make	Colour	REF
Erhel Hydris	Red	111TP5207

2-button hand controls without cable

Colour	REF
Orange	111TP5214
Blue	111TP5215
Red	111TP5216
Yellow	111TP5217
Green	111TP5218

3-button hand controls without cable

Colour	REF
Orange	111TP5219
Blue	111TP5220
Yellow	111TP5221
Red	111TP5222
Green	111TP5223



USED ON ERHEL HYDRIS

CONTROLLERS

COMMANDES - BEDIENUNGEN



2 x NO

[REF 111TP8092](#)



1 x NO + 1 x NC

[REF 111TP8093](#)



Galvanized steel

[REF 111TP9336](#)



Support CAD

[REF 112TP6182](#)

See chapter Universal parts on page 712 for more parts.

FOOT CONTROLLERS & PARTS

COMMANDES AU PIED & ACCESSOIRES - FUSSSCHALTER & ERSATZTEILE



- Colour: black
- Neutral position

[REF 111TP9300](#)



- Colour: blue
- Mounted cycle

[REF 112TP2165](#)



- Colour: blue
- Downhill cycle

[REF 112TP2166](#)



BATTERY CABLES

CÂBLES DE BATTERIE - BATTERIEKABEL



- Wire size: 35 mm²
- Black
- Sold per metre

REF [111TP9044](#)

See chapter Universal parts on page 717 for more parts.

KOSTAL CABLES

CÂBLES KOSTAL - KOSTALKABEL



- Length: 4000 mm
- Thread: M24 x 1 mm/M27 x 1 mm

REF [111TP3272](#)



- Length: 3600 mm
- Wire size: 2 x 1 mm²

REF [111TP3275](#)

SPIRAL CABLES

CÂBLES SPIRALÉS - SPIRALKABEL



Diameter mm	Length mm	Wire size mm ²	REF
22/35	3500	5 x 1	111TP9080

See chapter Universal parts on page 718 for more parts.



CONNECTORS & PARTS

CONNECTEURS & ACCESSOIRES - STECKER & ERSATZTEILE



- Amperage: 160 A
- Wire size: 35 mm²
- SBE160

[**REF 111TP9282**](#)



- Amperage: 250 A
- For wire sizes: 35, 40 and 50 mm²

[**REF 111TP3276**](#)



- Amperage: 250 A
- For wire sizes: 35, 40 and 50 mm²

[**REF 111TP3277**](#)



- Amperage: 150 A
- Length: 3500 mm
- Wire size: 40 mm²

[**REF 111TP9837**](#)



- Amperage: 150 A
- Length: 3500 mm
- Wire size: 40 mm²

[**REF 112TP9875**](#)



- Amperage: 250 A
- Length: 3500 mm
- Wire size: 40 mm²

[**REF 111TP9838**](#)



- 7-pole
- DIN 72577
- ISO 1724
- Metal

[**REF 111TP3278**](#)



- 7-pole
- DIN 72577
- ISO 1724
- Metal

[**REF 111TP3279**](#)



CONNECTORS & PARTS

CONNECTEURS & ACCESSOIRES – STECKER & ERSATZTEILE



- 7-pole
- DIN 72577
- ISO 1724
- Plastic

REF [111TP9427](#)



- 7-pole
- DIN 72577
- ISO 1724
- Plastic

REF [111TP9223](#)



Hirschmann (GSA)

REF [111TP3280](#)



Diameter: 35 mm

REF [111TP9242](#)

See chapter Universal parts on page 719 for more parts.



FLASHER LIGHTS & PARTS

LAMPES TORCHES & ACCESSOIRES – BLINKLEUCHTEN & ERSATZTEILE



- Voltage: 12/24 V
- Dimensions: 85 x 27 x 25 mm

[REF 111TP9244](#)



- Length: 50 mm
- Ø 20 x Ø 16 mm

[REF 111TP9245](#)



Voltage: 12/24 V

[REF 111TP9254](#)



- Built-in LED platform light
- Wireless fire with 6 leds (3 on 2 sides)
- Protective shell made of zamak
- IP68

[REF 112TP9833](#)

See chapter Universal parts on page 725 for more parts.

PRINTED CIRCUIT BOARDS/CONTROLLERS

CIRCUITS IMPRIMÉS/COMMANDES – LEITERPLATTEN/BEDIENUNGEN



- Voltage: 12/24 V
- Dimensions: 170 x 97 x 23 mm
- SX-X1A

[REF 111TP3283](#)



- Voltage: 24 V
- Dimensions: 128 x 85 x 25 mm
- ATS (IAS) 1G

[REF 111TP9285](#)



- Voltage: 24 V
- Dimensions: 188 x 126 x 33 mm
- ATS (IAS) except for Gamme IV

[REF 111TP9286](#)



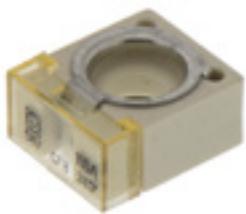
- Voltage: 12 V
- Dimensions: 128 x 85 x 25 mm
- ATS (IAS) 1G

[REF 111TP9287](#)



FUSES

FUSIBLES – SICHERUNGEN



DIN 72581/5

- REF 111TP3284** – Amperage: 100 A
REF 111TP3285 – Amperage: 200 A
REF 111TP3286 – Amperage: 300 A



DIN 43560/1

- REF 111TP3287** – Amperage: 100 A
REF 111TP3288 – Amperage: 200 A
REF 111TP9151 – Amperage: 400 A



Amperage: 15 A

- REF 111TP9152** – Diameter: 5 mm, length: 20 mm
REF 111TP9156 – Diameter: 6,5 mm, length: 32 mm



- REF 111TP3289** – Amperage: 100 A
REF 111TP9158 – Amperage: 200 A
REF 111TP9879 – Amperage: 250 A
REF 112TP2687 – Amperage: 300 A



- Amperage: 15 A
- DIN 72581/med
- Dimensions: 19 x 20 mm

REF 111TP3137

See chapter Universal parts on page 728 for more parts.



FUSE HOLDERS & PARTS

PORTE-FUSIBLES & ACCESSOIRES – SICHERUNGSHALTER & ERSATZTEILE



HYDEM

Amperage: 200 A

REF 111TP9147



HYDEM

Amperage: 100 A

REF 111TP9150



- Amperage: 20 A max
- DIN 72581/med

REF 111TP3290



Length: 58,7 mm

REF 111TP9148

See chapter Universal parts on page 732 for more parts.

USED ON ERHEL HYDRIS



DECALS

AUTOCOLLANTS - AUFKLEBER

HYDEM



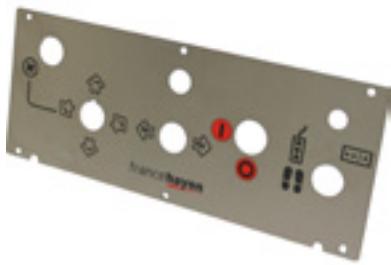
Length: 2100 mm

REF [111TP9079](#)



Dimensions: 405 x 105 mm

REF [111TP9236](#)



Dimensions: 300 x 120 mm

REF [111TP9237](#)

See chapter Universal parts on page 735 for more parts.



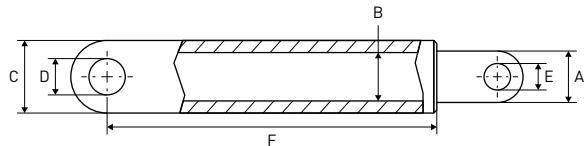


USED ON
**MBB PALFINGER/
PALGATE/INTERLIFT**



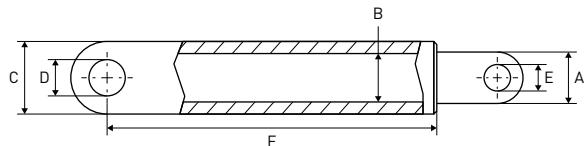
LIFT CYLINDERS

VÉRINS DE LEVAGE - HUBZYLINDER



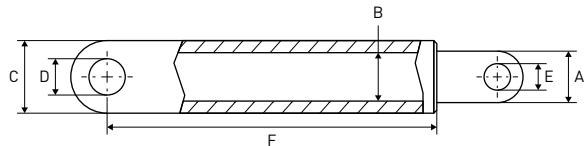
500K/750K/750KSP/750KUZ/750KUZF/1000AQ/1000KL

A mm	B mm	C mm	D mm	E mm	F mm	REF
						Cylinder Seal kit
45	50	60	25	25	350	111TP3341 111TP9479



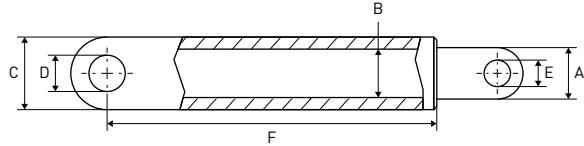
1000K/1000KF/1000KUZ/1000KUZF/1500KF/1500KL/
1500KLUZ/1500KLUZF

A mm	B mm	C mm	D mm	E mm	F mm	REF
						Cylinder Seal kit
55	60	75	28	28	498	111TP3342 111TP3386
55	60	75	28	28	565	111TP9369 111TP3386



500K/2000K-700/2000KK-700/1500KUZ-700/1500KUZF-
700/2000KUZ-700/2000KUZF-700/2000KUZK-700

A mm	B mm	C mm	D mm	E mm	F mm	REF
						Cylinder Seal kit
70	75	90	36	36	390	111TP3343 111TP3390



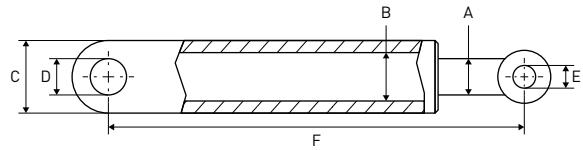
1500K/1500KUZ/1500KUZF/2000K/2000KK/2000KUZ/
2000KUZF/2000KUZF

A mm	B mm	C mm	D mm	E mm	F mm	REF
						Cylinder Seal kit
70	75	90	36	36	572	111TP3344 111TP3390
70	75	90	36	36	630	111TP9370 111TP9372



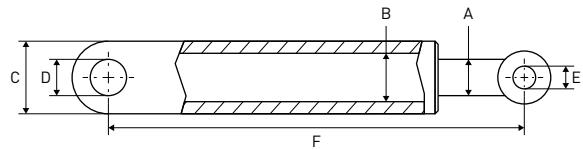
LIFT CYLINDERS

VÉRINS DE LEVAGE – HUBZYLINDER



PBS 1010

A mm	B mm	C mm	D mm	E mm	F mm	REF Cylinder
60	70	80	35	30	410	111TP3345



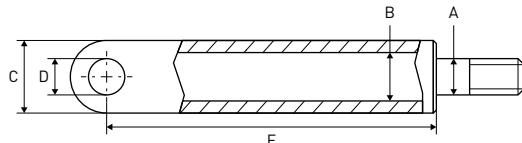
PBS 500/750/1000/1500

A mm	B mm	C mm	D mm	E mm	F mm	REF
						Cylinder Seal kit
50	55	65	30	30	410	111TP3346 111TP9368
50	55	65	30	30	550	111TP5148 111TP9368



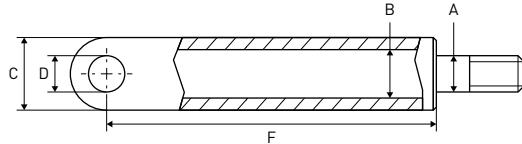
TILT CYLINDERS

VÉRIN D'INCLINAISON - SCHLIESZYLINDER



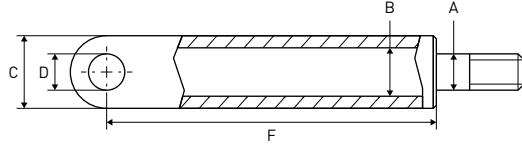
500K/750K/750KSP/750KUZ/750KUZF/1000AQ/1000KL

A mm	B mm	C mm	D mm	E mm	F mm	REF	
						Cylinder	Seal kit
32	55	65	25	M30 x 2	425	111TP3347	111TP9480



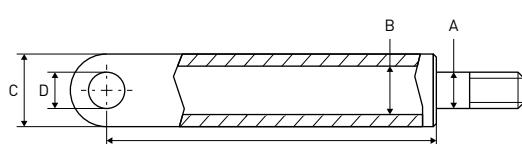
1000K/1000KF/1000KUZ/1000KUZF/1500KF/1500KL/
1500KLUZ/1500KLUZF

A mm	B mm	C mm	D mm	E mm	F mm	REF	
						Cylinder	Seal kit
40	70	80	28	M38 x 2	500	111TP3348	111TP9481



1500K/1500KUZ/1500KUZF/2000K/2000KK/2000KUZ/
2000KUZF/2000KUZK

A mm	B mm	C mm	D mm	E mm	F mm	REF	
						Cylinder	Seal kit
45	80	95	36	M44 x 2	495	111TP3349	111TP3384



PBS 500/750/1000/1500

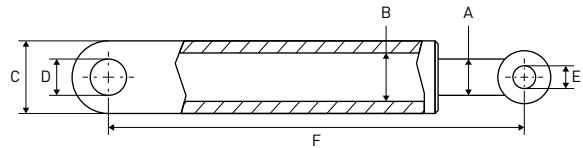
A mm	B mm	C mm	D mm	E mm	F mm	REF	
						Cylinder	Seal kit
45	70	82	30	M36 - Ø 45	545	111TP3350	111TP9367

USED ON MBB PALFINGER/PALGATE/INTERLIFT



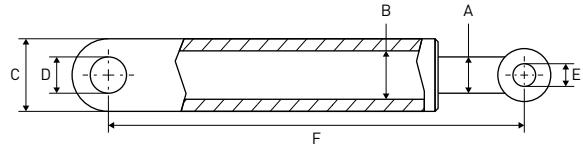
TILT CYLINDERS

VÉRIN D'INCLINAISON – SCHLIESZYLINDER



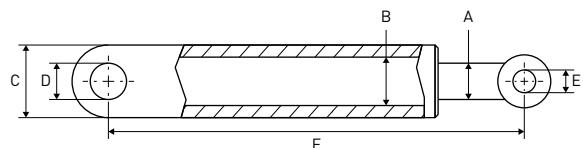
500K/750K/750KSP/750KUZ/750KUZH/1000AQ/1000KL

A mm	B mm	C mm	D mm	E mm	F mm	Length mm	REF	
							Cylinder	Seal kit
32	55	65	25	25	565	600	111TP3351	111TP9480
32	55	65	25	25	665	700	111TP3352	111TP9480
32	55	65	25	25	765	800	111TP3353	111TP9480



1000K/1000KF/1000KUZ/1000KUZF/1500KF/1500KL/
1500KLUZ/1500KLUZF

A mm	B mm	C mm	D mm	E mm	F mm	Length mm	REF	
							Cylinder	Seal kit
40	70	80	28	28	665	700	111TP3354	111TP9481
40	70	80	28	28	765	800	111TP3355	111TP9481
40	70	80	28	28	865	900	111TP3356	111TP9481

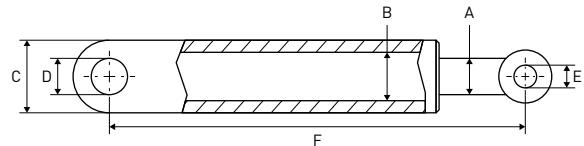


1500K/1500KUZ/1500KUZF/2000K/2000KK/2000KUZ/
2000KUZF/2000KUZK

A mm	B mm	C mm	D mm	E mm	F mm	Length mm	REF	
							Cylinder	Seal kit
45	80	95	36	36	653	700	111TP3357	111TP3384
45	80	95	36	36	753	800	111TP3358	111TP3384
45	80	95	36	36	853	900	111TP3359	111TP3384
45	80	95	36	36	953	1000	111TP3360	111TP3384
45	80	95	36	36	993	1040	111TP8433	111TP3384
45	80	95	36	36	1053	1100	111TP3361	111TP3384

**FOLD CYLINDERS**

VÉRINS DE REPLIAGE - FALTZYLINDER

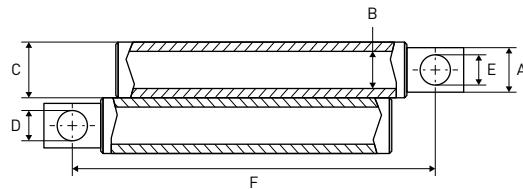


2000KUZF

A mm	B mm	C mm	D mm	E mm	F mm	REF
					Cylinder	Seal kit
30	40	45	20	20	360	111TP3364 111TP9377

RETRACTION CYLINDERS

VÉRINS DE RÉTRACTION - ZEICHZYLINDER



1000KUZF/1500KUZF/2000HUZF

A mm	B mm	C mm	D mm	E mm	F mm	Length mm	REF
					Cylinder	Seal kit	
30	50	60	15	15	820	2 x 500	111TP5015 111TP9482
30	50	60	15	15	820	2 x 600	111TP3362 111TP9482
30	50	60	15	15	920	2 x 700	111TP3363 111TP9482

PRESSURE EXCHANGERS

ÉCHANGUEURS DE PRESSION - DRUCKÜBERSETZER



Diameter mm	Length mm	REF	
		Cylinder	Seal kit
50/70	180	111TP8212 111TP8435	



HYDRAULIC LOCK

VERROU HYDRAULIQUE – HYDRAULISCHE VERRIEGELUNG



- Diameter: 25/45 mm
- Thread: M45 x 1,5 mm

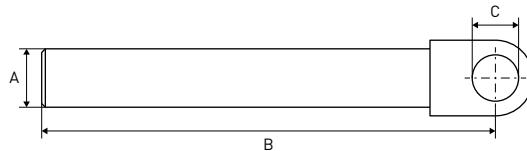
REF [111TP9371](#)



PISTON RODS

TIGES DE PISTON - KOLBENSTANGEN

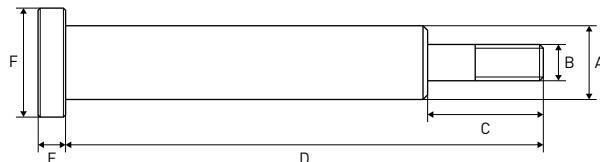
HYDEM



1

2

Fig	A mm	B mm	C mm	Used on	REF
1	45	350	25	REF 111TP3341	111TP3365
2	55	450	28	REF 111TP3342	111TP3366
1	70	390	36	REF 111TP3343	111TP3367
1	70	460	36	REF 111TP5016	111TP3368
1	70	505	36	REF 111TP3344	111TP3369



A mm	B mm	C mm	D mm	E mm	F mm	REF
32	M30 x 2	50	330	38	55	111TP3370
40	M38 x 2	70	370	48	70	111TP8434
45	M44 x 2	80	420	48	80	111TP3371

NUTS

ÉCROUS - MUTTERN



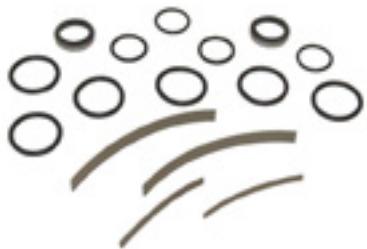
Thread	REF
M30	111TP3372
M38	111TP3373
M44	111TP3374

Thread	REF
M45	112TP2565



SEAL KITS

KITS DE JOINTS – DICHTUNGSSÄTZE



Diameter: 30/50 mm

[REF 111TP3375](#)



Diameter: 30/55 mm

[REF 112TP6016](#)



- Diameter: 32/55 mm
- Type 2

[REF 111TP3378](#)



- Diameter: 40/70 mm
- Type 2

[REF 111TP3380](#)



Diameter: 30/50 mm

[REF 111TP3376](#)



Diameter: 32/55 mm

[REF 111TP3377](#)



- Diameter: 40/70 mm
- Type 1

[REF 111TP3379](#)



Diameter: 45/55 mm

[REF 111TP3381](#)



SEAL KITS

KITS DE JOINTS - DICHTUNGSSÄTZE



- Diameter: 45/55 mm
- Type 2

[REF 111TP3382](#)



Diameter: 45/80 mm

[REF 111TP3384](#)



Diameter: 55 mm

[REF 112TP3825](#)



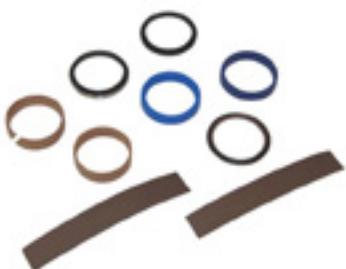
- Diameter: 55/65 mm
- Minifix

[REF 111TP3387](#)



Diameter: 45/70 mm

[REF 111TP3383](#)



Diameter: 50/60 mm

[REF 111TP3385](#)

HYDEM



- Diameter: 55/65 mm
- HYDEM version, kit for HYDEM + OEM

[REF 111TP3386](#)



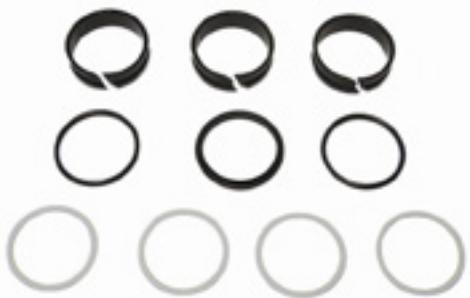
- Diameter: 55/65 mm
- Type 2

[REF 111TP3388](#)



SEAL KITS

KITS DE JOINTS – DICHTUNGSSÄTZE



Diameter: 63 mm

[REF 111TP3389](#)



- Diameter: 70/80 mm
- HYDEM version, kit for HYDEM + OEM

[REF 111TP9372](#)



Diameter: 50/63 mm

[REF 111TP8435](#)



Diameter: 60/70 mm

[REF 111TP8437](#)



Diameter: 70/80 mm

[REF 111TP3390](#)



Diameter: 75/85 mm

[REF 111TP3391](#)



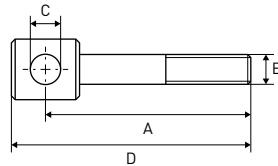
Diameter: 65/70 mm

[REF 111TP8436](#)



ROD ENDS

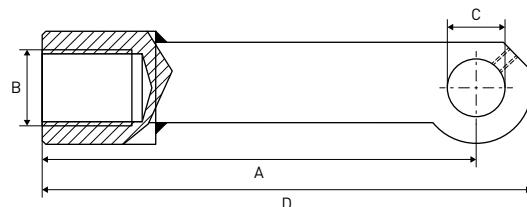
ROTULES – GELENKKÖPFE



A mm	B mm	C mm	D mm	REF
125	M36	30	155	111TP3403
190	M36	30	219	111TP3404
305	M36	30	336	111TP3405

EXTENSIONS

RALLONGES – VERLÄNGERUNG

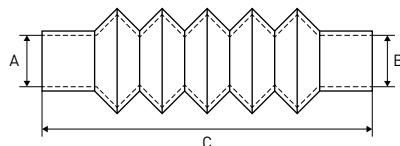


A mm	B mm	C mm	D mm	Height mm	REF
106	M30	25	136	600	111TP3392
205	M30	25	240	700	111TP3393
300	M30	25	334	800	111TP3394
122	M38	28	162	700	111TP3395
220	M38	28	260	800	111TP3396
324	M38	28	362	900	111TP3397
125	M44	36	170	700	111TP3398
225	M44	36	270	800	111TP3399
323	M44	36	369	900	111TP3400
425	M44	36	470	1000	111TP3401
462	M44	36	505	1040	111TP8438
522	M44	36	570	1100	111TP3402

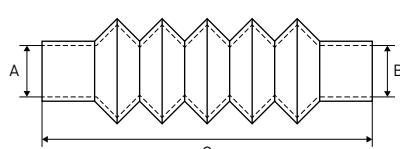


DUST COVERS

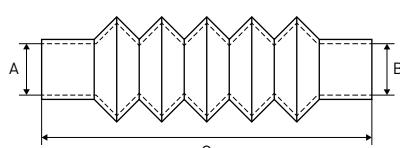
CACHE-POUSSIÈRE – STAUBKAPPE



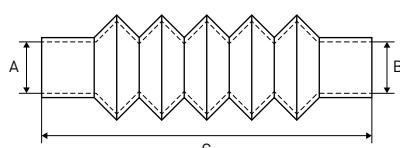
Diameter		Length	REF	
A mm	B mm	Min – C – max mm	Cover	Clamp
50	60	85 – 180 – 280	111TP8439	111TP4999



Diameter		Length	REF	
A mm	B mm	Min – C – max mm	Cover	Clamp
65	45	165 – 195	111TP8440	111TP4999



Diameter		Length	REF		
A mm	B mm	Min – C – max mm	Cover	Clamp 1	Clamp 2
50	70	120 – 310 – 500	111TP3406	111TP4916	111TP4918

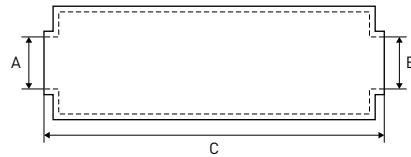


Diameter		Length	REF		
A mm	B mm	Min – C – max mm	Cover	Clamp 1	Clamp 2
75	60	110 – 250 – 450	111TP3407	111TP5005	111TP5005

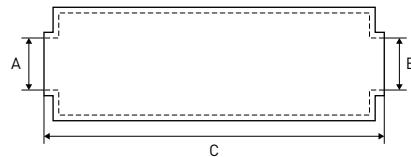


PROTECTIVE COVERS

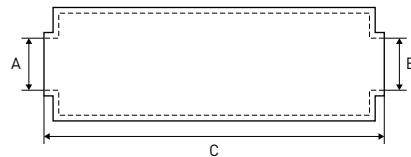
HOUSSES DE PROTECTION - SCHUTZROHRE



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
45	60	265	111TP3408	111TP4999
45	70	270	112TP5472	111TP4999



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
45	65	315	111TP8441	111TP4999



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
50	70	455	111TP8442	111TP4999

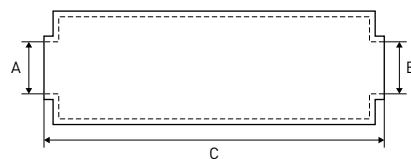


Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
45	85	320	111TP3409	111TP4916

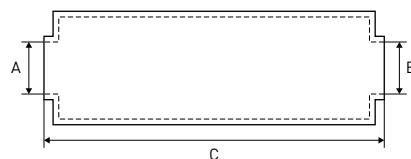


PROTECTIVE COVERS

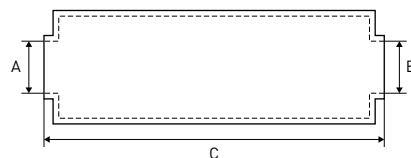
HOUSSES DE PROTECTION – SCHUTZROHRE



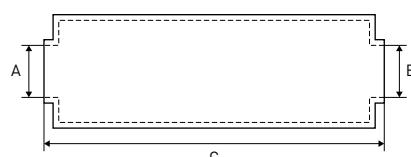
Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
55	80	320	111TP3410	111TP4999



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
53	85	345	111TP9373	111TP4999



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
60	93	265	111TP3411	111TP5003



Diameter		Length	REF	
A mm	B mm	C mm	Cover	Clamp
65	105	360	111TP3412	111TP5003



GUIDE RINGS

BAGUES DE GUIDAGE - FÜHRUNGSRinge



Diameter mm	Height mm	REF
70/78	21	111TP3413
55/63,8	21	112TP3833
45/52	15	112TP3835

**O-RINGS**

JOINTS TORIQUES - O-RINGE



Diameter mm	Info	REF
8 x 2		111TP3414
9,25 x 1,78		111TP3415
12,5 x 1,5		111TP3416
14 x 1,5		111TP3417
14 x 1,7		111TP3418
15,6 x 1,78		111TP3419
24 x 4		111TP3420
27 x 4		111TP3421
28 x 3		111TP3422
28 x 4		111TP3423
30 x 4		111TP3424
30,2 x 3		111TP3425
32 x 3		111TP3426
32 x 4		111TP3427
36 x 3		111TP3428
36 x 4		111TP3429
40 x 5	70°	111TP3430
45 x 4	70°	111TP3431
45 x 5		111TP3432
55 x 5		111TP3433
60 x 3		111TP3434
60 x 5	70°	111TP3435
64 x 3		111TP3436
108 x 3		111TP3437
110,72 x 3,53	70°	111TP3438
112 x 3		111TP3439
215 x 5		111TP3440

See chapter Universal parts on page 694 for more parts.



COVERS

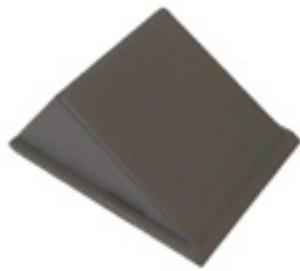
COUVERCLES - ABDECKUNGEN



Length mm	Height mm	Width mm	REF
490	140	345	111TP3441



Length mm	Height mm	Width mm	REF
456	195	425	111TP8218



Length mm	Height mm	Width mm	REF
300	165	255	111TP3443



Length mm	Height mm	Width mm	REF
315	130	272	111TP8444



Length mm	Width mm	Info	REF
540	210	2000 KUZK	111TP3442

CASES

BOÎTIERS - GEHÄUSE



Length mm	Height mm	Width mm	Thread	Info	REF
530	200	205	2 x M8	1999-...	111TP3444



TANKS & OIL RESERVOIRS

RÉSERVOIRS (D'HUILE) - TANKS & ÖLBEHÄLTER



Length mm	Height mm	Width mm	REF
245	147	150	111TP3445



Length mm	Height mm	Width mm	Diameter mm	REF
230	140	190	109	111TP3447



Length mm	Width mm	Diameter mm	Volume l	REF
250	245	110	6,8	111TP3452



Length mm	Diameter mm	Volume l	REF
450	80	2,5	111TP3446



Length mm	Diameter mm	REF
650	110	111TP3449



Length mm	Diameter mm	REF
660	120	111TP3450



Length mm	Diameter mm	REF
280	130	111TP3451



Length mm	Diameter mm	REF
330	110	111TP3448



TANKS & OIL RESERVOIRS

RÉSERVOIRS (D'HUILE) - TANKS & ÖLBEHÄLTER



Length mm	Height mm	Width mm	Diameter mm	REF
230	165	190	110	111TP8446



Length mm	Height mm	Width mm	REF
300	160	300	111TP5377



Diameter clamp mm	O-ring mm	REF
115	110 x 3,5	111TP8447

FILTERS & BREATHERS

FILTRES & RENIFLARDS - FILTER & ENTLÜFTER



- Diameter: 50 mm
- Height: 23 mm

[REF 111TP3453](#)



- Diameter: 53 mm
- Height: 38 mm

[REF 111TP3454](#)



- Diameter: 26,5 mm
- Length: 102 mm

[REF 111TP3455](#)



- Diameter: 80 mm
- Height: 34,5 mm
- Thread: M16 x 1,5 mm

[REF 111TP8448](#)



LOCKS

SERRURES - VERRIEGELUNGEN



Length: 68 mm

[REF 111TP3456](#)

GASKETS

JOINTS - DICHTUNGEN



- Diameter: 82 mm
- Length: 100 mm
- Width: 100 mm

[REF 111TP3457](#)

SUCTION TUBES

TUBES D'ASPIRATION - SAUGROHRE

HYDEM



- Diameter: 26,5 mm
- Length: 33,5 mm
- HE6000

[REF 111TP3458](#)



ELECTRIC MOTORS

MOTEURS ÉLECTRIQUES - ELEKTROMOTOREN



Voltage	kW	Rotation	REF
24	2,0	CW >>	111TP3460



Voltage	kW	Rotation	REF
12	0,8	<< CCW	111TP9843



Voltage	kW	Rotation	REF
12	1,5	CW >>	111TP8129
24	2,0	CW >>	111TP3462



Voltage	kW	Rotation	REF
24	3,0	CW >>	111TP3463



Voltage	kW	Rotation	REF
24	3,0	CW >>	111TP3464



Voltage	kW	Rotation	REF
12	1,2	CW >>	111TP8449
24	1,2	CW >>	111TP3465



Voltage	kW	Rotation	REF
12	2,0	CW >>	111TP3466
24	2,0	CW >>	111TP3467



Voltage	kW	Rotation	REF
12	1,7	CW >>	111TP3468
24	2,0	CW >>	111TP3469



ELECTRIC MOTORS

MOTEURS ÉLECTRIQUES - ELEKTROMOTOREN



Voltage	kW	Rotation	REF
12	0,8	CW >>	111TP3470
24	0,8	CW >>	111TP3471



Voltage	kW	Rotation	REF
12	0,8	<< CCW	111TP3472
24	1,2	<< CCW	111TP3473



Voltage	kW	Rotation	REF
24	1,5		112TP9961
24	2,0	CW >>	111TP8450



Voltage	kW	Rotation	REF
24	2,2	<< CCW	111TP8451



Voltage	kW	Rotation	REF
12	1,5	CW >>	111TP8452



Voltage	kW	Rotation	REF
12	2,0	<< CCW	111TP8453
24	2,0	<< CCW	111TP9092



HYDEM version, universal for Dhollandia, Erhel Hydris,
MBB Palfinger, Zepro

Voltage	kW	Rotation	REF
12	1,5	CW >>	111TP9100
24	2,0	CW >>	111TP9094



Voltage	kW	Rotation	REF
12	1,1	<< CCW	111TP9097

See chapter Universal parts on page 735 for more parts.



HYDRAULIC PUMPS

POMPES HYDRAULIQUES – HYDRAULIKPUMPEN



CC	Rotation	REF
1,2	<< CCW	111TP3474
2,0	<< CCW	111TP3475
2,5	<< CCW	111TP3476



CC	Rotation	REF
1,1	<< CCW	111TP3477
2	<< CCW	111TP3478
3,3	<< CCW	111TP3479



CC	Rotation	REF
1,2	CW >>	111TP3480



CC	Rotation	REF
0,75	<< CCW	111TP3481



CC	Rotation	REF
2,0	<< CCW	111TP3482



CC	Rotation	REF
1,0	CW >>	111TP3483



CC	Rotation	REF
1,2	<< CCW	111TP3484



CC	Rotation	REF
0,8	CW >>	112TP9804
1,1	CW >>	111TP9885



HYDRAULIC PUMPS

POMPES HYDRAULIQUES – HYDRAULIKPUMPEN



CC	Rotation	REF
3,0	<< CCW	112TP9805



CC	REF
3,2	112TP6511



CC	REF
2,6	112TP6124

See chapter Universal parts on page 699 for more parts.

HYDRAULIC MOTORS

MOTEUR HYDRAULIQUES – HYDRAULIKMOTOR



MP 160C

REF [112TP6131](#)

**SOLENOID SWITCHES/CONTACTORS**

SOLÉNOÏDES/CONTACTEURS - MAGNETSCHALTER/SCHÜTZE

	Amperage	Info	REF	
			12 V	24 V
	80		111TP8454	
	100		111TP3485	111TP3486
	100		111TP9425	
	150	350 A (5 sec)	111TP3492	111TP3487
	150		111TP3488	111TP3489



SOLENOID SWITCHES/CONTACTORS

SOLÉNOÏDES/CONTACTEURS – MAGNETSCHALTER/SCHÜTZE

	Amperage	Info	REF	
			12 V	24 V
	150		112TP9806	112TP9807
	100		111TP3490	111TP3491
	180		111TP8455	
	100		111TP8456	
	225		112TP7231	

See chapter Universal parts on page 701 for more parts.



COUPLERS

COUPLEURS - KUPPLUNGEN



Diameter mm	Height mm	REF
20	12	111TP3493



Diameter mm	Height mm	REF
15	37	111TP3494



Diameter mm	Height mm	REF
18	48	111TP3495



Diameter mm	Height mm	REF
18	22	111TP3496



Diameter mm	Height mm	REF
21	42	111TP8457



Diameter mm	Height mm	REF
22	13	111TP3497

See chapter Universal parts on page 702 for more parts.



BRUSHES

BALAIS - KOHLEBÜRSTEN



- Voltage: 24 V
- Dimensions: 15,8 x 8,9 x 15,8 mm

[REF 111TP3498](#)



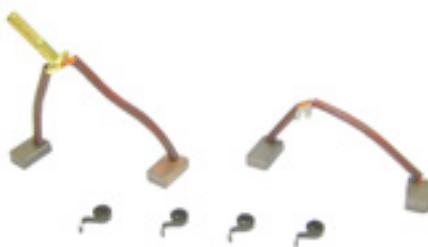
Dimensions: 24,8 x 9,9 x 22,9 mm

[REF 111TP3499](#)



Dimensions: 13 x 9 x 25 mm

[REF 111TP3500](#)



- Voltage: 24 V
- Dimensions: 12,5 x 7,3 x 19,2 mm

[REF 111TP3501](#)

BRUSH ROCKERS

COLLIERS PORTE-BALAIS - KOHLENHALTER



- Diameter: 79 mm
- Dimensions: 11,7 x 5,9 x 11,3 mm

[REF 111TP3502](#)



Diameter: 105 mm

[REF 111TP3503](#)

**BEARINGS**

ROULEMENTS - LAGER



Diameter mm	Height mm	REF
12/16	10	111TP3504



Diameter mm	Height mm	REF
12/32	10	111TP3505



Diameter mm	Height mm	Info	REF
12/32	10		111TP3506
12/32	10	C3	111TP3507
15/35	10		111TP3508
17/35	10		111TP3509
20/42	10		111TP3510



Diameter mm	Height mm	REF
40/95	20	111TP9388



Diameter mm	Height mm	REF
40/88	20	111TP9389

See chapter Universal parts on page 735 for more parts.

**BACK BEARING COVERS**

COUVERCLES DE ROULEMENT ARRIÈRE – LAGERDECKEL HINTEN



Diameter: 125 mm

REF [111TP3511](#)**CLAMPS**

PINCES – KLAMMERN



Length mm	REF
± 900	111TP9388

Diameter mm	Height mm	REF
125	16	111TP9388

See chapter Universal parts on page 704 for more parts.

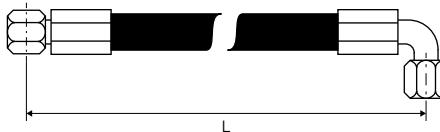


HOSES

TUYAUX – SCHLÄUCHE



Hose diameter		Length mm	Fitting 1 mm	Fitting 2 mm	Info	REF
Inch	mm					
13/64	2	380	M12 x 1,5	M12 x 1,5	-40-100 °C	111TP3523
13/64	2	620	M12 x 1,5	M12 x 1,5	-40-100 °C	111TP3524
5/16	4	2080	M12 x 1,5	M12 x 1,5	-40-100 °C	111TP3525
1/4	6,4	630	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP3513
1/4	6,4	700	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP3514
1/4	6,4	850	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP3515
1/4	6,4	1400	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP3516
1/4	6,4	1525	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP3517
1/4	6,4	1650	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP3518
1/4	6,4	2000	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP3519
1/4	6,4	2200	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP3520
1/4	6,4	2400	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP3521
1/4	6,4	3000	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP3522



Hose diameter		Length mm	Fitting 1 inch	Fitting 2 mm	Info	REF
Inch	mm					
1/4	6,4	2000	BC90K - 1/4" BSP	MSFO – M16 x 1,5	-40-100 °C	111TP3526



Hose diameter		Length mm	Fitting 1 mm	Fitting 2 mm	Info	REF
Inch	mm					
1/4	6,4	750	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP3527



HOSES

TUYAUX - SCHLÄUCHE



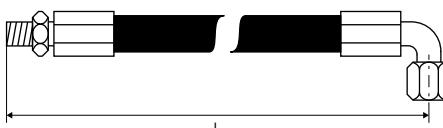
Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	mm	mm		
1/4	6,4	850	M16 x 1,5	M16 x 1,5	-40–100 °C	111TP3528



Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	mm	mm		
1/4	6,4	850	M16 x 1,5	M16 x 1,5	-40–100 °C	111TP3529



Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	mm	mm		
1/4	6,4	600	10	10	-40–100 °C	111TP3530



Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	mm	mm		
1/4	6,4	2000	M16 x 1,5	M16 x 1,5	-40–100 °C	111TP3531

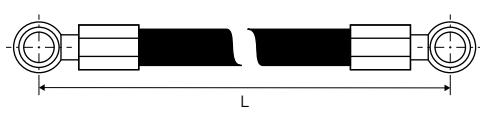


HOSES

TUYAUX – SCHLÄUCHE



Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	mm	mm		
1/4	6,4	600	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP3532
1/4	6,4	1000	M16 x 1,5	M16 x 1,5	-40-100 °C	111TP3533

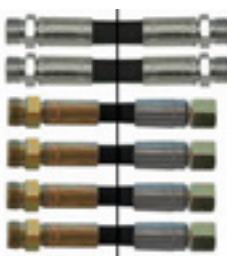


Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	mm	mm		
1/4	6,4	600	M16 x 1,5	M16 x 1,5	-40-100 °C	112TP6230
1/4	6,4	680	M16 x 1,5	M16 x 1,5	-40-100 °C	112TP9351
1/4	6,4	740	M16 x 1,5	M16 x 1,5	-40-100 °C	112TP9349

HOSE SETS

KITS DE TUYAUX – SCHLAUCHSETS

HYDEM



- Diameter: 1/4"
- Length: 6 x 850 mm
- Thread: M16 x 1,5 mm
- Kit

[REF 111TP3534](#)



- Amperage: 2 x 15 A
- 1 x 200
- Length: 850 mm
- Thread: M16 x 1,5 mm
- Kit

[REF 111TP8458](#)

HYDEM



- Length: 4400 mm
- Kit

[REF 111TP9374](#)



SOLENOID VALVES

ÉLECTROVANNES - MAGNETVENTILE

	Type	Diameter mm	Thread	REF	
				12 V	24 V
	2/2	15	M20 x 1,5	111TP3535	111TP3536
	2/2	15	M20 x 1,5	111TP3537	111TP3538
	4/2	13,8 x 15,3 x 16,8	M20 x 1,5	111TP3539	111TP3540
	4/2	15,8 x 17,4 x 18,9	7/8" UNF	111TP3541	111TP3542
	4/2		M20 x 1,5	111TP8459	111TP8460
	2/2	15	M20 x 1,5	112TP5528	112TP9962
	2/2	14	3/4 16UNF	112TP6319	
	2/2	14	M20 x 1,5	112TP9809	112TP6011
	2/2	14	M18 x 1,5	112TP6013	112TP9810



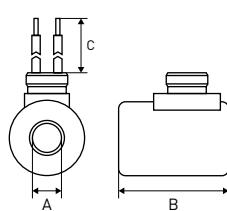
CARTRIDGES

CARTOUCHES - PATRONEN

	Type	Diameter mm	Thread	REF
	4/2	18	3/4" UNF	111TP8461
	2/2	18	M20 x 1,5	111TP8462
	4/2	18	M20 x 1,5	111TP8463
	4/2	18	M20 x 1,5	111TP8464
	4/2	18	M20 x 1,5	111TP8465

COILS

BOBINES - SPULEN



Voltage	A mm	B mm	REF
12	18	50	111TP3543
24	18	50	111TP3544



VALVE BLOCKS

BOÎTIERS À SOUPAPES – STEUERBLÖCKE



Voltage: 12 V

[REF 111TP3545](#)



Voltage: 24 V

[REF 111TP3546](#)



- Voltage: 24 V
- 2-positions

[REF 112TP6142](#)



- Length: 195 mm
- Height: 75,3 mm
- Width: 89,5 mm

[REF 111TP3547](#)



- Diameter: 3 x 1/4"
- Length: 62 mm
- Height: 24,5 mm
- Width: 40 mm

[REF 111TP8466](#)



- Length: 95 mm
- Height: 48 mm
- Width: 95 mm

[REF 111TP8443](#)



- Length: 89 mm
- Height: 75 mm
- Width: 89 mm

[REF 111TP8467](#)



REGULATING VALVES

SOUPAPES DE RÉGULATION - REGELVENTILE



Info	REF
1 litre/min	111TP3549

Info	REF
3 litre/min	111TP3550



Info	REF
4 litre/min	111TP8468

VALVES & SWITCHES

SOUPAPES & INTERRUPEURS - VENTILE & SCHALTER



2,6 bar - NC

[REF 111TP3551](#)



4-4,5 bar - NO

[REF 111TP3552](#)



Cap: [REF 111TP3551](#)

[REF 111TP8469](#)

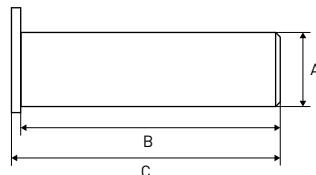


PINS

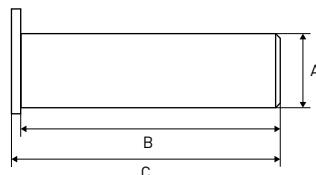
AXES - ACHSEN



A mm	B mm	Thread mm	REF
25	82	M12 x 1	111TP3553



A mm	B mm	Thread mm	REF
30	62	M8 x 1	111TP8470



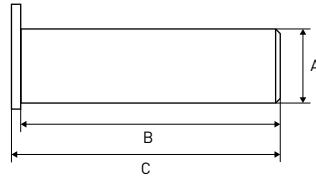
A mm	B mm	Thread mm	REF
30	66	M8 x 1	111TP3554
30	95	M8 x 1	111TP3555
30	113	M8 x 1	111TP3556
30	128	M8 x 1	111TP3557
30	153	M8 x 1	111TP3558
40	65	M8 x 1	111TP3559

USED ON MBB PALFINGER/PALGATE/INTERLIFT

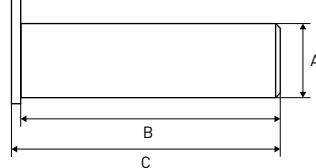


PINS

AXES – ACHSEN



A mm	B mm	Thread mm	REF
25	48	M10 x 1	111TP3570
25	55	M10 x 1	111TP3560
25	114	M10 x 1	111TP3561
28	58	M10 x 1	111TP3562
28	74	M10 x 1	111TP3563
28	98	M10 x 1	111TP3564
28	108	M10 x 1	111TP3565
28	115	M10 x 1	111TP3566
28	120	M10 x 1	111TP3567
28	445	M10 x 1	111TP3568
36	105	M10 x 1	111TP8471
36	170	M10 x 1	111TP3569



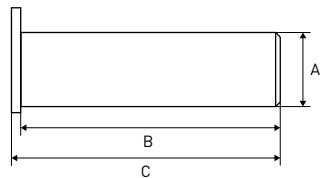
A mm	B mm	REF
		HYDEM version
25	99	111TP3571
25	114	111TP3572
28	48	111TP3573
28	56	111TP3574
28	72	111TP8472
28	90	111TP3575
28	119	111TP3576
28	155	111TP3577
36	80	111TP3578
36	81	111TP3579
36	92	111TP3580
36	105	111TP3581
36	106	111TP3582
36	120	111TP3583
40	85	111TP3584
40	105	111TP3585
40	145	111TP3586
50	125	111TP3587

USED ON MBB PALFINGER/PALGATE/INTERLIFT

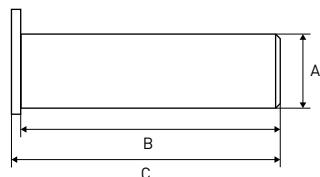


PINS

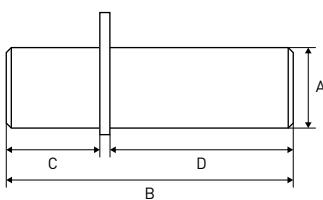
AXES - ACHSEN



A mm	B mm	REF	
			HYDEM version
25	169	111TP3588	
28	170	111TP3589	111TP9382
36	198	111TP3590	



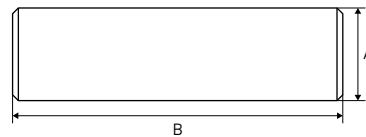
A mm	B mm	REF	
			HYDEM version
28	125	111TP3591	
36	198	111TP3592	111TP9383
40	185	111TP3593	



A mm	B mm	C mm	D mm	Thread mm	REF
28	168	64	89	M10 x 1	111TP3594
28	187	64	109	M10 x 1	111TP3595
36	205	90	100	M10 x 1	111TP3596
36	213	92	106	M10 x 1	111TP3597
36	222	91	116	M10 x 1	111TP3598

**PINS**

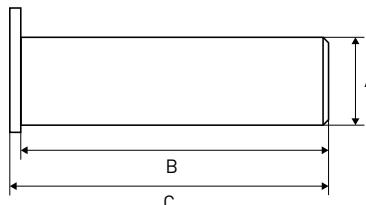
AXES - ACHSEN


HYDEM


A mm	B mm	REF
30	90	112TP6162



A mm	B mm	REF
36	80	112TP6373
40	94	112TP9627
36	210	112TP6374



A mm	B mm	REF
30	179	112TP6166


HYDEM

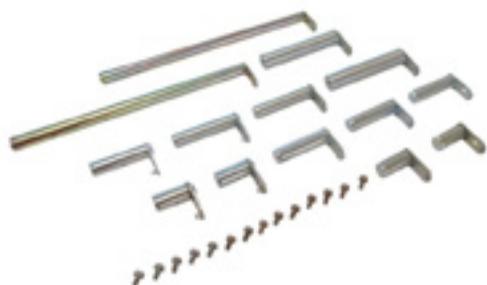
Diameter: 30 mm

[REF 112TP6152](#)



PIN SETS

KITS D'AXES - ACHSENSETS



HFL

[REF 111TP3599](#)



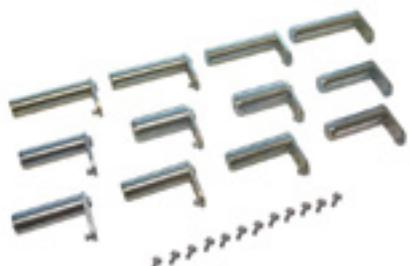
750K

[REF 111TP3601](#)



1000 Athlet

[REF 111TP3603](#)



1000K - 1500KL - Alu

[REF 111TP3605](#)

[REF 111TP9378](#) - HYDEM version



500 Minifix

[REF 111TP3600](#)



500-750K/KSP - 1000KL/AQ

[REF 111TP3602](#)



1000K

[REF 111TP3604](#)



1000K - 1500KL - steel

[REF 111TP3606](#)



PIN SETS

KITS D'AXES - ACHSENSETS



1500-2000K/KK/KUZ/KUZK

[REF 111TP3607](#)



1500K/700 - 2000K/700

[REF 111TP3608](#)



2000 KUZF/BDF

[REF 111TP3609](#)



2000K/800-1100

[REF 111TP3610](#)



3000K

[REF 111TP3611](#)



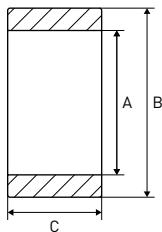
3000K - 3000KUZ

[REF 111TP3612](#)

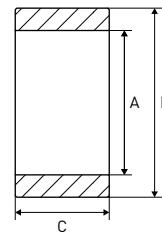


PLATFORM ROLLERS

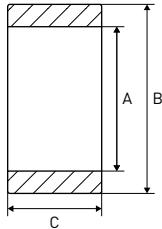
GALETS DE HAYON – PLATTFORMROLLEN



A mm	B mm	C mm	REF
25	80	52	111TP3613
29	100	53	111TP3614
36,5	110	74	111TP3615



A mm	B mm	C mm	REF
31	90	45	111TP3616
41	115	60	111TP3617



A mm	B mm	C mm	REF
12,8	100	40	112TP5399



PLATFORM ROLLER SETS

KITS DE GALETS DE HAYON – PLATTFORMROLLENSETS



- Diameter: 25/80 x 50 mm
- Length: 170 mm

[REF 111TP3618](#)



- Diameter: 28/100 x 50 mm
- Length: 155 mm

[REF 111TP3619](#)



- Diameter: 25/80 x 50 mm
- Length: 168 mm

[REF 111TP3620](#)



- Diameter: 28/100 x 49 mm
- Length: 170 mm
- 1000K

[REF 111TP3621](#)
[REF 111TP9379](#) – HYDEM
version



- Diameter: 28/100 x 50 mm
- Length: 187 mm

[REF 111TP3622](#)



- Diameter: 36/110 x 74mm
- Length: 197 mm

[REF 111TP3623](#)
[REF 111TP9384](#) – HYDEM
version



- Diameter: 36/110 x 74 mm
- Length: 205 mm

[REF 111TP3624](#)



- Diameter: 36/110 x 74 mm
- Length: 213 mm

[REF 111TP3625](#)



- Diameter: 36/110 x 74 mm
- Length: 222 mm

[REF 111TP3626](#)

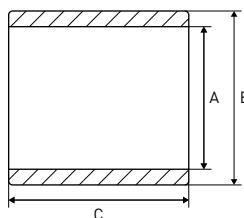


- Diameter: 41/115 x 60 mm
- Length: 185 mm
- 1000K

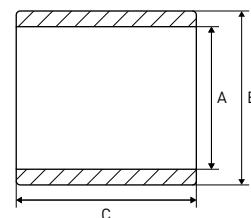
[REF 111TP3627](#)

**BUSHINGS**

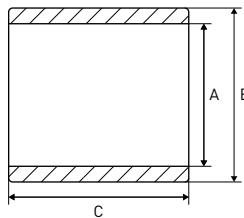
BAGUES - BUCHSEN



A mm	B mm	C mm	Info	REF
25	28	15	DX	111TP3629
30	34	15	DX	111TP3630
30	34	20	DX	111TP3631
30	34	30	DX	111TP3632
30	34	40	DX	111TP3633
35	39	20	DX	111TP3634
40	44	30	DX	111TP3635



A mm	B mm	C mm	REF
25	29	31	111TP3636
28	32	31	111TP3637
28	32	36	111TP3638
28	32	48	111TP3639
36	40	36	111TP3640
36	40	39	111TP3641
36	40	41	111TP3642
40	44	41	111TP3643
50	55	41	111TP3644
36	40	50	111TP3628



A mm	B mm	C mm	REF
25	28	20	111TP8473

See chapter Universal parts on page 705 for more parts.



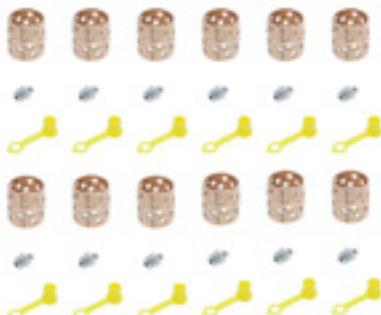
BUSHING SETS

KITS DE BAGUES - BUCHSENSETS



HFL

[REF 111TP3645](#)



500-750K/KSP - 1000KL

[REF 111TP3647](#)



1000K/1500KL/1000KUZ/1500KLUZ

[REF 111TP3649](#)



3000K/3000KZ

[REF 111TP3651](#)



500 Minifix

[REF 111TP3646](#)



1000 Athlet

[REF 111TP3648](#)



1500-2000K/KK/KUZ/KUZK

[REF 111TP3650](#)



ROLL STOPS & PARTS

BUTÉES DE ROUES & ACCESSOIRES – ABROLLSICHERUNGEN & ERSATZTEILE



- Length: 25 mm
- Width: 22 mm

REF [111TP3660](#)

SPRINGS & GAS SPRINGS

RESSORTS & VÉRINS À GAZ – FEDERN & GASDRUCKFEDERN



Diameter mm	Length mm	REF
69	171	111TP8226



Diameter mm	Length mm	REF
59	224	111TP8227



Diameter mm	Length mm	REF
59	224	111TP8474



Diameter mm	Length mm	Width mm	REF
3,5	127	43	111TP3661



Diameter mm	Length mm	Width mm	REF
4	85	85	111TP3662



Diameter mm	Length mm	Width mm	REF
13,2	1140	270	111TP8475



Diameter mm	Length mm	REF
20	2500	111TP8592

See chapter Universal parts on page 707 for more parts.



BUMPERS & BUFFERS

PARE-CHOCS & BUTOIRS - STOSSDÄMPFER & -PUFFER



- Diameter: 50 x 20 mm
- Thread: M12

[REF 111TP3663](#)



- Length: 210 mm
- Height: 50 mm
- Width: 55 mm

[REF 111TP3664](#)



- Diameter: 50 x 21 mm
- Length: 140 mm
- Thread: M12

[REF 111TP8476](#)

CAPS

BOUCHONS - DECKEL



Length: 280 mm

1. [REF 111TP3665](#) - LH
2. [REF 111TP3666](#) - RH



Length: 380 mm

1. [REF 111TP3667](#) - LH
2. [REF 111TP3668](#) - RH



[REF 111TP3670](#) - Dimensions [L x W]: 100 x 50 mm
[REF 111TP3669](#) - Dimensions [L x W]: 120 x 60 mm

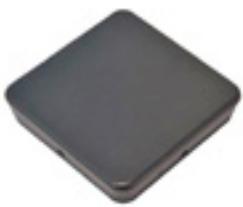


[REF 111TP3671](#) - Diameter: 42 mm
[REF 111TP3672](#) - Diameter: 45 mm
[REF 111TP3673](#) - Diameter: 70 mm
[REF 111TP3674](#) - Diameter: 102 mm



CAPS

BOUCHONS - DECKEL



REF 111TP3675 – Dimensions (L x W): 100 x 100 mm

REF 111TP3677 – Dimensions (L x W): 130 x 123 mm

REF 111TP3678 – Dimensions (L x W): 180 x 180 mm



1

2

Length: 137 mm

1. **REF 111TP3681** – LH

2. **REF 111TP3683** – RH



1

2

Length: 137 mm

1. **REF 111TP3684** – LH

2. **REF 111TP3682** – RH



1

2

Length: 177 mm

1. **REF 111TP3688** – LH

2. **REF 111TP3687** – RH



REF 111TP8477 – Dimensions (L x W): 215 x 195 mm



REF 111TP3680 – With support sensor

See chapter Universal parts on page 707 for more parts.



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



1. [REF 111TP8478](#) - LH
2. [REF 111TP8479](#) - RH



- Diameter distance: 6,7 mm
- 4 holes

[REF 111TP8480](#)



- Length: 195 mm
- Height: 21 mm
- Width: 195 mm

[REF 111TP8481](#)



Length: 355 mm

1. [REF 111TP3685](#) - LH
2. [REF 111TP3686](#) - RH



Length: 450 mm

1. [REF 111TP3689](#) - LH
2. [REF 111TP3690](#) - RH



Length: 800 mm

[REF 112TP6117](#)



- Length: 400 mm
- Width: 250
- § 53b Abs. 5 StVZO
- TÜV/CE with certificate

[REF 111TP3691](#)



- Length: 400 mm
- Width: 250
- § 53b Abs. 5 StVZO
- TÜV/CE with certificate

[REF 111TP1320](#)



- Length: 300 mm
- Width: 200 mm

[REF 111TP3692](#)



- Handle
- Dimensions: 78 x 21 mm

[REF 112TP5330](#)

See chapter Universal parts on page 708 for more parts.



GREASE FITTINGS & CAPS

RACCORDS DE GRAISSAGE & BOUCHONS - SCHMIERNIPPEL & SCHUTZKAPPEN



Type thread mm	Info	REF
M10 x 1	180°	111TP3693



Type thread mm	Info	REF
M10 x 1	With cap	111TP3694



Type thread mm	REF
M6	111TP3695

See chapter Universal parts on page 710 for more parts.



JOYSTICKS

LEVIER DE COMMANDE - JOYSTICKS



I-0-II

[REF 111TP3700](#)



- Length: 430 mm
- 6-pole

[REF 111TP3828](#)



2 x NC

[REF 112TP6537](#)



[REF 112TP6175](#)



ROTARY/PUSH SWITCHES & PARTS

INTERRUPEURS ROTATIFS/POUSSOIRS & ACCESSOIRES - DREH-/DRUCKSCHALTER & ERSATZTEILE



3-positions

[REF 111TP3701](#)



2-positions

[REF 111TP3702](#)



K – new version

[REF 111TP3703](#)



- Length: 70 mm
- Height: 36 mm
- Width: 45 mm

[REF 111TP8482](#)



Lever contactor + hood

[REF 112TP6252](#)



- Inverter 2 positions
- 2 fixed positions

[REF 112TP8299](#)



- Black pusher, push button head
- IP66

[REF 112TP6253](#)



CONTACT ELEMENTS

BLOCS DE CONTACT - KONTAKTELEMENTE



2 x NO

[REF 111TP3715](#)



2 x NO

[REF 111TP3716](#)



1 x NC

[REF 111TP3717](#)



1 x NO

[REF 111TP8483](#)

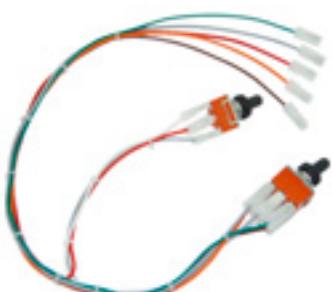


1 x NO

[REF 111TP8484](#)

TOGGLE SWITCHES

INTERRUPEURS À LEVIER - KIPPSCHALTER



- Voltage: 250 V
- Amperage: 15 A

[REF 111TP3789](#)



BATTERY/EMERGENCY SWITCHES & PARTS

COUPE BATTERIE/INTERRUPEURS D'ARRÊT D'URGENCE & ACCESSOIRES - BATTERIE-/NOTSTOPPSCHALTER & ERSATZTEILE



Amperage: 150/1000 A (5 sec)

[REF 111TP2931](#)



1 x NC

[REF 111TP3718](#)



1 x NC

[REF 112TP9811](#)



Diameter: 11 mm

[REF 111TP8485](#)



- Diameter: 22 mm
- E23

[REF 111TP3721](#)



- Length: 30,5 mm
- Width: 25 mm
- 4 contacts

[REF 111TP3720](#)



- Diameter: 22 mm
- 4 contacts

[REF 111TP3722](#)



- Diameter: 14 mm
- 3 contacts

[REF 111TP8486](#)



MICRO SWITCHES WITH CABLE

MICRORUPTEURS AVEC CÂBLE – MIKROSCHALTER MIT KABEL



Voltage	Amperage	Length mm	IP	REF
250	5	500	66	111TP3748



Voltage	Amperage	Length mm	IP	REF
250	5	1500	66	111TP3749

SENSORS & SWITCHES

CAPTEURS & INTERRUPEURS – SENSOREN & SCHALTER



- Length: 5500 mm
- B15

[REF 111TP3729](#)



- Length: 4000 mm
- B16

[REF 111TP3730](#)



- Length: 2900 mm
- B16

[REF 111TP8488](#)



- Length: 4000 mm
- B16

[REF 111TP3731](#)



- Length: 5500 mm
- B16

[REF 111TP3732](#)



- Length: 2900 mm
- B16

[REF 111TP8492](#)



SENSORS & SWITCHES

CAPTEURS & INTERRUPEURS – SENSOREN & SCHALTER



- Length: 3100 mm
- B13 – K+H1+K1+

[REF 111TP3737](#)



- Length: 2700 mm
- B13 – Athlet

[REF 111TP3738](#)



- Length: 300 mm
- B13 – H

[REF 111TP3739](#)



- Length: 3100 mm
- B13

[REF 111TP8489](#)



- Length: 2000 mm
- B13

[REF 111TP3741](#)



- Length: 3100 mm
- B13

[REF 111TP8490](#)



- Length: 5130 mm
- B13

[REF 111TP8493](#)



- Length: 2100 mm
- B16

[REF 111TP8494](#)



SENSORS & SWITCHES

CAPTEURS & INTERRUPEURS - SENSOREN & SCHALTER



Length: 4500 mm

[REF 111TP3740](#)



Length: 1400 mm

[REF 111TP3742](#)



- Length: 480 mm
- Dimensions: 73 x 29.5 x 18.3 mm

[REF 111TP3747](#)



- Voltage: 10/36 VDC
- Length: 2000 mm
- NO – PUR

[REF 111TP3733](#)



- Voltage: 10/36 VDC
- Length: 2000 mm
- NC – PUR

[REF 111TP3734](#)



- Voltage: 12/24 V
- Length: 2500 mm
- IP67

[REF 111TP3735](#)



- Voltage: 10/55 VDC
- Length: 6000 mm
- NO/NC – programmable – PUR

[REF 111TP3736](#)



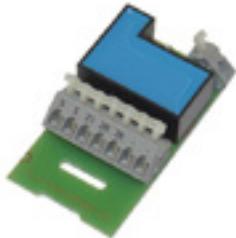
- Length: 68 mm
- Width: 37 mm
- B8

[REF 111TP3744](#)



SENSORS & SWITCHES

CAPTEURS & INTERRUPEURS – SENSOREN & SCHALTER



- Length: 68 mm
- Width: 37 mm
- B9

[REF 111TP3743](#)



- Length: 68 mm
- Width: 37 mm
- B10

[REF 111TP3745](#)



Length: 2070 mm

[REF 111TP3746](#)



Length: 3100 mm

[REF 111TP8491](#)



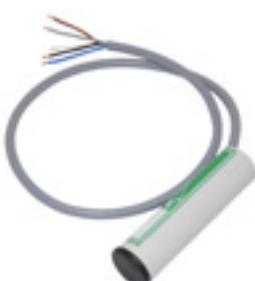
- Diameter: 25 x 99 mm
- Voltage: 12/24 V
- Length: 560 mm

[REF 111TP8495](#)



- Diameter: 18 x 100 mm
- Voltage: 12/24 V
- Length: 670 mm

[REF 111TP3836](#)



- Diameter: 25 x 100 mm
- Voltage: 12/24 V
- Length: 550 mm

[REF 111TP1978](#)



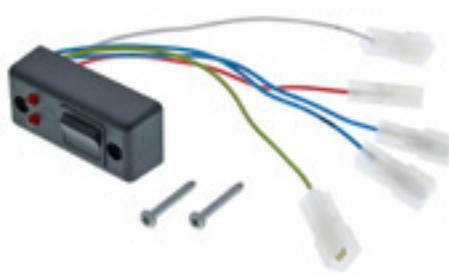
CONTROL BOXES & PARTS

BOÎTIERS DE CONTRÔLE & ACCESSOIRES - BEDIENKÄSTEN & ERSATZTEILE



Voltage: 12/24 V

[REF 111TP3723](#)



Voltage: 12/24 V

[REF 111TP3724](#)



- Length: 405 mm
- Width: 170 mm
- Heighth: 125 mm

[REF 111TP3725](#)

- Length: 300 mm
- Width: 190 mm
- Heighth: 130 mm
- K+

[REF 111TP3726](#)



- Length: 405 mm
- Width: 170 mm
- Heighth: 125 mm
- K+

[REF 111TP3727](#)



- Length: 300 mm
- Width: 175 mm
- Heighth: 130 mm
- K+

[REF 111TP3728](#)



- Length: 300 mm
- Width: 160 mm
- Heighth: 110 mm
- K+

[REF 111TP8487](#)



CONTROLLERS

COMMANDES – BEDIENUNGEN



Operate your tail lift with our high-quality hand controls available in 2- or 3-button configurations.

Your benefits:

- Maximum comfort, high productivity
- Unique ergonomic design
- Easy push system
- With magnet and ring for easy handling
- Rubber shock absorber
- Usable in cold and wet environments

Applications:

Tail lifts, winches, cranes to name a few

Specifications:

- Protection (IP): IP44 according to EN 60 529
- Contact type: Mafelec (push button)
- Max amperage: 10 A
- Operating temperature: -25 °C up to 60 °C
- Material: ABS plastic with rubber buffer
- Cable: polyurethane 3,5 metres working length

Available colours:

Orange, yellow, green, red and blue

Available in different colours and in 2- or 3-button configurations.

Ask for your quantity discount. All models are equipped with Mafelec switches.

2-button hand controls with cable and connector

Make	Colour	REF
MBB Hubfix	Yellow	111TP5196
MBB Palfinger	Green	111TP5225

3-button hand controls with cable and connector

Make	Colour	REF
MBB Palfinger	Green	111TP5212

2-button hand controls without cable

Colour	REF
Orange	111TP5214
Blue	111TP5215
Red	111TP5216
Yellow	111TP5217
Green	111TP5218

3-button hand controls without cable

Colour	REF
Orange	111TP5219
Blue	111TP5220
Yellow	111TP5221
Red	111TP5222
Green	111TP5223

CONTROLLERS

COMMANDES – BEDIENUNGEN



- 2 x NO
- Mafelec switch

[REF 111TP8092](#)



- 1 x NO + 1 x NC
- Mafelec switch

[REF 111TP8093](#)

See chapter Universal parts on page 712 for more parts.



FOOT CONTROLLERS & PARTS

COMMANDES AU PIED & ACCESSOIRES - FUSSSCHALTER & ERSATZTEILE



Length: 2100 mm

[REF 111TP3704](#)



Length: 2100 mm

[REF 111TP3705](#) – Lift
[REF 111TP3706](#) – Lower



Length: 2000 mm

[REF 111TP3707](#)



Diameter: 79 x 35 mm

[REF 111TP3708](#)



Diameter: 79 mm

[REF 111TP3709](#)



Diameter: 30 mm

[REF 111TP3710](#)



Diameter: 30 mm

[REF 111TP3711](#)



Diameter: 40 mm

[REF 111TP3713](#)



Diameter: 40 mm

[REF 111TP3714](#)



Diameter: 40 mm

[REF 111TP3712](#)



VARIOUS CONTROLLER PARTS

DIVERSES PIÈCES DE COMMANDE - WEITERE BEDIENUNG-ERSATZTEILE



Diameter: 32 mm

REF 111TP3750



KOSTAL CABLES

CÂBLES KOSTAL - KOSTALKABEL



- Length: 4000 mm
- Thread: M24 x 1 mm/M27 x 1 mm

[REF 111TP3761](#)



Length: 4050 mm

[REF 111TP8496](#)

CABLES & PARTS

CÂBLES DE BATTERIE - KABEL & ERSATZTEILE



Length: 3160 mm

[REF 111TP8497](#)



Length: 3660 mm

[REF 111TP8498](#)

CONNECTORS & PARTS

CONNECTEURS & ACCESSOIRES - STECKER & ERSATZTEILE



- [REF 111TP8582](#) - 2-pole
- [REF 111TP8583](#) - 4-pole
- [REF 111TP3763](#) - 6-pole
- [REF 111TP8584](#) - 8-pole
- [REF 111TP8585](#) - 10-pole
- [REF 111TP8586](#) - 12-pole
- [REF 111TP8587](#) - 14-pole
- [REF 111TP8588](#) - 16-pole



Wire size: 1,5 mm²

[REF 111TP3764](#)

See chapter Universal parts on page 719 for more parts.



FLASHER LIGHTS & PARTS

LAMPES TORCHES & ACCESSOIRES – BLINKLEUCHTEN & ERSATZTEILE



- Voltage: 12/24 V
- LED – EU

REF [111TP8500](#)



- Voltage: 12/24 V
- LED – EU

REF [111TP3766](#)



- Voltage: 12/24 V
- LED – type 2007

REF [111TP3765](#)



Voltage: 12/24 V

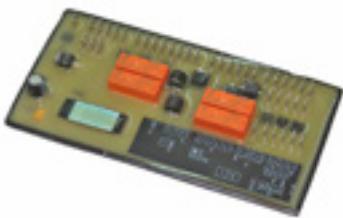
REF [111TP8499](#)

See chapter Universal parts on page 725 for more parts.



PRINTED CIRCUIT BOARDS/CONTROLLERS

CIRCUITS IMPRIMÉS/COMMANDES – LEITERPLATTEN/BEDIENUNGEN



- Length: 165 mm
- Width: 85 mm
- 1000 Athlet

[REF 111TP3770](#) – Voltage: 12 V

[REF 111TP3769](#) – Voltage: 24 V



- Length: 150 mm
- Width: 126 mm
- PREMIUM M.PROGR.E, KUZF-BDF

[REF 111TP3771](#)



- Length: 150 mm
- Width: 126 mm
- PLUS M.PROGR.A3, B13, B15, 2xB15

[REF 111TP3772](#)



- Length: 150 mm
- Width: 126 mm
- M. PROGR.B2, B13, B15 ODER2xB15

[REF 111TP8501](#)



- Length: 150 mm
- Width: 126 mm
- ECO M.PROGR.M, B13, B16

[REF 111TP3774](#)



- Voltage: 12/24 V
- Length: 360 mm
- Width: 120 mm
- A3, B13-B15/2 x B15

[REF 111TP3776](#)



- Length: 150 mm
- Width: 126 mm
- KUZ M. EASY MOVE

[REF 111TP8504](#)



- Voltage: 12/24 V
- Length: 350 mm
- Width: 40 mm
- B1, KUZ, B13, B15

[REF 111TP8502](#)



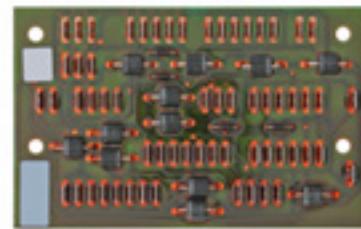
PRINTED CIRCUIT BOARDS/CONTROLLERS

CIRCUITS IMPRIMÉS/COMMANDES – LEITERPLATTEN/BEDIENUNGEN



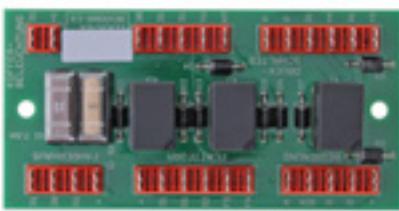
- Voltage: 24 V
- Length: 150 mm
- Width: 135 mm
- Height: 25 mm

[**REF 112TP5668**](#)



- Length: 135 mm
- Width: 85 mm

[**REF 111TP8503**](#)



- Voltage: 24 V
- Length: 140 mm
- Width: 70 mm

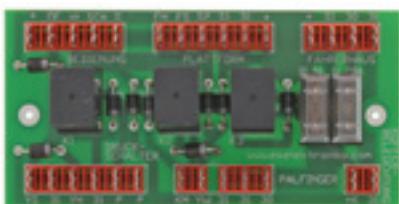
[**REF 111TP8505**](#)



- Length: 164 mm
- Width: 75 mm

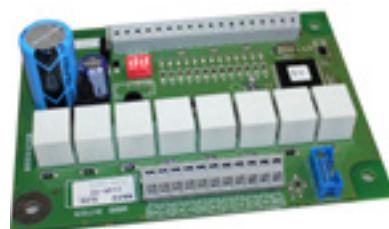
[**REF 111TP8506**](#) – Voltage: 12 V

[**REF 111TP8507**](#) – Voltage: 24 V



- Voltage: 12 V
- Length: 142 mm
- Width: 71 mm

[**REF 111TP8508**](#)



Voltage: 12/24 V

[**REF 111TP8509**](#)

**RELAYS**

RELAIS – RELAIS



Voltage	REF
24	111TP3777



Info	REF
Electronic card 24 V – 6-relays	112TP8338



Voltage	REF
24	111TP3778



Voltage	REF
9/30	111TP3779



Height mm	REF
305	111TP3780

See chapter Universal parts on page 727 for more parts.



FUSES

FUSIBLES – SICHERUNGEN

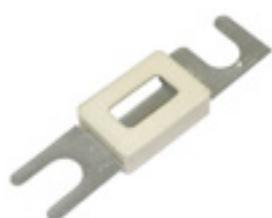


DIN 72581/5

- REF [111TP3781](#)** – Amperage: 100 A
- REF [111TP3782](#)** – Amperage: 125 A
- REF [111TP3783](#)** – Amperage: 150 A
- REF [111TP3784](#)** – Amperage: 200 A



- REF [111TP3785](#)** – Amperage: 100 A
- REF [111TP3786](#)** – Amperage: 150 A
- REF [111TP3787](#)** – Amperage: 200 A



REF [111TP8510](#) – Amperage: 80 A

See chapter Universal parts on page 728 for more parts.

FUSE HOLDERS & PARTS

PORTE-FUSIBLES & ACCESSOIRES – SICHERUNGSHALTER & ERSATZTEILE

HYDEM



- Amperage: 250 A
- DIN 43560/1

REF [111TP9376](#)



- Diameter: 25 mm
- Thread: M8

REF [111TP3788](#)



5 x 20 mm

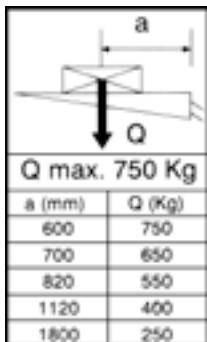
REF [112TP3079](#)

See chapter Universal parts on page 732 for more parts.

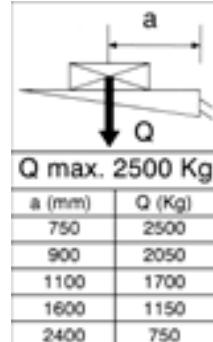


DECALS

AUTOCOLLANTS - AUFKLEBER



- Length: 65 mm
- Width: 39 mm
- Max 750 kg

[REF 111TP3790](#)

- Length: 65 mm
- Width: 39 mm
- Max 2500 kg

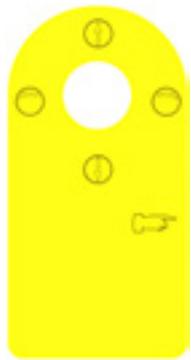
[REF 111TP3791](#)

- Length: 194 mm
- Width: 93,5 mm
- Athlet

[REF 111TP3792](#)

- Length: 180 mm
- Width: 120 mm

[REF 111TP9778](#) – New model
[REF 111TP3793](#) – Old model



- Length: 185 mm
- Width: 94 mm

[REF 111TP8511](#)

See chapter Universal parts on page 735 for more parts.

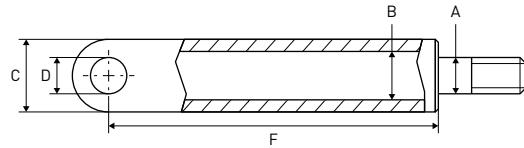


USED ON
RATCLIFF

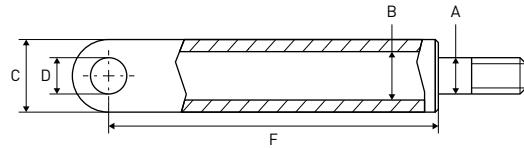


LIFT CYLINDERS

VÉRINS DE LEVAGE - HUBZYLINDER



A mm	B mm	C mm	D mm	F mm	REF
28	35	45	20	825	111TP5126
28	35	45	20	736	111TP5127



A mm	B mm	C mm	D mm	F mm	REF
20	40	65	20	925	111TP7758
20	40	75	20	970	111TP7759



SEAL KITS

KITS DE JOINTS – DICHTUNGSSÄTZE



Diameter: 35/25 mm

[REF 111TP7761](#)



Diameter: 55/44 mm

[REF 111TP7762](#)



Diameter: 65/55 mm

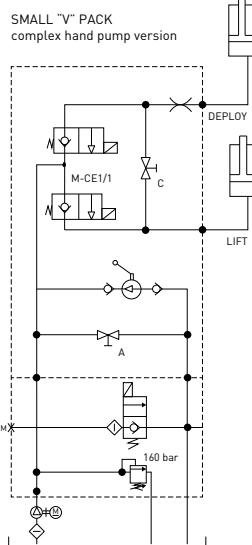
[REF 111TP7760](#)

USED ON RATCLIFF



DC HYDRAULIC POWER UNITS

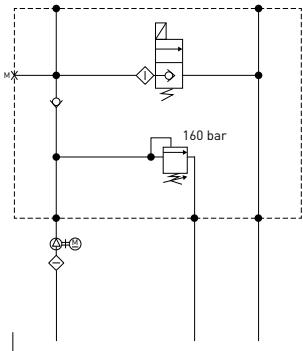
GROUPE HYDRAULIQUE DC – DC HYDRAULIKAGGREGAT



- Electric motor: 0,5 kW
- Pump size: 0,5 CC/rev
- Tank volume: ± 2,6 liter
- Working pressure: 160 bar

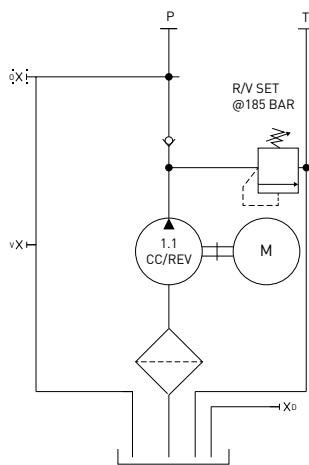
REF 111TP7763 – Voltage: 12 VDC

REF 111TP7768 – Voltage: 24 VDC



- Electric motor: 0,8 kW
- Voltage: 12 VDC
- Pump size: 0,5 CC/rev
- Tank volume: ± 2,6 liter
- Working pressure: 160 bar

REF 111TP7766



- Electric motor: 2,2 kW
- Voltage: 24 VDC
- Pump size: 1,1 CC/rev
- Tank volume: 4,3 liter
- Working pressure: 145 bar

REF 111TP7767

See chapter Universal parts on page 697 for more parts.



COVERS

COUVERCLES - ABDECKUNGEN



Length mm	Width mm	REF
335	285	111TP7769



Length mm	Width mm	REF
302	205	111TP7770



Length mm	Width mm	REF
300	288	111TP7771



Length mm	Width mm	REF
395	345	111TP7772



1



2

Fig	Length mm	Width mm	Info	REF
1	235	160	LH	111TP7773
2	235	160	RH	111TP7774



Length mm	Width mm	REF
967	75	111TP7775



LOCKS

SERRURES - VERRIEGELUNGEN



Clip kit

[REF 111TP7776](#)

VARIOUS PARTS

PIÈCES VARIÉES - VERSCHIEDENE TEILE



- Length: 105 mm
- Width: 35 mm

[REF 111TP7777](#)



- Length: 455 mm
- Diameter: 25 mm

[REF 111TP7778](#)



Hand pump

[REF 111TP7779](#)

USED ON RATCLIFF



ELECTRIC MOTORS

MOTEURS ÉLECTRIQUES - ELEKTROMOTOREN



Voltage	kW	Rotation	REF
12	1,6	CW >>	111TP3846



Voltage	kW	Rotation	REF
24	2,2	CW >>	111TP7780



Voltage	kW	Rotation	REF
12	0,8	CW >>	111TP3847
24	0,8	CW >>	111TP5356



Voltage	kW	Rotation	REF
12	1,6	CW >>	111TP3848



Voltage	kW	Rotation	REF
24	0,5	CW >>	111TP3849



Voltage	kW	Rotation	REF
12	1,4	CW >>	111TP8016
24	1,8	CW >>	111TP3850



Voltage	kW	Rotation	REF
12	0,8	CW >>	111TP7781
24	0,8	CW >>	111TP7782



Voltage	kW	Rotation	REF
12	2	CW >>	111TP7783
24	2	CW >>	111TP7784



Voltage	kW	Rotation	REF
12	0,5	<< CCW/CW >>	111TP2460
24	0,5	<< CCW/CW >>	111TP2462

See chapter Universal parts on page 735 for more parts.

**SOLENOID SWITCHES/CONTACTORS**

SOLÉNOÏDES/CONTACTEURS - MAGNETSCHALTER/SCHÜTZE

	Amperage	REF	
		12 V	24 V
	80	111TP7786	
	100	111TP7997	111TP7998
	100		111TP7785
	150	111TP3851	111TP3852
	150		111TP3874

See chapter Universal parts on page 701 for more parts.



BRUSHES

BALAIS – KOHLEBÜRSTEN



Dimensions: 16 x 9 x 16 mm

[REF 111TP3853](#)



Dimensions: 13 x 9 x 25,5 mm

[REF 111TP3854](#)

BEARINGS

ROULEMENTS – LAGER



Diameter mm	Height mm	REF
12/32	10	111TP3855



Diameter mm	Height mm	REF
12/32	10	111TP3856
15/35	11	111TP3857



Diameter mm	Height mm	REF
15/42	13	111TP3863

See chapter Universal parts on page 735 for more parts.

**ROLLERS**

GALET DE GUIDAGE - LEITERROLLE



- Length: 33 mm
- Diameter: 40/16/10 mm

REF [111TP7789](#)

Info: M10 x 1,5 x 40 mm

REF [111TP7790](#)

Diameter: 54 mm

REF [111TP7839](#)

Diameter: 35 mm

REF [111TP7791](#)

Diameter: 106/45 mm

REF [111TP7787](#)

USED ON RATCLIFF



HOSES

TUYAUX - SCHLÄUCHE



Hose dia		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	Inch	Inch		
1/4	6,4	650	9/16	9/16	-40-100 °C	111TP7793
1/4	6,4	5100	9/16	9/16	-40-100 °C	111TP7794



Hose dia		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	Inch	Inch		
1/4	6,4	2000	9/16	Nut 10L	-40-100 °C	111TP7800



Hose dia		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	Inch	Inch		
1/4	6,4	2000	9/16	Nut 10L - 90°	-40-100 °C	111TP7795



Hose dia		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	Inch	Inch		
1/4	6,4	2000	9/16	9/16 - 90°	-40-100 °C	111TP7798
1/4	6,4	2000	3/4	9/16 - 90°	-40-100 °C	111TP7799



HOSES

TUYAUX – SCHLÄUCHE



Hose dia		Length mm	Fitting 1 Inch	Fitting 2 Inch	Info	REF
Inch	mm					
1/4	6,4	2000	Nut 8L	Nut 8L – 90°	-40–100 °C	111TP7796
1/4	6,4	2100	Nut 8L	Nut 8L – 90°	-40–100 °C	111TP7797



Hose dia		Length mm	Fitting 1 Inch	Fitting 2 Inch	Info	REF
Inch	mm					
1/4	6,4	2100	9/16	9/16	-40–100 °C	111TP7801



FITTINGS

RACCORDS – KUPPLUNGEN



- Height: 7 mm
- Diameter: 13/10 mm

[**REF 111TP7802**](#)



- Height: 13
- Diameter: 17 mm
- Thread: 9/16" x 1 mm

[**REF 111TP7803**](#)



- Height: 20 mm
- Thread: 1/4" BSP

[**REF 111TP7806**](#)



- Height: 35 mm
- Thread: 9/16" x 1 mm

[**REF 111TP7805**](#)



- Height: 49 mm
- Diameter: 10 mm
- Thread: 9/16" x 1 mm

[**REF 111TP7804**](#)

USED ON RATCLIFF



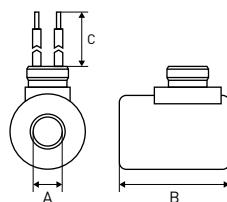
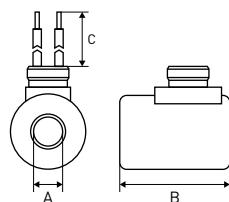
CARTRIDGES

CARTOUCHES - PATRONEN

	Type	Diameter mm	Length mm	Thread	REF
	2/2	13	76	SLW7/8	111TP7810

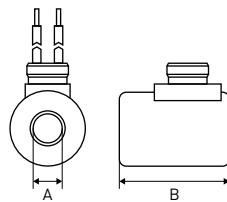
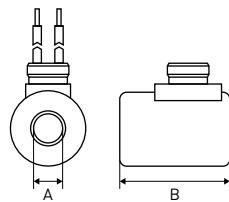
COILS

BOBINES - SPULEN



Voltage	A mm	B mm	C mm	REF
12	16	50	500	111TP3858
24	16	52	380	111TP3859

Voltage	A mm	B mm	C mm	REF
12	13	38	460	111TP7813
24	13	38	460	111TP7814



Voltage	A mm	B mm	REF
12	14	37,5	111TP7811
24	14	37,5	111TP7812

Voltage	A mm	B mm	REF
12	10	28	111TP8014
24	10	28	111TP7817

REGULATING VALVES

SOUPAPES DE RÉGULATION - REGELVENTILE



Length mm	Thread	Info	REF
46	3/8" BSP	3 l/min	111TP7818
60	3/8" BSP	8 l/min	111TP7819
60	3/8" BSP	10 l/min	111TP7820
60	3/8" BSP	16 l/min	111TP7821



MAGNET VALVES

ÉLECTROVANNES - MAGNETVENTILE



Voltage: 24 V

[**REF 111TP7808**](#)



Voltage: 24 V

[**REF 111TP7807**](#)



[**REF 111TP7815**](#) – Voltage: 12 V

[**REF 111TP7816**](#) – Voltage: 24 V



Voltage: 24 V

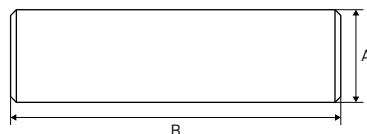
[**REF 111TP7809**](#)

USED ON RATCLIFF



PINS

AXES - ACHSEN



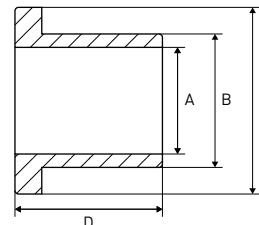
A mm	B mm	REF
20	42	111TP7824
20	47	111TP7825
20	51	111TP7826
20	71	111TP7827



A mm	B mm	REF
20	38	111TP7828
20	60	111TP7829
20	84	111TP7831



A mm	B mm	REF
30	56	111TP7834



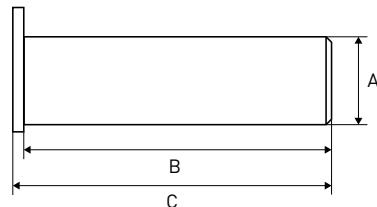
A mm	B mm	C mm	D mm	REF
16/12	24	22	24	111TP7792

USED ON RATCLIFF

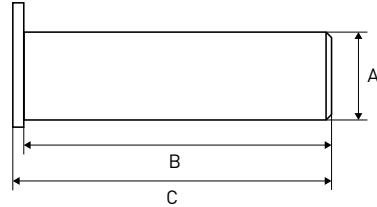


PINS

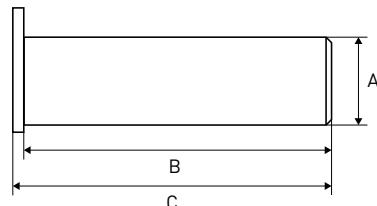
AXES - ACHSEN



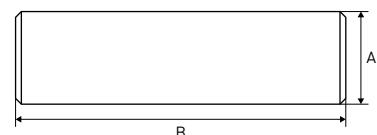
A mm	B mm	C mm	REF
20	59	67	111TP7822
20	69	76	111TP7823



A mm	B mm	C mm	REF
25	57	62	111TP7835



A mm	B mm	C mm	REF
20	56	66	111TP7832
30	56	66	111TP7833



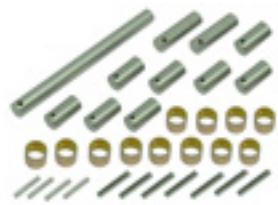
A mm	B mm	REF
25	63	111TP7838

USED ON RATCLIFF



PIN SETS

KIT D'AXES - ACHSENSETS



- Pivot pin & bush kit
- Diameter: 20 mm

REF [111TP7836](#)



- Length: 100 mm
- Diameter: 10 mm

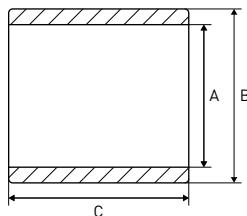
REF [111TP7837](#)

USED ON RATCLIFF

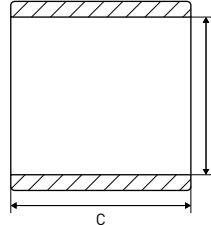


BUSHINGS

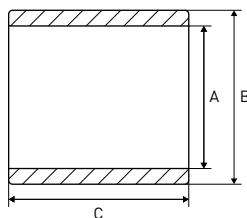
BAGUES - BUCHSEN



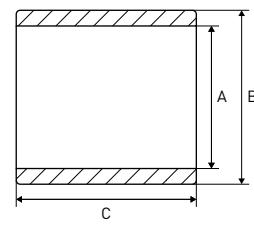
A mm	B mm	C mm	Info	REF
20	23	20	DX	111TP3860
25	28	25	DX	111TP3861
25	34	25	DX	111TP3862



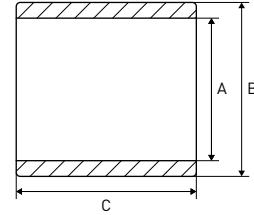
A mm	C mm	REF
8	8	111TP7841
10	10	111TP7840



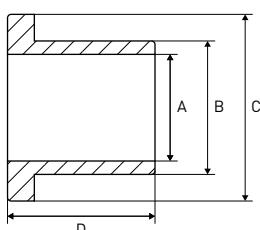
A mm	B mm	C mm	REF
15	12	15	111TP7842
15	14	15	111TP5288
20	14	20	111TP7843
20	18	20	111TP7844
25	18	25	111TP7845
10	23	10	111TP7846
15	23	15	111TP7847
20	23	20	111TP7848
25	23	25	111TP7849
15	28	15	111TP7850
25	28	25	111TP7851
20	34	20	111TP7852
25	34	25	111TP7853
30	34	30	111TP5291



A mm	B mm	C mm	REF
10	14	10	111TP7854



A mm	B mm	C mm	REF
10	12	10	111TP7855
42	34	42	111TP7856



A mm	B mm	C mm	D mm	REF
40	32	40	20	111TP7788

See chapter Universal parts on page 705 for more parts.

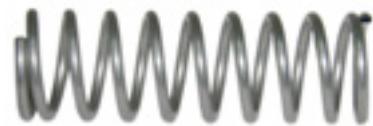


SPRINGS & GAS SPRINGS

RESSORTS & VÉRINS Á GAZ - FEDERN & GASDRUCKFEDERN



Diameter mm	Length mm	REF
7	45	111TP7867



Diameter mm	Length mm	REF
15	46	111TP7866



Diameter mm	Length mm	REF
19	100,5	111TP7868



Diameter mm	Length mm	REF
21	44	111TP7869



Diameter mm	Length mm	REF
16	14	111TP7870



Length mm	Thread	REF
977	M10	111TP7871



Length mm	Thread	REF
1077	M10	111TP7872



Length mm	Thread	REF
625	M10	111TP7866



Length mm	Thread	REF
195	M10	111TP7867

See chapter Universal parts on page 707 for more parts.



BUMPERS & BUFFERS

PARE-CHOCS & BUTOIRS - STOSSDÄMPFER & -PUFFER



- Length: 111 mm
- Width: 25 mm

[**REF 111TP7875**](#)



- REF 111TP7876** – Diameter: 20 mm – M6
REF 111TP7877 – Diameter: 30 mm – M8

SLIDER BLOCKS, ROLLERS & WEAR PLATES

BLOCS DE DÉFILEMENT, GALETS & PLAQUES D'USURE – GLEITBLÖCKE, LAUFROLLEN & VERSCHLEISSPLATTEN



- Length: 100 mm
- Width: 50 mm

[**REF 111TP7878**](#)



- Length: 45,5 mm
- Width: 40,5 mm
- Hole: M16

[**REF 111TP7879**](#)



- Length: 750 mm
- Width: 48 mm

[**REF 111TP7880**](#)



- Length: 500 mm
- Width: 50 mm

[**REF 111TP7881**](#)



TORSION BARS + PARTS

BARRE DE TORSION + PIÈCES - DREHSTÄBE + ZUBEHÖR

Our torsion bars are made from a high grade spring steel 50CrV4. The square bars are tempered and get a shot-peening treatment on top of that. This gives the bars a very high fatigue strength and protects them against stress and cracking. Each bar is torsion tested through 90 degrees. The bars are sand blasted and get a black powder coat finish



Length mm	Colour	Info	REF
1860	White	7/16"	111TP7886
1860	Green	17/32"	111TP7888
1860	Black	9/16"	111TP7889
1860	Red	19/32"	111TP7890
1980	Blue	1/2"	111TP7887
1980	Black	5/8"	111TP7891



Info	REF
1/2"	111TP3864
17/32"	111TP3865
7/16"	111TP3866



Info	REF
1/2"	111TP3867
17/32"	111TP3868
7/16"	111TP3869



Length mm	Width mm	Info	REF
119	49	Hexagon	111TP7882



Length mm	Width mm	REF
118	48	111TP7883



Length mm	Width mm	REF
85	58	111TP7884



Info	REF
Small	111TP7892
Large	111TP7893



Length mm	Width mm	Height mm	REF
64,5	30	5	111TP7894



LSD PARTS (LOAD SAFETY DEVICES)

PIÈCES DE LSD (DISPOSITIFS DE SÉCURITÉ DE CHARGE) – LSD-TEILE (LADEN-SICHERHEITS-LICHTSCHRANKEN)



1

- Length: 109 mm
- Width: 38 mm
- Diameter: 8 mm

1. [REF 111TP7896](#) – LH
2. [REF 111TP7897](#) – RH



- Length: 109 mm
- Width: 38 mm
- Diameter: 8 mm
- RH

[REF 111TP7898](#)



- Length: 32 mm
- Thread: M6

[REF 111TP7899](#)



- Length: 875 mm
- Diameter: 12 mm

[REF 111TP7900](#)



- Length: 1288 mm
- Diameter: 12 mm

[REF 111TP7901](#)



- Length: 140 mm
- Width: 60 mm
- Height: 45,6 mm

[REF 111TP7902](#)



- Length: 121 mm
- Width: 58 mm

[REF 111TP7903](#)



- Length: 63 mm
- Width: 41 mm

[REF 111TP7904](#)



WIRE ROPES

CÂBLES MÉTALLIQUES - DRAHTSEILE



With special locking nut (not standard)

Diameter mm	Length mm	REF
2	1570	111TP7905



Diameter mm	Length mm	REF
8	4000	111TP7906
8	4500	111TP7907
8	6000	111TP7908
8	6500	111TP7909
8	7000	111TP7910
8	7500	111TP7911



Diameter mm	Length mm	REF
8	7000	111TP7912

PULLEYS

POUILIES - RIEMENSCHEIBEN



Diameter mm	REF
94,5	111TP7913
119	111TP7914
125	111TP7915
178	111TP7916



Diameter mm	Weight kg	REF
80	1000	111TP7917
121	1000	111TP7918
80	1500	111TP7919
121	1500	111TP7920

CAPS

BOUCHONS - DECKEL



- Diameter outer: 100 mm
- Diameter inner: 83 mm
- Height: 34,4 mm

REF 111TP7921

See chapter Universal parts on page 707 for more parts.



PLATFORM PARTS

PIÈCES DE PLATEFORME – PLATTFORMERSATZTEILE



REF 111TP7922 – Length: 31 mm – small
REF 111TP7923 – Length: 35 mm – big



Diameter: 6 mm

REF 111TP7925 – Length: 33 mm
REF 111TP7926 – Length: 39 mm
REF 111TP7927 – Length: 40 mm



REF 111TP7930 – 1000 kg – LH
REF 111TP7931 – 1000 kg – RH
REF 111TP7932 – 1500 kg – LH
REF 111TP7933 – 1500 kg – RH



REF 111TP7938 – P/MTR – DIN: 1/2" – single
REF 111TP7939 – P/MTR – ANSI: 5/8" – single
REF 111TP7940 – 6,40 m – ANSI: 5/8" – single



Diameter: 25 mm

REF 111TP7924 – Length: 29,5 mm



REF 111TP7928 – 1500 kg – LH
REF 111TP7929 – 1500 kg – RH



Anti-corrosion chain

REF 111TP7934 – 1000 kg – P/MTR – 5/8" – 3 x 4000 mm
REF 111TP7935 – 1000 kg – GM – 5/8" – 3 x 4000 mm
REF 111TP7936 – 1500 kg – P/MTR – 5/8" – 4 x 6000 mm
REF 111TP7937 – 1500 kg – GM – 5/8" – 4 x 6000 mm



- Anti-corrosion chain
- ANSI: 5/8"

REF 111TP7941



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



ANSI: 5/8"

[REF 111TP7942](#)



Chain anchor kit

[REF 111TP7944](#)



Diameter: 4,5 mm

[REF 111TP7943](#)



- Length: 125 mm
- Thread: M12

[REF 111TP7945](#)



Length: 181 mm

- [REF 111TP7947](#) – LH
- [REF 111TP7946](#) – RH



- Diameter: 13/18/25 mm
- Length: 70 mm
- Width: 30 mm
- Height: 20 mm

[REF 111TP7948](#)



- Diameter: 10 mm
- Length: 170 mm

[REF 111TP7949](#)



- Diameter: 10 mm
- Length: 170 mm

[REF 111TP7950](#)



PLATFORM PARTS

PIÈCES DE PLATEFORME – PLATTFORMERSATZTEILE



- Length: 67 mm
- Width: 67 mm

[REF 111TP7951](#)



- Length: 80 mm
- Width: 80 mm

REF 111TP7965 – {kit REF 111TP7953 + 111TP7879} LH
REF 111TP8033 – {kit REF 111TP7952 + 111TP7879} RH



- Length: 115 mm
- Width: 40 mm
- Diameter hole: 10 mm

[REF 111TP7956](#)



- Length: 117 mm
- Width: 37 mm

[REF 111TP7957](#)



1



2

- Length: 80 mm
- Width: 80 mm

1. [REF 111TP7953](#) – LH
 2. [REF 111TP7952](#) – RH



Handle

[REF 111TP7955](#)



- Length: 117 mm
- Width: 37 mm
- LH/RH

[REF 111TP7954](#)



- Length: 96,5 mm
- Thread: 56,5 mm
- Thread: M8

[REF 111TP7958](#)



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



- Diameter: 10 mm
- Length: 121 mm

[REF 111TP7967](#)



Complete kit

[REF 111TP7959](#)



- Length: 120 mm
- Width: 69 mm

[REF 111TP7960](#)



- Length: 300 mm
- Width: 51 mm

[REF 111TP7961](#)



- Length: 126 mm
- Width: 100 mm

[REF 111TP7962](#)



- Length: 67 mm
- Width: 67 mm

[REF 111TP7963](#)



- Length: 73 mm
- Diameter: 6 mm

[REF 111TP7964](#)



- Length: 110 mm
- Width: 55 mm

[REF 111TP7966](#)



PLATFORM PARTS

PIÈCES DE PLATEFORME – PLATTFORMERSATZTEILE



- Length: 400 mm
- Width: 250
- § 53b Abs. 5 StVZO
- TÜV/CE with certificate

[**REF 111TP3870**](#)



- Length: 400 mm
- Width: 250 mm
- § 53b Abs. 5 StVZO
- TÜV/CE with certificate

[**REF 111TP1320**](#)



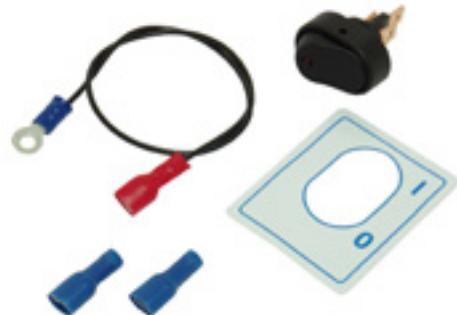
- Length: 300 mm
- Width: 200 mm

[**REF 111TP7970**](#)

See chapter Universal parts on page 708 for more parts.

**ROTARY/PUSH SWITCHES & PARTS**

INTERRUPEURS ROTATIFS/POUSSOIRS & ACCESSOIRES - DREH-/DRUCKSCHALTER & ERSATZTEILE



24 V LED rocker switch kit

[REF 111TP7989](#)**CONTACT ELEMENTS**

BLOCS DE CONTACT - KONTAKTELEMENTE



1 x NO

[REF 111TP7975](#)

1 x NC

[REF 111TP8017](#)

1 x NO

[REF 111TP7976](#)

1 x NC

[REF 111TP7977](#)



MAIN/EMERGENCY SWITCHES & PARTS

COMMUTATEURS DE MAIN/URGENCE & PIÈCES – MAIN/NOTFALL-SCHALTER & TEILE

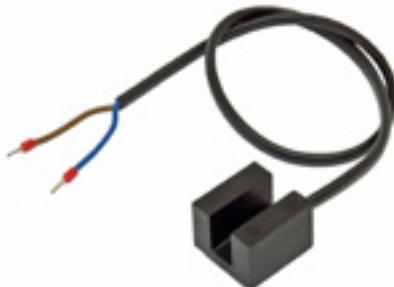


- Amperage: 100/500 A (5 sec)
- 1-pole (2 connections)
- M10

REF [111TP7978](#)

TILT SWITCHES & SENSORS

CAPTEURS & INTERRUPEURS – SENSOREN & SCHALTER



- Dashboard knob
- Length: 560 mm

REF [111TP7988](#)



CONTROL BOXES & PARTS

BOÍTIERS DE CONTRÔLE & ACCESSOIRES - BEDIENKÄSTEN & ERSATZTEILE



2-button

[REF 111TP7979](#)



3-button

[REF 111TP7985](#)



2-button

[REF 111TP7983](#)



3-button

[REF 111TP7984](#)



2 x NO – 1 x NC

[REF 111TP7980](#)



2 x NO – 1 x NC / 1 x NO – 2 x NO

[REF 111TP7987](#)



Black button down

[REF 111TP7982](#)



White button up

[REF 111TP7981](#)



2-position switch

[REF 111TP7986](#)



CONTROLLERS

COMMANDES - BEDIENUNGEN



3 x NO – 1 x NC

[**REF 111TP7972**](#)



3-button with changeover switch

REF 111TP7973 – 1 x NO +
1 x NO –
1 x NO +
1 x NC –
Mafelec

REF 111TP7974 – 1 x NO +
1 x NC –
2 x NO +
2 x NO

See chapter Universal parts on page 712 for more parts.

**SPIRAL CABLES**

CÂBLES SPIRALÉS - SPIRALKABEL



Length mm	Wire size mm ²	REF
1070	3 x 1	111TP7993

See chapter Universal parts on page 718 for more parts.

CONNECTORS & PARTS

CONNECTEURS & ACCESSOIRES - STECKER & ERSATZTEILE



- 7-pole
- DIN 72577
- ISO 1724

[REF 111TP939](#)

- 7-pole
- DIN 72577
- ISO 1724

[REF 111TP947](#)

- Wire size: 35 mm²
- Amperage: 160 A
- SBE160

[REF 111TP4588](#)

- Length: 85 mm
- Width: 84 mm
- Height: 53 mm

[REF 111TP7990](#)

See chapter Universal parts on page 719 for more parts.



FUSES

FUSIBLES - SICHERUNGEN



Mega

Amperage	Colour	REF
100	Black	111TP4729
125	Black	111TP4730
150	White	111TP4731
175	White	111TP4732
200	Blue	111TP4733
225	Beige	111TP4734
250	Black	111TP4735

See chapter Universal parts on page 728 for more parts.

FUSE HOLDERS & PARTS

PORTE-FUSIBLES & ACCESSOIRES - SICHERUNGSHALTER & ERSATZTEILE



Amperage: 200 A

REF [111TP8001](#)



- Length: 32 mm
- Width: 6,3 mm

REF [111TP8002](#)

See chapter Universal parts on page 732 for more parts.

THYRISTORS & DIODES

THYRISTORS & DIODES - THYRISTOREN & DIODEN



6 CC

REF [111TP8004](#)

PLASTIC ENERGY CHAIN

CHAÎNE ENERGÉTIQUE EN PLASTIQUE - KUNSTSTOFF ENERGIEKETTE



Length: 1900 mm

REF [111TP7996](#)



DECALS

AUTOCOLLANTS – AUFKLEBER



- REF [111TP8011](#) – 200 kg
REF [111TP8007](#) – 300 kg
REF [111TP8008](#) – 500 kg
REF [111TP8009](#) – 1000 kg
REF [111TP8010](#) – 1500 kg



REF [111TP8012](#) – 350 kg



Dimensions: 109 x 29,5 mm

REF [111TP8013](#)

See chapter Universal parts on page 735 for more parts.



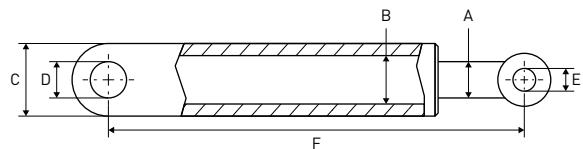
USED ON
SÖRENSEN

USED ON SÖRENSEN



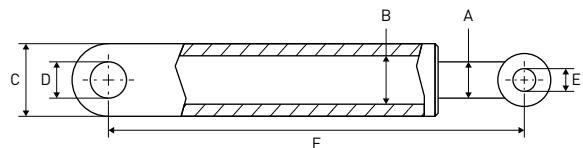
LIFT CYLINDERS

VÉRINS DE LEVAGE - HUBZYLINDER



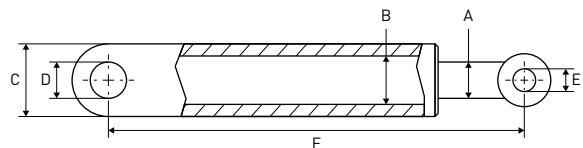
SX1-750/751

A mm	B mm	C mm	D mm	E mm	F mm	REF
			Cylinder	Seal kit		
60	70	80	30	30	460	111TP3876 111TP9353



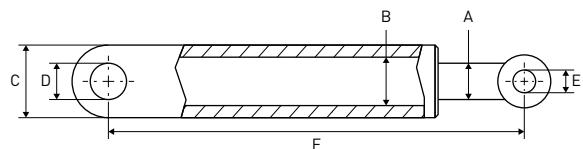
X1-1000

A mm	B mm	C mm	D mm	E mm	F mm	REF
			Cylinder	Seal kit		
63	70	80	35	35	518	111TP3878 111TP3891



X1-1000

A mm	B mm	C mm	D mm	E mm	F mm	REF
			Cylinder	Seal kit		
70	80	90	35	30	522	111TP3877 111TP9354



X1-1501

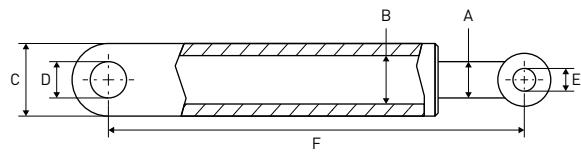
A mm	B mm	C mm	D mm	E mm	F mm	REF
			Cylinder	Seal kit		
80	90	100	40	40	512	111TP8512 111TP9355

USED ON SÖRENSEN



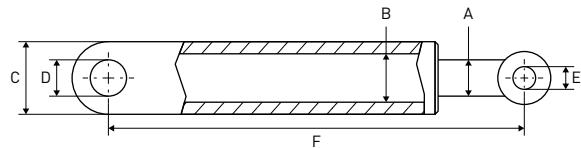
TILT CYLINDERS

VÉRIN D'INCLINAISON – SCHLIESZYLINDER



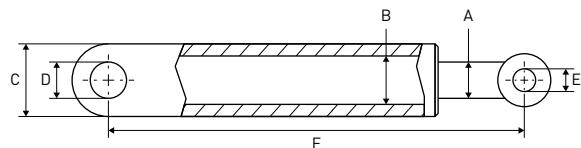
X1-750

A mm	B mm	C mm	D mm	E mm	F mm	REF
			Cylinder	Seal kit		
40	67	80	30	M30	635	111TP8514 111TP9358



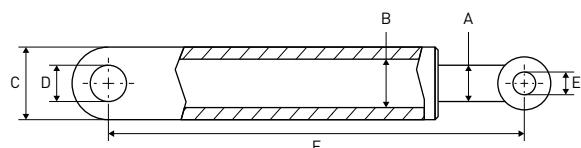
SX1-1001

A mm	B mm	C mm	D mm	E mm	F mm	REF
			Cylinder	Seal kit		
45	80	90	35	35	640	111TP3879 111TP1557



X1-1000

A mm	B mm	C mm	D mm	E mm	F mm	REF
			Cylinder	Seal kit		
45	70	80	35	35	640	111TP3880 111TP9356



X1-1500

A mm	B mm	C mm	D mm	E mm	F mm	REF
			Cylinder	Seal kit		
45	80	90	35	35	640	111TP3881 111TP9357



PISTON RODS

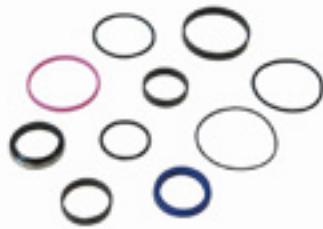
TIGES DE PISTON - KOLBENSTANGEN



A mm	B mm	C mm	Info	REF
63	418	35	Used on cylinder REF 111TP3878	111TP3882
70	440	30	Used on cylinder REF 111TP3877	111TP3883

SEAL KITS

KITS DE JOINTS - DICHTUNGSSÄTZE



Diameter: 40/70 mm

[REF 111TP3884](#)



Diameter: 45/70 mm

[REF 111TP3886](#)



Diameter: 50/60 mm

[REF 111TP3888](#)



Diameter: 40/70 mm

[REF 111TP3885](#)



Diameter: 45/80 mm

[REF 111TP3887](#)



Diameter: 60/70 mm

[REF 111TP3889](#)

USED ON SÖRENSEN



SEAL KITS

KITS DE JOINTS – DICHTUNGSSÄTZE



Diameter: 63/73 mm

[REF 111TP3890](#)



Diameter: 63/75 mm

[REF 111TP3891](#)



Diameter: 70/80 mm

[REF 111TP3892](#)



Diameter: 70/80 mm

[REF 111TP3893](#)



Diameter: 80/45 mm

[REF 111TP3894](#)



Diameter: 55/90 mm

[REF 111TP9925](#)



Diameter: 45/90 mm

[REF 112TP5912](#)



Diameter: 40/70 mm

[REF 112TP9427](#)

**O-RINGS**

JOINTS TORIQUES - O-RINGE



Diameter mm	REF
40,64 x 5,33	111TP3895
47 x 5,33	111TP3896



Diameter mm	REF
77,5 x 2,62	111TP8515

See chapter Universal parts on page 694 for more parts.**CU-SEALS**

JOINTS CU - CU-DICHTUNGEN



Diameter mm	For thread	REF
14,7 x 22 x 1,5	M14	111TP3898
16,7 x 24 x 1,5	M16	111TP3899
18,7 x 26 x 1,5	M19	111TP3900

See chapter Universal parts on page 695 for more parts.

USED ON SÖRENSEN

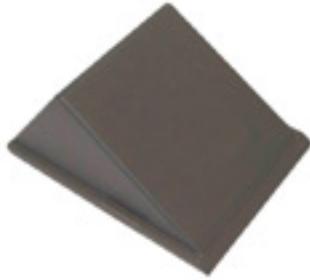


COVERS

COUVERCLES - ABDECKUNGEN



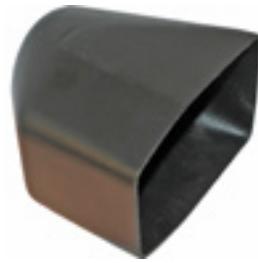
Length mm	Height mm	Width mm	kW	REF
290	275	255	3	111TP3901



Length mm	Height mm	Width mm	REF
315	140	255	111TP3902



Length mm	Height mm	Width mm	Info	REF
210	170	160	X1-1000	111TP3903



Info	REF
X1-FAX1000	112TP8991



Length mm	Height mm	Width mm	REF
290	255	265	112TP4776

USED ON SÖRENSEN

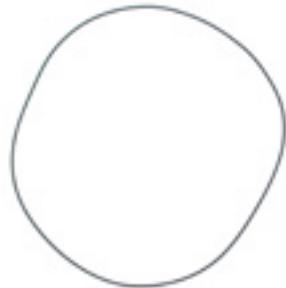


TANKS & OIL RESERVOIRS

RÉSERVOIRS (D'HUILE) - TANKS & ÖLBEHÄLTER



Length mm	Height mm	Width mm	REF
245	150	150	111TP3904



Diameter mm	REF
247 x 2	111TP3897



Length mm	Height mm	Width mm	Diameter mm	Info	REF
200	175	165	188	X1A	111TP3905



Length mm	Diameter mm	REF
212	82	111TP9926



Info	REF
FAS 1000	112TP8629



Info	REF
Oil level stick with pipeline	111TP8517



FILTERS & BREATHERS

FILTRES & RENIFLARDS - FILTER & ENTLÜFTER



- Diameter: 63 mm
- 104 µ

[REF 111TP8518](#)



Diameter: 66,5 mm

[REF 111TP8519](#)

DRAIN PLUGS

BOUCHONS DE VIDANGE - ABLASSSCHRAUBEN



Thread: 3/8"

[REF 111TP3906](#)

USED ON SÖRENSEN



ELECTRIC MOTORS

MOTEURS ÉLECTRIQUES – ELEKTROMOTOREN



Voltage	kW	Rotation	REF
12	0,8	<< CCW	111TP3907
24	1,2	<< CCW	111TP3908



Voltage	kW	Rotation	REF
12	2,0	<< CCW	111TP3909
24	2,0	<< CCW	111TP3910



Voltage	kW	Rotation	REF
24	2,0	<< CCW	111TP3911



Voltage	kW	Rotation	REF
24	2,0	<< CCW	111TP8521



Voltage	kW	Rotation	REF
24	2,0	<< CCW	111TP8522



Voltage	kW	Rotation	REF
24	2,1	<< CCW	111TP8523



Voltage	kW	Rotation	REF
24	2	CW >>	111TP8524



Voltage	kW	Rotation	REF
24	1,8	<< CCW	111TP8525

See chapter Universal parts on page 735 for more parts.



HYDRAULIC PUMPS

POMPES HYDRAULIQUES – HYDRAULIKPUMPEN



CC	Rotation	REF
0,8	CW >>	111TP3912



CC	Rotation	Info	REF
1	CW >>		111TP3913
1,2	CW >>		111TP3914
2	CW >>		111TP3915
1,7	CW >>	HYDEM version	111TP9927



CC	Rotation	REF
1,25	CW >>	111TP9211
2,5	CW >>	112TP4094

See chapter Universal parts on page 699 for more parts.



SOLENOID SWITCHES/CONTACTORS

SOLÉNOÏDES/CONTACTEURS – MAGNETSCHALTER/SCHÜTZE

	Amperage	REF	
		12 V	24 V
	80		111TP2063
	100	111TP3916	111TP3917
	200	111TP3919	111TP3920
	150		111TP3918

See chapter Universal parts on page 701 for more parts.

COUPLERS

COUPLEURS – KUPPLUNGEN



Diameter mm	Height mm	REF
18	14,5	111TP9928

See chapter Universal parts on page 702 for more parts.

USED ON SÖRENSEN



BRUSHES

BALAIS – KOHLEBÜRSTEN



Dimensions: 12,8 x 7,3 x 19,2 mm

REF 111TP5051 – Voltage: 12 V

REF 111TP3921 – Voltage: 24 V

GUMMY ELEMENT

ÉLÉMENT CAOUTCHOUC – GUMMIELEMENTE



- Diameter: 80/94 mm
- Height: 40 mm

REF 111TP3922

USED ON SÖRENSEN



HOSES

TUYAUX – SCHLÄUCHE



Hose diameter		Length mm	Fitting 1 mm	Fitting 2 mm	Info	REF
Inch	mm					
3/8	9,5	450	M18 x 1,5	M18 x 1,5	-40–100 °C	111TP8526
3/8	9,5	750	M18 x 1,5	M18 x 1,5	-40–100 °C	111TP3923
3/8	9,5	800	M18 x 1,5	M18 x 1,5	-40–100 °C	111TP3924
3/8	9,5	900	M18 x 1,5	M18 x 1,5	-40–100 °C	111TP3925
3/8	9,5	2000	M18 x 1,5	M18 x 1,5	-40–100 °C	111TP3926



Hose diameter		Length mm	Fitting 1 mm	Fitting 2 mm	Info	REF
Inch	mm					
1/4	6,4	450	M18 x 1,5	M18 x 1,5	-40–100 °C	111TP8354
3/8	9,5	2000	M18 x 1,5	M18 x 1,5	-40–100 °C	111TP3927
5/16	7,9	2150	ETM 12	ETM 12	-40–100 °C	1123171G
1/4	6,4	1280			-40–100 °C	1123120G
3/8	9,5	2000			-40–100 °C	1123119

USED ON SÖRENSEN



SOLENOID VALVES

ÉLECTROVANNES - MAGNETVENTILE

	Type	Diameter nose mm	Thread	REF	
				12 V	24 V
	4/2	13,8	M20 x 1,5	111TP3928	111TP3929
	2/2	15	M20 x 1,5	111TP3930	111TP3931
	4/2	14	M20 x 1,5	111TP9929	111TP9929
	3/4	12,7		112TP9303	

CARTRIDGES

CARTOUCHES - PATRONEN

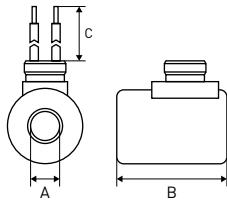
	Type	Diameter nose mm	Thread	REF
	4/2	13,8-15,3-16,9	M20 x 1,5	111TP8464
	2/2	15	M20 x 1,5	111TP8463

USED ON SÖRENSEN

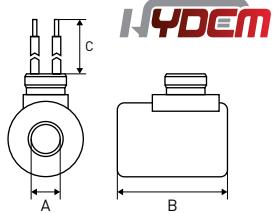


COILS

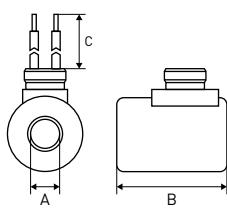
BOÎNES - SPULEN



Voltage	A mm	B mm	C mm	REF
12	18	40	3000	111TP3932
24	18	40	3000	111TP3933



Voltage	A mm	B mm	C mm	Info	REF
12	18	40	4000	Removable cable	111TP8527
24	18	40	4000	Removable cable	111TP8528



Voltage	A mm	B mm	C mm	REF
12	18	40	420	111TP3934
24	18	40	420	111TP3935

VALVE BLOCKS

BOÎTIERS À SOUPAPES - VENTILBLÖCKE



1

- Length: 90 mm
- Width: 90 mm



2

- REF [111TP8520](#) - X1-750
- REF [111TP8529](#) - X1-1000



- Length: 186 mm
- Width: 49 mm

REF [111TP8530](#)

VALVES & SWITCHES

SOUPAPES & INTERRUPEURS - VENTILE & SCHALTER



- Length: 3000 mm
- Thread: M10 x 1 mm
- X1A - SX1

REF [111TP3936](#)

USED ON SÖRENSEN

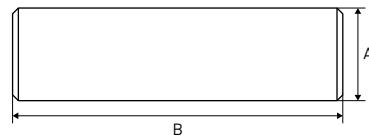


PINS

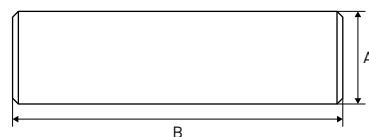
AXES - ACHSEN



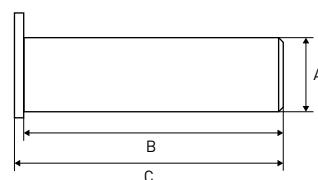
A mm	B mm	REF
30	100	111TP3937
35	117	111TP3938



A mm	B mm	REF
30	95	112TP8590
30	115	112TP5872
30	125	111TP3939



A mm	B mm	REF
35	135	111TP3940



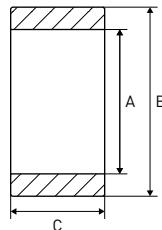
A mm	B mm	REF
30	165	111TP3941
35	125	111TP3942
35	130	111TP3943
35	185	111TP3944

USED ON SÖRENSEN

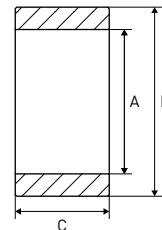


PLATFORM ROLLERS

GALETS DE HAYON - PLATTFORMROLLEN



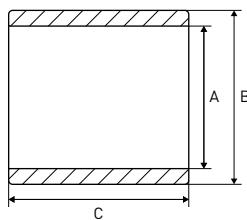
A mm	B mm	C mm	REF
30	80	45	111TP3945
45	80	46	111TP3946



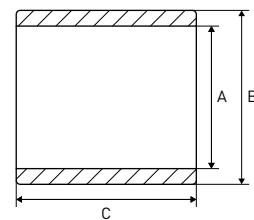
A mm	B mm	C mm	REF
20	78	25/28	111TP3947

BUSHINGS

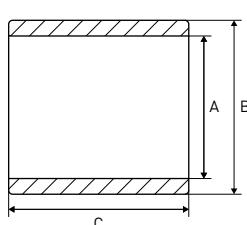
BAGUES - BUCHSEN



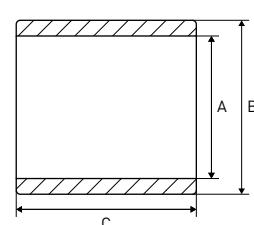
A mm	B mm	C mm	REF
30	35	40	111TP3948
30	35	50	111TP3949
30	35	65	111TP3950
35	40	40	111TP3951
35	40	50	111TP3952
35	40	65	111TP3953



A mm	B mm	C mm	REF
41,5	40	19	112TP5817



A mm	B mm	C mm	REF
35	40	65	112TP5817
40	45	80	111TP3954
41,5	30	30	112TP4846



A mm	B mm	C mm	REF
16	20	32	111TP3955

See chapter Universal parts on page 705 for more parts.



SPRINGS & GAS SPRINGS

RESSORTS & VÉRINS À GAZ - FEDERN & GASDRUCKFEDERN



Diameter mm	Dimensions mm	REF
4	64 x 132	111TP3957

See chapter Universal parts on page 707 for more parts.

CAPS

BOUCHONS - DECKEL



Diameter: 114,3 mm

[REF 111TP3958](#)



Diameter: 83 mm

[REF 111TP3959](#)



[REF 112TP3951](#)

See chapter Universal parts on page 707 for more parts.

PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



- Dimensions: 250 x 400 mm
- § 53b Abs. 5 StVZO
- TÜV/CE with certificate

[REF 111TP3960](#)



- Dimensions: 250 x 400 mm
- § 53b Abs. 5 StVZO
- TÜV/CE with certificate

[REF 111TP1320](#)

See chapter Universal parts on page 708 for more parts.

**ROTARY/PUSH SWITCHES & PARTS**

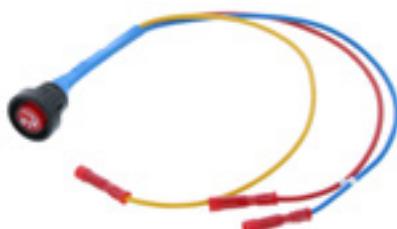
INTERRUPEURS ROTATIFS/POUSSOIRS & ACCESSOIRES - DREH-/DRUCKSCHALTER & ERSATZTEILE



Voltage: 12 V

REF [111TP8168](#)

- Voltage: 24 V
- S4/SX1

REF [111TP5018](#)

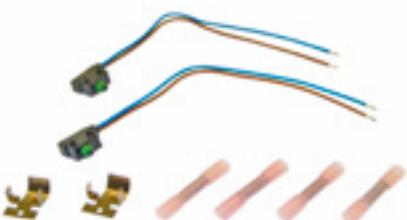
Length: 325 mm

REF [111TP8532](#)

Dimensions: 35 x 22 mm

REF [111TP8533](#)**LIMIT/MICRO SWITCHES**

INTERRUPEURS DE FIN DE COURSE/MICRORUPTEURS - END-/MIKROSCHALTER

**REF [111TP3969](#)****See chapter Universal parts on page 711 for more parts.**



MICROSWITCHES WITH CABLE

MICRORUPTEURS AVEC CÂBLE – MIKROSCHALTER MIT KABEL



Voltage	Amperage	Length mm	IP	REF
250	5	500	66	111TP8544



Voltage	Amperage	Length mm	IP	REF
250	5	1500	66	111TP3974



Voltage	Amperage	Length mm	REF
250	5	300	111TP3975



SENSORS & SWITCHES

CAPTEURS & INTERRUPEURS - SENSOREN & SCHALTER



- Height: 4100 mm
- X1

REF [111TP3973](#)



X1 - 1000

REF [111TP8543](#)



4-wire tilt sensor

REF [112TP8536](#)



- Inclination sensor tray
- 4-wire harness
- X1A0750 – X1A750

REF [112TP8591](#)



- 5-wire platform sensor
- X1A750-X1A750

REF [112TP6224](#)



CONTROL BOXES & PARTS

BOÎTIERS DE CONTRÔLE & ACCESSOIRES – BEDIENKÄSTEN & ERSATZTEILE



Voltage: 12/24 V

[REF 111TP3970](#)



X1A serie - 7

[REF 111TP9930](#) – Voltage: 12 V

[REF 111TP9931](#) – Voltage: 24 V



X1A serie - 6

[REF 111TP3971](#) – Voltage: 12 V

[REF 111TP3972](#) – Voltage: 24 V



With key

[REF 111TP8534](#) – Voltage: 12 V

[REF 111TP8535](#) – Voltage: 24 V



Voltage: 12/24 V

[REF 111TP8536](#)



Voltage: 12/24 V

[REF 111TP8537](#)



- Voltage: 12/24 V
- With key

[REF 111TP8538](#)



- With key
- X1 Serie - 10

[REF 111TP8539](#)



USED ON SÖRENSEN

CONTROL BOXES & PARTS

BOÎTIERS DE CONTRÔLE & ACCESSOIRES - BEDIENKÄSTEN & ERSATZTEILE



- Voltage: 12/24 V
- X1 - 1000

[REF 112TP5018](#)



- Voltage: 12/24 V
- K1

[REF 112TP8599](#)



Voltage: 24 V

[REF 112TP5843](#)



Serie 9

[REF 112TP8595](#)



- Length: 50 mm
- Width: 43 mm
- Height: 130 mm

[REF 111TP8540](#)



- Voltage: 12 V
- X1A0500/75

[REF 112TP5618](#)



X1FA

[REF 112TP6110](#)



- Voltage: 24 V
- UA/UAM

[REF 112TP6112](#)



DHSMR 80

[REF 112TP6338](#)



- Diameter: 12 x 18 mm
- Thread: SLW 17

[REF 111TP8542](#)

USED ON SÖRENSEN



CONTROLLERS

COMMANDES – BEDIENUNGEN



HYDEM



Operate your tail lift with our high-quality hand controls available in 2-button configuration.

Your benefits:

- Maximum comfort, high productivity
- Unique ergonomic design
- Easy push system
- With magnet and ring for easy handling
- Rubber shock absorber
- Usable in cold and wet environments

Applications:

Tail lifts, winches, cranes to name a few

Specifications:

- Protection (IP): IP44 according to EN 60 529
- Contact type: Mafelec (push button)
- Max amperage: 10 A
- Operating temperature: -25 °C up to 60 °C
- Material: ABS plastic with rubber buffer
- Cable: polyurethane 3,5 metres working length

Available colours:

Orange, yellow, green, red and blue

Available in different colours and in 2-button configuration.

Ask for your quantity discount. All models are equipped with Mafelec switches.

2-button hand controls with cable and connector

Make	Colour	REF
Sörensen	Green	111TP5198

2-button hand controls without cable

Colour	REF
Orange	111TP5214
Blue	111TP5215
Red	111TP5216
Yellow	111TP5217
Green	111TP5218

CONTROLLERS

COMMANDES – BEDIENUNGEN



HYDEM

- 2 x NO
- Mafelec switch

REF [111TP8092](#)



HYDEM

- 1 x NO + 1 x NC
- Mafelec switch

REF [111TP8093](#)

See chapter Universal parts on page 712 for more parts.



FOOT CONTROLLERS & PARTS

COMMANDES AU PIED & ACCESSOIRES - FUSSSCHALTER & ERSATZTEILE



- Length: 500 mm
- Lift

[REF 111TP3964](#)

- Length: 500 mm
- Lower

[REF 111TP3965](#)

Dimensions: 315 x 64 mm

[REF 111TP3966](#)

Service kit foot control unit

[REF 111TP3967](#)

Diameter: 32 x 15 mm

[REF 111TP3968](#)

Diameter: 37 mm

[REF 111TP8531](#)

1 key

[REF 111TP8545](#)


1 key + pendant

[REF 111TP9359](#)



VARIOUS CONTROLLER PARTS

DIVERSES PIÈCES DE COMMANDE - WEITERE BEDIENUNG-ERSATZTEILE



- Diameter: 29 mm
- Length: 52 mm

REF [111TP3976](#)



Magnetic contact holder
(U-shaped key)

REF [112TP5625](#)



CABLES & PARTS

CÂBLES DE BATTERIE - KABEL & ERSATZTEILE



Length: 2100 mm

[REF 111TP8548](#)



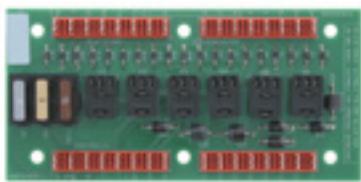
Length: 5030 mm

[REF 111TP8549](#)



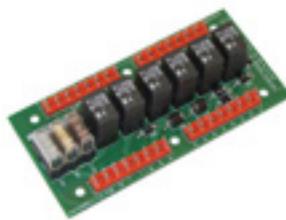
PRINTED CIRCUIT BOARDS/CONTROLLERS

CIRCUITS IMPRIMÉS/COMMANDES – LEITERPLATTEN/BEDIENUNGEN



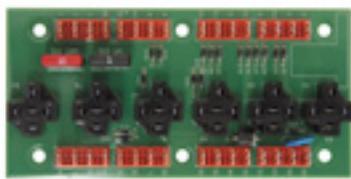
Voltage: 12/24 V

[REF 111TP8196](#)



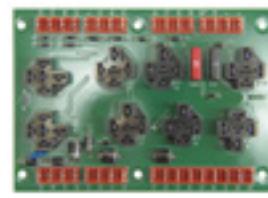
[REF 111TP1912](#) – Voltage: 12 V

[REF 111TP3978](#) – Voltage: 24 V



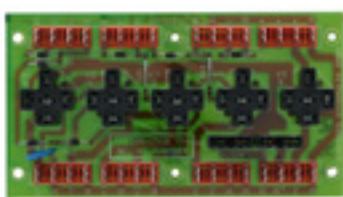
- X1
- 750 kg

[REF 111TP3980](#)



AST 1508-5008

[REF 111TP3981](#)



AST 1008

[REF 111TP8546](#)



[REF 111TP8547](#)



[REF 111TP3979](#)



UA/UAM

[REF 112TP5761](#)



UA/UAM

[REF 112TP5906](#)



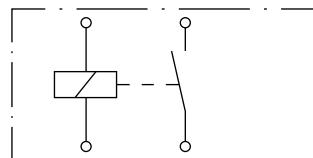
Switch service board

[REF 112TP5622](#)

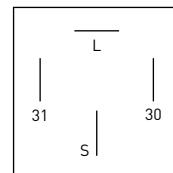


RELAYS

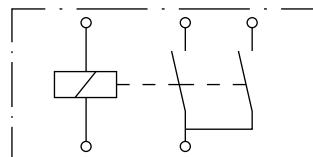
RELAIS – RELAIS



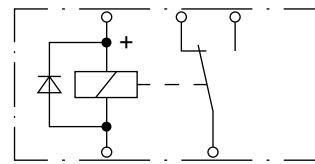
Voltage	Amperage	REF
12	20	111TP3982
24	20	111TP3983



Voltage	Amperage	REF
12/24	30	111TP3984



Voltage	Amperage	REF
24	15	111TP3985



Voltage	Amperage	REF
24	20	111TP3986

See chapter Universal parts on page 727 for more parts.



DECALS

AUTOCOLLANTS - AUFKLEBER



- Length: 160 mm
- Width: 75 mm

REF [111TP3987](#)

See chapter Universal parts on page 735 for more parts.





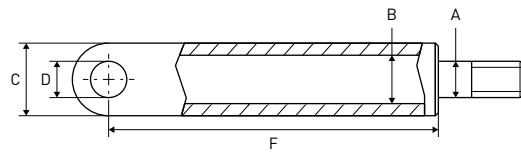
USED ON
ZEPRO MAMMUT LIFT

USED ON ZEPRO MAMMUT LIFT

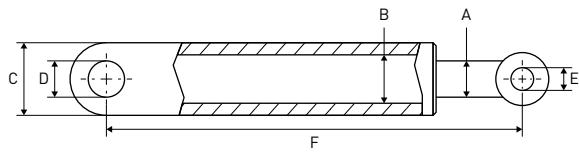


LIFT CYLINDERS

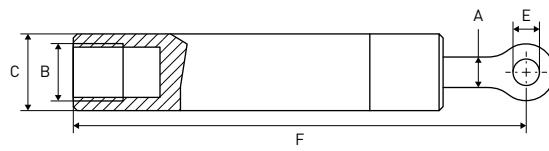
VÉRINS DE LEVAGE - HUBZYLINDER



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
45	70	80	30	M35 x 2	460	BZ/RZ-150 S (long bus) SZH/SZD-150 S	111TP3988	111TP4032
45	70	80	30	M35 x 2	460	BZX/RZX-150/200 (short bus)	111TP3989	111TP4032



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
45	70	80	30	M35 x 2	554	BZX/RZX-150/200 (short bus)	111TP9392	111TP4032
45	70	80	30	M35 x 2	554	SE45X70 C285 EA554	111TP9393	111TP4032
45	65	75	30	30	640		112TP6211	111TP4032
45	80	90	30	30	600	SZH	112TP9947	111TP4032



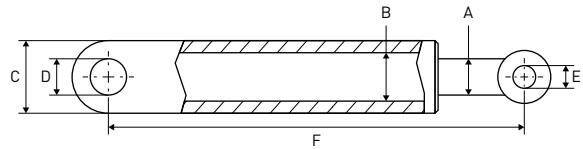
A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
35	65	75			510		112TP9949	111TP4026
45	80	90	30	30	520		112TP9948	
35	65	75	30	30	523	Z-200-135, ZS/ ZD-150/200-135	111TP3992	111TP4026
35	55	65	30	30	526	Z/ZL-150-135 MA, DA	111TP3990	111TP4025
45	80	90	30	30	590		112TP5948	112TP6207
35	65	75	30	30	628	Z-200-155, ZS/ ZD-150/200-155	111TP3993	111TP4026
45	70	80	30	30	628	Z/ZS/ZSS-250-155	111TP3995	111TP4034
35	55	65	30	30	633	Z/ZL-150-135 MA, DA	111TP3991	111TP4025
35	65	75	30	30	750	Z-200-175, ZS/ ZD-150/200-175	111TP3994	111TP4026

USED ON ZEPRO MAMMUT LIFT

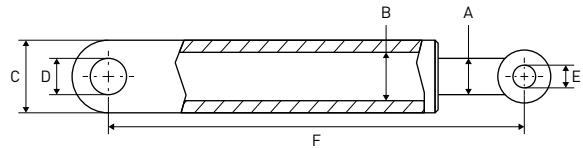


LIFT CYLINDERS

VÉRINS DE LEVAGE – HUBZYLINDER



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
35	55	65	30	30	408	Z/ZL/ZN(U) 45/75-90	111TP7690	111TP4025
40	65	75	30	30	525	ZHD-200-135	111TP7691	111TP4036
40	65	75	30	30	580	ZHD-200-175	111TP7692	111TP4036
45	70	80	30	30	580	Z/ZS/ZSS-250-135	111TP7693	111TP4034
45	70	80	30	30	810		112TP1544	111TP4030



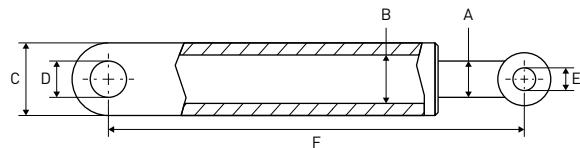
A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
35	55	65	25	25	470	ZLU-75-110	111TP7729	111TP4025
45	80	90	30	30	545	ZT25/140	112TP5949	111TP4036
45	70	80	30	30	630		112TP6031	111TP4034
35	55	65	25	25	639	RZLU/RZNU 75-90/110	111TP9396	111TP4023
45	70	80	22	22	640	RZ-10 / HZ-5S,T	111TP7730	111TP4034

USED ON ZEPRO MAMMUT LIFT

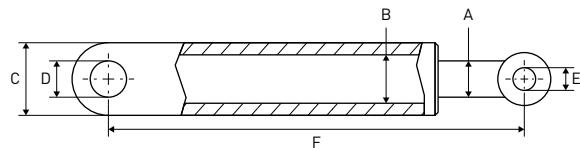


TILT CYLINDERS

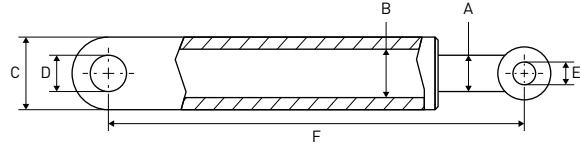
VÉRIN D'INCLINAISON - SCHLIESSZYLINDER



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
45	70	80	30	30	626	BZ/RZ-10/15-149 S	111TP4012	111TP4030
45	70	80	30	30	790	BZ/RZ-10/15-149 S	111TP4013	111TP4030



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
45	70	80	30	M35 x 2	460	BZ/RZ-150-135S(A)/155S(A)	111TP3997	111TP4032
45	80	90	30	M35 x 2	455	BZX/RZX-200-135S/155S/175S	111TP3998	111TP4035
45	80	90	30	M35 x 2	470	SZH/SZKH-150-155L	111TP3999	111TP4035
45	80	90	30	M35 x 2	503	BZX/RZX-200-135A/155A/175A	111TP7695	111TP4035



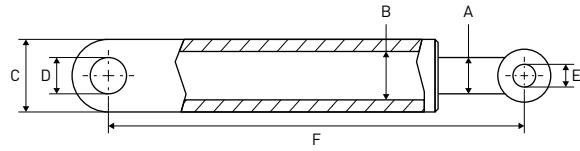
A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
45	80	90	30	30	700	Z/ZS/ZSS-150/200-135	111TP4000	111TP4038
45	80	90	30	30	820	Z/ZS/ZSS-150/200-155	111TP4001	111TP4038
45	80	90	30	30	820	Z/ZS/ZSS-150/200-155 Cylinder complete with bellows	111TP9397	111TP4038
45	80	90	30	30	845	BZX/RZX-200-135S/155S/175S	111TP9399	111TP4038
45	90	100	30	30	820	Z/ZS/ZSS-250-155	111TP4002	111TP4040
45	80	90	30	30	940	Z200-175	111TP4003	111TP4038

USED ON ZEPRO MAMMUT LIFT

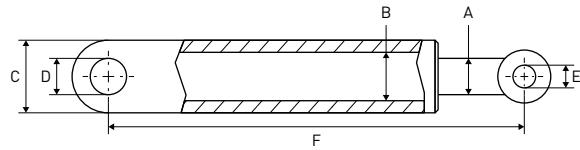


TILT CYLINDERS

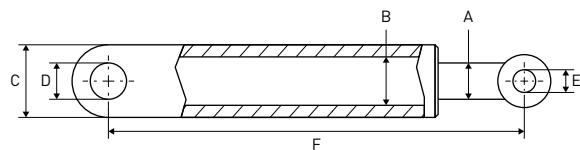
VÉRIN D'INCLINAISON – SCHLIESZYLINDER



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
40	80	90	30	30	824	BZ/RZ 20-152 (S)	111TP4004	111TP4036
45	70	80	30	30	730	BZ/RZ 10/15-130	111TP4006	111TP4031
45	70	80	30	30	855	BZ/RZ 10/15-149	111TP4007	111TP4031
45	80	90	30	30	905	1H CC87	111TP7699	111TP4036



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
45	80	90	30	30	740	BZ/RZ 10/15-149	111TP4005	111TP4030
45	80	90	30	30	750	BZ/RZ 20-151/152	111TP4008	111TP4036
45	80	90	30	30	833	BZ/RZ 20-152 T	111TP9401	111TP4039



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
35	55	65	25	25	490	Z/ZL/ZN(U) 45/75-90	111TP7694	111TP4025
35	55	65	25	25	530	Z/ZU 45/75-90 (S) ZL/ZLU 45/75-90 (S) ZN/ZNU 45/75-90 (S)	111TP4011	111TP4025
35	55	65	25	25	621	Z/ZU 45/75-110 (SA) ZL/ZLU 45/75-110 (SA) ZN/ZNU 45/75-110 (SA)	111TP4010	111TP4025
35	55	65	25	25	640		112TP5800	
35	55	65	25	25	644	Z/ZU 45/75-110 (S) ZL/ZLU 45/75-110 (S) ZN/ZNU 45/75-110 (S)	111TP4009	111TP4025
35	55	65	25	25	650	RZLU/URZNU 75-90/110 RZLU/URZNU 45-90/110 RZC/CZN 45/75-90/110 RZ/RZL 45/75-90/110	112TP9950	111TP4023

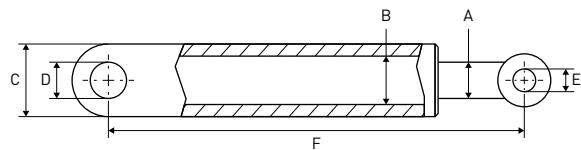
USED ON ZEPRO MAMMUT LIFT



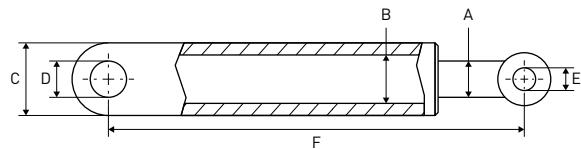
CYLINDERS - VÉRINS/CYLINDRES - ZYLINDER

TILT CYLINDERS

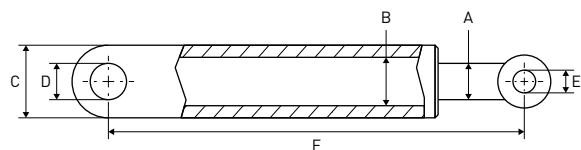
VÉRIN D'INCLINAISON - SCHLIESSZYLINDER



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
45	80	90	30	30	785	BZ/RZ-200-135T	111TP7696	111TP4035



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
45	80	90	30	30	788	SZT-150/200	111TP7698	111TP4037
45	80	90	30	30	845	ZS/ZSS-150/200-155	111TP7697	111TP4035
45	80	90	30	30	845	DE45X80 C75 EA845 Cylinder HYDEM left & right	111TP9403	111TP9391
45	80	90	30	30	965	Cylinder HYDEM	111TP9404	111TP9391



A mm	B mm	C mm	D mm	E mm	F mm	Info	REF	
							Cylinder	Seal kit
45	70	80	30	30	810	RZ-10-135 S / HZ-5-120 S	111TP9908	111TP4030

USED ON ZEPRO MAMMUT LIFT



PRESSURE EXCHANGERS

ÉCHANGEURS DE PRESSION – DRUCKÜBERSETZER



1



2

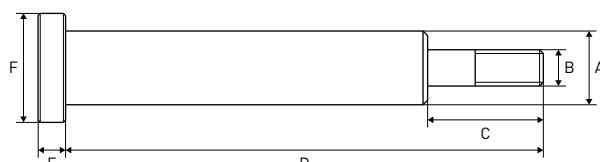
Fig	Diameter mm	Length mm	REF	
			Cylinder	Seal kit
1	40/80	290	111TP4015	111TP9511
2	40/80	350	111TP4014	111TP4028

USED ON ZEPRO MAMMUT LIFT

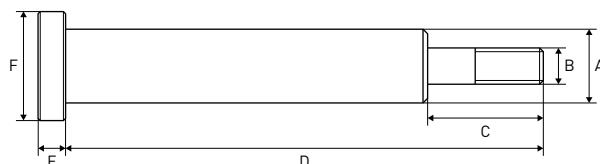


PISTON RODS

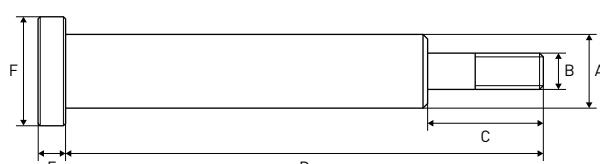
TIGES DE PISTON - KOLBENSTANGEN



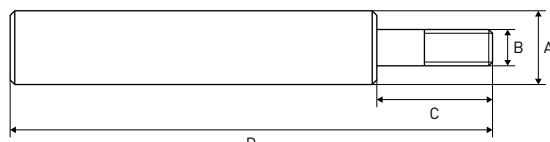
A mm	B mm	C mm	D mm	E mm	F mm	REF
45	M24	80	355	45	68	111TP4016



A mm	B mm	C mm	D mm	E mm	F mm	REF
45	M24	80	406	45	68	111TP4017



A mm	B mm	C mm	D mm	E mm	F mm	REF
40	M24	80	495	45	78	111TP7731



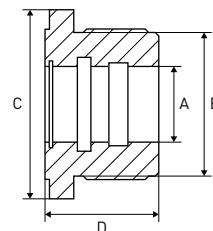
A mm	B mm	C mm	D mm	REF
35	M33	30	410	111TP4018

USED ON ZEPRO MAMMUT LIFT



CYLINDER HEADS

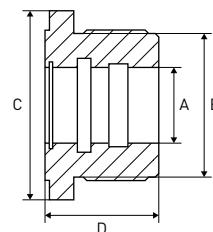
CULASSES – ZYLINDERKÖPFE



	A mm	B mm	C mm	D mm	REF
	36	65	75	40	111TP4019
	45	80	80	35	111TP4020

CYLINDER HEADS

CULASSES – ZYLINDERKÖPFE



	A mm	B mm	C mm	D mm	REF
	45	70	70	35	111TP4021
	41	82	82	30	111TP7732
	46	72	72	30	111TP7733

USED ON ZEPRO MAMMUT LIFT



PISTONS

PISTONS - KOLBEN

	Outer diameter mm	Inner diameter	Height	Info	REF
	65	31	45	SA/EW	111TP4022

USED ON ZEPRO MAMMUT LIFT



SEAL KITS

KITS DE JOINTS – DICHTUNGSSÄTZE



Diameter: 35/55 mm

[REF 111TP4023](#)



- Diameter: 35/55 mm
- Info: Z-serie

[REF 111TP4025](#)



- Diameter: 40/65 mm
- Info: ZV50

[REF 111TP4027](#)



- Diameter: 40/90 mm
- Info: BZZ

[REF 111TP4029](#)



Diameter: 45/70 mm

[REF 111TP4031](#)



Diameter: 35/55 mm

[REF 111TP4024](#)



- Diameter: 35/65 mm
- Info: Z-serie

[REF 111TP4026](#)



Diameter: 40/80 mm

[REF 111TP4028](#)



Diameter: 45/70 mm

[REF 111TP4030](#)



Diameter: 45/70 mm

[REF 111TP4032](#)

USED ON ZEPRO MAMMUT LIFT



SEAL KITS

KITS DE JOINTS - DICHTUNGSSÄTZE



Diameter: 45/70 mm

[REF 111TP4033](#)



Diameter: 45/70 mm

[REF 111TP4034](#)



- Diameter: 45/70 mm
- Info: Z-serie

[REF 111TP4035](#)



Diameter: 45/80 mm

[REF 111TP4036](#)



- Diameter: 45/80 mm
- Info: BZZ

[REF 111TP4037](#)



- Diameter: 45/80 mm
- Info: Z-serie

[REF 111TP4038](#)



- Diameter: 45/90 mm
- Info: BZ/RZ/RZL

[REF 111TP4039](#)



- Diameter: 45/90 mm
- Info: Z-serie

[REF 111TP4040](#)



- Diameter: 119,4 mm
- Hydro unit

[REF 111TP4041](#)



- Diameter: 17,3 x 2,4 mm
- Hydro unit

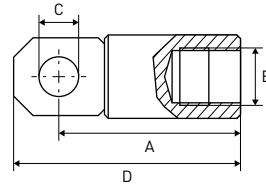
[REF 111TP4042](#)

USED ON ZEPRO MAMMUT LIFT



ROD ENDS

ROTULES - GELENKKÖPFE



A mm	B mm	C mm	D mm	REF
74	M35	30	100	111TP4056

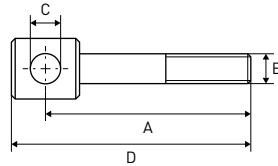


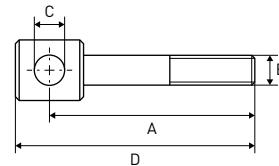
Fig	A mm	B mm	C mm	D mm		REF
1	187	M24	30	217		111TP4057
2	187	M24	30	217		111TP9405

USED ON ZEPRO MAMMUT LIFT

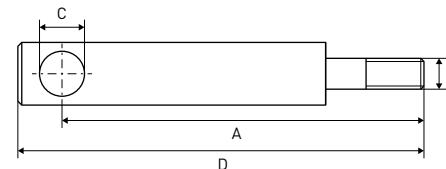


EXTENSIONS

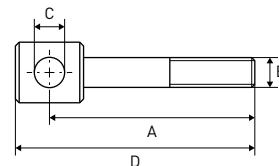
EMBOUTS - VERLÄNGERUNG



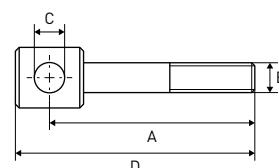
A mm	B mm	C mm	D mm	Thread	REF
85	M20 x 2	30	110	B: external	111TP4043
190	M20 x 2	30	218	B: external	111TP4044
310	M20 x 2	30	350	B: external	111TP4045



A mm	B mm	C mm	D mm	Thread	REF
198	M25	28	220	B: internal	111TP9909
260	M35	30	285	B: internal	111TP4047
380	M35	30	405	B: internal	111TP4046
500	M35	30	525	B: internal	111TP4048
658	M35	30	685	B: internal	111TP4049



A mm	B mm	C mm	D mm	Thread	REF
340	M45	30	370	B: external	111TP4050
463	M45	30	486	B: external	111TP4051
580	M45	30	608	B: external	111TP4052



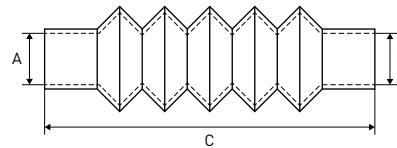
A mm	B mm	C mm	D mm	Thread	REF
93	M24	25	116	B: internal	111TP4053
112	M25	25	135	B: internal	111TP4054
173	M25	25	195	B: internal	111TP4055

USED ON ZEPRO MAMMUT LIFT

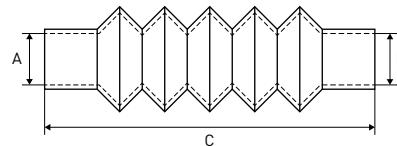


DUST COVERS

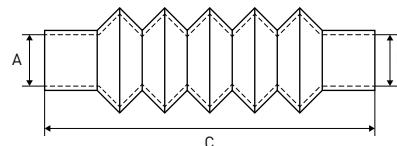
CACHE-POUSSIÈRE – STAUBKAPPE



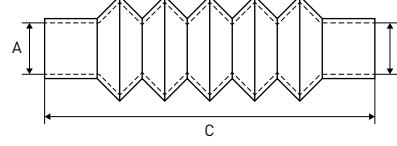
Diameter		Length	REF		
A mm	B mm	Min – C – max mm	Cover	Clamp 1	Clamp 2
30	65	80 – 140 – 245	111TP4058	111TP5019	111TP5004



Diameter		Length	REF		
A mm	B mm	Min – C – max mm	Cover	Clamp 1	Clamp 2
30	70	60 – 130 – 180	111TP5128	111TP5019	111TP5004



Diameter		Length	REF		
A mm	B mm	Min – C – max mm	Cover	Clamp 1	Clamp 2
35	70	100 – 190 – 290	111TP4060	111TP5003	111TP4999



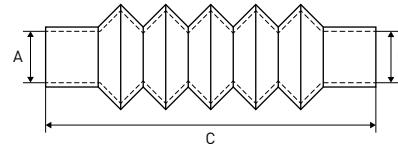
Diameter		Length	REF		
A mm	B mm	Min – C – max mm	Cover	Clamp 1	Clamp 2
45	90	120 – 265 – 420	111TP4061	111TP4999	111TP4921
45	70	185 – 205 – 230	112TP5935		

USED ON ZEPRO MAMMUT LIFT



DUST COVERS

CACHE-POUSSIÈRE - STAUBKAPPE



Diameter		Length	REF		
A mm	B mm	Min - C - max mm	Cover	Clamp 1	Clamp 2
45	90	80 - 160 - 320	111TP4062	111TP4916	111TP4921



Info: Z-150/200 series

[REF 111TP4063](#)

Info: Z-75 series

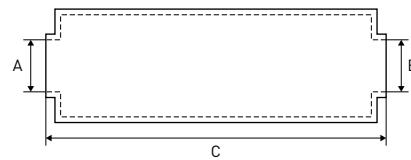
[REF 111TP7700](#)

USED ON ZEPRO MAMMUT LIFT

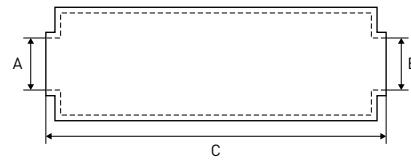


PROTECTIVE COVERS

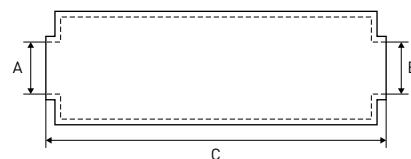
HOUSSES DE PROTECTION – SCHUTZROHRE



Diameter		Length	REF
A mm	B mm	C mm	
40	85	325	111TP4064



Diameter		Length	REF
A mm	B mm	C mm	
40	85	350	111TP4065



Diameter		Length	REF
A mm	B mm	C mm	
94	94	350	111TP4066
93	93	364	111TP7734
40	93	315	111TP9406



Diameter mm	Height mm	REF
55	13	111TP7735



STOPS

BOUCHONS - ENDANSCHLÄGE



- Inner diameter: 78 mm
- Outer diameter: 100 m
- Internal thread: M60

REF [111TP4067](#)

**O-RINGS**

JOINTS TORIQUES - O-RINGE



Diameter mm	REF
15,3 x 2,4	111TP7736
21,0 x 3,0	111TP7737

See chapter Universal parts on page 694 for more parts.

CU-SEALS

JOINTS CU - CU-DICHTUNGEN



Diameter	Dimensions mm	REF
M14	14,7 x 22,0 x 1,5	111TP5020
M16	16,7 x 24,0 x 1,5	111TP5021
M18	18,7 x 26,0 x 1,5	111TP5022
1/4"	13,7 x 20,5 x 1,5	111TP4068
3/8"	17,2 x 23,8 x 2,0	111TP4069

See chapter Universal parts on page 695 for more parts.

USED ON ZEPRO MAMMUT LIFT



COVERS

COUVERCLES - ABDECKUNGEN



Length mm	Width mm	Height mm	REF
505	280	300	111TP5065



Length mm	Width mm	Height mm	REF
260	260	225	111TP7739



Length mm	Width mm	Height mm	REF
290	290	240	111TP7728



Length mm	Width mm	Height mm	REF
400	400	210	111TP4081



Length mm	Width mm	Height mm	REF
330	250	75	111TP9407

USED ON ZEPRO MAMMUT LIFT



TANKS & OIL RESERVOIRS

RÉSERVOIRS (D'HUILE) – TANKS & ÖLBEHÄLTER



Length mm	Height mm	Width mm	REF
250	110	250	111TP4070



Diameter mm	Length mm	Height mm	Width mm	REF
85	160	145	160	111TP4074



Diameter mm	Length mm	REF
120	390	111TP4072



Diameter mm	Length mm	REF
120	350	111TP4073



Length mm	Height mm	Width mm	REF
950	210	210	111TP4071

USED ON ZEPRO MAMMUT LIFT



FILTERS & BREATHERS

FILTRES & RENIFLARDS - FILTER & ENTLÜFTER



- Diameter: 12,5 x 48 mm
- Height: 30 mm

[REF 111TP4075](#)



- Diameter: 42 mm
- Height: 34 mm
- Info: 1/2" BSP

[REF 111TP4076](#)



- Diameter: 63,2 mm
- Height: 39,5 mm
- Info: 104 µ

[REF 111TP7738](#)



- Length: 270 mm
- Diameter clamps: 34 mm

[REF 112TP9951](#)



- Dimensions: 30 x 30 mm
- 1/2" BSP

[REF 112TP1953](#)

USED ON ZEPRO MAMMUT LIFT



LOCKS

SERRURES - VERRIEGELUNGEN



- Total length: 125 mm
- Width: 32 mm
- Diameter holes: 5 mm
- Info: BZ

[REF 111TP4077](#)

GASKETS

JOINTS - DICHTUNGEN



- Dimensions: 250 x 250 mm
- Used for REF 111TP4070

[REF 111TP4079](#)



- Dimensions: 129 x 129 mm
- Diameter: 120 mm

[REF 111TP4080](#)

USED ON ZEPRO MAMMUT LIFT



ELECTRIC MOTORS

MOTEURS ÉLECTRIQUES – ELEKTROMOTOREN



Voltage V	kW	Rotation	REF
12	0,8	CW >>/CCW <<	111TP9843
12	0,8	CW >>	111TP4082
24	0,8	CW >>	111TP4083



Voltage V	kW	Rotation	REF
12	3	CW >>	111TP4094



Voltage V	kW	Rotation	REF
12	2	CW >>	111TP4084
24	2	CW >>	111TP4085



Voltage V	kW	Rotation	REF
12	0,8	CCW <<	111TP4086
24	1,2	CCW <<	111TP4087



Voltage V	kW	Rotation	REF
12	2	CCW <<	111TP4088
24	2	CCW <<	111TP4089



Voltage V	kW	Rotation	REF
12	2	CCW <<	111TP4090
24	2	CCW <<	111TP4091



Voltage V	kW	Rotation	Remark	REF
12	1,5	CCW <<		111TP4092
24	1,5	CCW <<		111TP4093
12	1,5	CW >>	Flange 4 positions (Zepro, Dhollandia, MBB, Mic, Erhell Hydris)	111TP9100
24	2	CW >>	Flange 4 positions (Zepro, Dhollandia, MBB, Mic, Erhell Hydris)	111TP9094

See chapter Universal parts on page 735 for more parts.

USED ON ZEPRO MAMMUT LIFT



HYDRAULIC PUMPS

POMPES HYDRAULIQUES – HYDRAULIKPUMPEN



Pump complete with tube and filter

CC	Rotation	REF
1,2	CW >>	111TP4095
1,7	CW >>	111TP4096



Pump complete with filter

CC	Rotation	REF
0,8	CW >>	111TP4097
1,2	CW >>	111TP4098



CC	Rotation	REF
2,5	CCW <<	111TP4099
3,3	CCW <<	111TP4100



Pump complete with filter

CC	Rotation	REF
0,8	CW >>	111TP4101
1,2	CW >>	111TP4102
2	CW >>	111TP4103
2,5	CW >>	111TP4104
3,2	CW >>	111TP4105

CC	Rotation	REF
1,2	CW >>	111TP9410
2,5	CW >>	111TP9411

USED ON ZEPRO MAMMUT LIFT



HYDRAULIC PUMPS

POMPES HYDRAULIQUES – HYDRAULIKPUMPEN



- 250 CC
- OMP250

REF [111TP4106](#)

Seal kit for REF 111TP4106

REF [111TP9911](#)**See chapter Universal parts on page 699 for more parts.**

SOLENOID SWITCHES/CONTACTORS

SOLÉNOÏDES/CONTACTEURS – MAGNETSCHALTER/SCHÜTZE

	Amperage	REF	
		12 V	24 V
	80	111TP7742	
	100	111TP4107	111TP4108
	100	111TP7740	111TP7741
	100	111TP4110	111TP4111
	150	111TP9912	111TP9913

See chapter Universal parts on page 701 for more parts.

USED ON ZEPRO MAMMUT LIFT



BRUSHES

BALAIS - KOHLEBÜRSTEN



- Voltage: 24 V
- Dimensions: 15,8 x 8,9 x 15,8 mm

REF [111TP4112](#)



Dimensions: 24,8 x 9,9 x 22,9 mm

REF [111TP4113](#)



Dimensions: 12,8 x 7,3 x 19,2 mm

REF [111TP4114](#) – Voltage: 12 V

REF [111TP4115](#) – Voltage: 24 V



- Voltage: 12 V
- Dimensions: 19,9 x 9,3 x 22 mm

REF [111TP9232](#)

BRUSH ROCKERS

COLLIERS PORTE-BALAIS - KOHLENHALTER



Diameter: 105 mm

REF [111TP4116](#)

BEARINGS

ROULEMENTS - LAGER



Diameter mm	Height mm	REF
12/32	10	111TP4117
17/35	10	111TP4118
25/42	20	111TP7743

See chapter Universal parts on page 735 for more parts.



USED ON ZEPRO MAMMUT LIFT

HOSES

TUYAUX - SCHLÄUCHE



Hose diameter		Length mm	Fitting 1 Inch	Fitting 2 Inch	Info	REF
Inch	mm					
1/4	6,4	670	BC 1/4" BSP	BC 1/4" BSP	-40-100 °C	111TP4119
1/4	6,4	850	BC 1/4" BSP	BC 1/4" BSP	-40-100 °C	111TP4120
1/4	6,4	970	BC 1/4" BSP	BC 1/4" BSP	-40-100 °C	111TP4121
1/4	6,4	1070	BC 1/4" BSP	BC 1/4" BSP	-40-100 °C	111TP7702
1/4	6,4	1350	BC 1/4" BSP	BC 1/4" BSP	-40-100 °C	111TP4122
1/4	6,4	1400	BC 1/4" BSP	BC 1/4" BSP	-40-100 °C	112TP9952
1/4	6,4	1470	BC 1/4" BSP	BC 1/4" BSP	-40-100 °C	111TP4123



Hose diameter		Length mm	Fitting 1 Inch	Fitting 2 Inch	Info	REF
Inch	mm					
3/8	10	1070	straight 3/8"-2ETM10.L	straight 3/8" BSP female	-40-100 °C	111TP7711



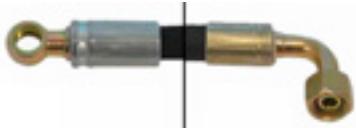
Hose diameter		Length mm	Fitting 1 Inch	Fitting 2 Inch	Info	REF
Inch	mm					
1/4	6,4	350	Banjo 3/8"	Banjo 3/8"	-40-100 °C	111TP4124
1/4	6,4	500	Banjo 1/4"	Banjo 3/8"	-40-100 °C	111TP4125
1/4	6,4	550	Banjo 3/8"	Banjo 3/8"	-40-100 °C	111TP7708
1/4	6,4	620	Banjo 1/4"	Banjo 1/4"	-40-100 °C	111TP4126
1/4	6,4	620	R1/4"	R1/4"	-40-100 °C	111TP4127
1/4	6,4	500	R1/4"	R1/4"	-40-100 °C	111TP4131
1/4	6,4	655	R1/4"	R1/4"	-40-100 °C	111TP4128
1/4	6,4	700	Banjo 1/4"	Banjo 1/4"	-40-100 °C	111TP4129
1/4	6,4	850	R1/4"/BJ 1/4	R1/4"/FBSP 1/4	-40-100 °C	111TP4130
1/4	6,4	1050	R1/4"/BJ 1/4	R1/4" / BJ 3/8	-40-100 °C	111TP7709
1/4	6,4	950	BJ 1/4"	BJ 3/8"	-40-100 °C	112TP9953

USED ON ZEPRO MAMMUT LIFT



HOSES

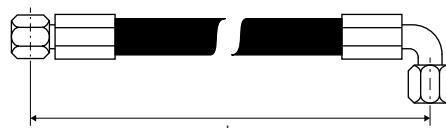
TUYAUX - SCHLÄUCHE



Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	Inch	Inch		
1/4	6,4	3000	BC 90 L 1/4" BSP	Banjo 1/4"	-40-100 °C	111TP4132



Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	Inch	Inch		
3/8	9,5	1080	BF 3/8" BSP	BF90K 3/8" BSP	-40-100 °C	111TP4133



Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	Inch	Inch		
1/4	10	1080	straight 3/8"BSP female	straight 3/8" BSP female	-40-100 °C	111TP7710



Hose diameter		Length	Fitting 1	Fitting 2	Info	REF
Inch	mm	mm	Inch	Inch		
1/4	6,4	650	Banjo 1/4"	Banjo 1/4"	-40-100 °C	111TP4134



USED ON ZEPRO MAMMUT LIFT

HOSES

TUYAUX - SCHLÄUCHE



Hose diameter		Length mm	Fitting 1 Inch	Fitting 2 Inch	Info	REF
Inch	mm	mm				
1/4	6,4	700	Banjo 1/4"	Banjo 1/4"	-40-100 °C	111TP4135



Hose diameter		Length mm	Fitting 1 Inch	Fitting 2 Inch	Info	REF
Inch	mm	mm				
1/4	6,4	1470	R1/4"	R1/7"	-40-100 °C	111TP4136



Hose diameter		Length mm	Fitting 1 Inch	Fitting 2 Inch	Info	REF
Inch	mm	mm				
1/4	6,4	360	BC 1/4" BSP	Banjo 1/4"	-40-100 °C	111TP4138
1/4	6,4	650	BC 1/4" BSP	Banjo 1/4"	-40-100 °C	111TP4139
1/4	6,4	700	BC 1/4" BSP	Banjo 1/4"	-40-100 °C	111TP7703
1/4	6,4	720	BC 1/4" BSP	Banjo 1/4"	-40-100 °C	111TP4140
1/4	6,4	750	BC 1/4" BSP	Banjo 1/4"	-40-100 °C	111TP7704
1/4	6,4	890	BC 1/4" BSP	Banjo 1/4"	-40-100 °C	111TP4141
1/4	6,4	950	BC 1/4" BSP	Banjo 1/4"	-40-100 °C	111TP7705
1/4	6,4	970	BC 1/4" BSP	Banjo 1/4"	-40-100 °C	111TP4142
1/4	6,4	1030	BC 1/4" BSP	Banjo 1/4"	-40-100 °C	111TP7706
1/4	6,4	1300	BC 1/4" BSP	Banjo 1/4"	-40-100 °C	111TP4143

USED ON ZEPRO MAMMUT LIFT



HOSES

TUYAUX – SCHLÄUCHE



Hose diameter		Length mm	Fitting 1 Inch	Fitting 2 Inch	Info	REF
Inch	mm					
3/8	9,5	1240	3/8" BSP	3/8" BSP	-40–100 °C	111TP4137
3/8	9,5	1625	R 3/8"	R 3/8"	-40–100 °C	111TP8026

HOSE SETS

KITS DE TUYAUX – SCHLAUCHSETS



Diameter: Banjo 1/4"

Content:

- 2 x 700 mm
- 2 x 850 mm
- 2 x 970 mm
- 2 x 1250 mm

[REF 111TP4146](#)



Diameter: 1/4"

Content:

- 2 x 500 mm
- 2 x 655 mm
- 2 x 700 mm
- 2 x 870 mm

[REF 111TP4145](#)



Diameter: 1/4"

Content:

- 4 x 650 mm
- 4 x 850 mm

[REF 111TP4144](#)



Diameter: Banjo 1/4" – 1/4"

Content:

- 2 x 360 mm
- 2 x 600 mm
- 2 x 650 mm
- 2 x 950 mm

[REF 111TP7707](#)



USED ON ZEPRO MAMMUT LIFT

FITTINGS

RACCORDS – KUPPLUNGEN



Thread: 1/4" BSP – 3/8" BSP

[REF 111TP4147](#)



Thread: 1/4" – 3/8"

[REF 111TP4149](#)



Thread: 1/4" – 1/4"

[REF 111TP4148](#)



Thread: 2 x 3/8" BSP

[REF 111TP7746](#)



Thread: 2 x 1/4" BSP – 3/8" BSP

[REF 111TP8027](#)



Thread: 1/4" BSP

[REF 111TP4150](#)



Thread: 1/4" BSP

[REF 111TP4151](#)



Thread: 3/8" BSP

[REF 111TP4152](#)

USED ON ZEPRO MAMMUT LIFT



FITTINGS

RACCORDS – KUPPLUNGEN



Thread: 2 x 1/4" BSP

REF [111TP7747](#)



Thread: 3/8"

REF [111TP9914](#)



Thread: 2 x 1/4" BSP

REF [111TP7745](#)

HOSES & FITTINGS – TUYAUX & RACCORDS – SCHLÄUCHE & KUPPLUNGEN

USED ON ZEPRO MAMMUT LIFT



COILS & VALVES - BOBINES & SOUPAPES - SPULEN & VENTILE

SOLENOID VALVES

ÉLECTROVANNES - MAGNETVENTILE

	Type	Diameter mm	Thread	REF 12 V	24 V
	2/2	12,7	3/4" UNF	111TP4155	111TP4156
	4/3	12,7/14,2/15,8	3/4" UNF	111TP8028	111TP4157
	4/2	12,7/14,2/15,8	3/4" UNF		111TP9915
	2/2	15,8	3/4" UNF	111TP7712	111TP4158

CARTRIDGES

CARTOUCHES - PATRONEN

	Type	Diameter mm	Thread	REF
	2/2	12,7	3/4" UNF	111TP4162
	2/2	12,7	3/4" UNF	111TP4159
	3/2	15,8/17,4	7/8" UNF	111TP4160

USED ON ZEPRO MAMMUT LIFT



CARTRIDGES

CARTOUCHES – PATRONEN

	Type	Diameter mm	Thread	REF
	2/2	12,7	3/4" UNF	111TP4163
	4/2	13,8/15,3/16,8	M20 x 1,5 mm	111TP4161
	4/3	12,7/14,2/15,8	3/4" UNF	111TP4164
	2/2	12,7	3/4" UNF – 7/8"	111TP7748
	2/2	12,7	3/4" UNF – 15/16"	111TP7749
	2/2	12,7	M20 x 1,5 mm	111TP7750

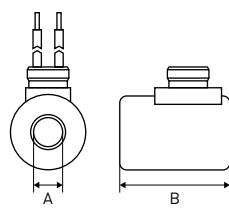
COILS & VALVES – BOBBINES & SOUPAPES – SPULEN & VENTILE

USED ON ZEPRO MAMMUT LIFT

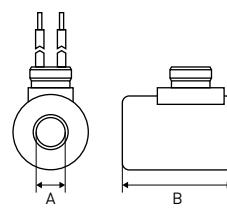


COILS

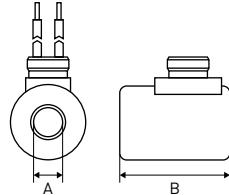
BOBINES - SPULEN



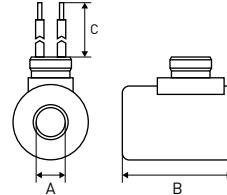
Voltage	A mm	REF
12	13	111TP4165
24	13	111TP4166



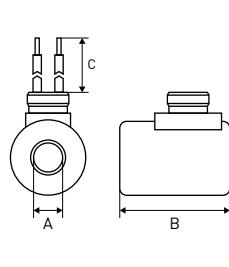
Voltage	Wattage	A mm	REF
12	26	16	111TP4167
24	26	16	111TP4168



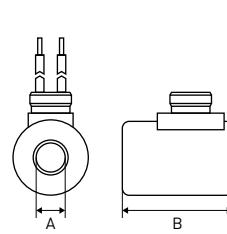
Voltage	A mm	REF
12	13	111TP8029
24	13	111TP4172



Voltage	A mm	B mm	REF
12	16	500	111TP4171
24	16	380	111TP4174
12	13	440	111TP7713
24	13	440	111TP4173



Voltage	A mm	B mm	REF
20	13	370	111TP7751



Voltage	A mm	REF
12	18	111TP4169
24	18	111TP4170

USED ON ZEPRO MAMMUT LIFT



VALVE BLOCKS

BOÎTIERS À SOUPAPES – STEUERBLÖCKE



- Length: 60 mm
- Width: 30 mm
- Height: 28/48 mm

[REF 111TP4175](#)



- Length: 90 mm
- Width: 45 mm
- Height: 30 mm

[REF 111TP4177](#)



- Length: 56 mm
- Width: 38 mm
- Height: 30 mm

[REF 111TP4178](#)



- Length: 65 mm
- Width: 30 mm
- Height: 28/48 mm

[REF 111TP4179](#)



- Length: 65 mm
- Width: 30 mm
- Height: 28/48 mm

[REF 111TP4176](#)



- Length: 65 mm
- Width: 30 mm
- Height: 30 mm

[REF 111TP4180](#)



- Length: 65 mm
- Width: 48 mm
- Height: 30 mm

[REF 111TP4181](#) – Voltage: 12 V
[REF 111TP4182](#) – Voltage: 24 V



- Length: 115,8mm
- Width: 65 mm
- Height: 30 mm

[REF 111TP4183](#) – Voltage: 12 V
[REF 111TP4184](#) – Voltage: 24 V

USED ON ZEPRO MAMMUT LIFT



VALVE BLOCKS

BOÎTIERS À SOUPAPES - STEUERBLÖCKE



- Length: 119,5 mm
- Width: 65 mm
- Height: 30 mm

REF 111TP4185 – Voltage: 12 V
REF 111TP4186 – Voltage: 24 V



- Length: 65 mm
- Width: 48 mm
- Height: 30 mm

REF 111TP4187 – Voltage: 12 V
REF 111TP4188 – Voltage: 24 V



- Length: 106,3 mm
- Width: 65 mm
- Height: 30 mm

REF 111TP7714 – Voltage: 12 V
REF 111TP7715 – Voltage: 24 V



- Length: 134,5 mm
- Width: 89 mm
- Height: 30 mm

REF 111TP4190 – Voltage: 12 V
REF 111TP4191 – Voltage: 24 V



- Length: 240 mm
- Width: 120 mm
- Height: 50 mm
- Info: BZ serie

REF 111TP7716 – Voltage: 12 V
REF 111TP4189 – Voltage: 24 V



- Length: 240 mm
- Width: 120 mm
- Height: 50 mm
- Info: RZ, RZL serie

REF 111TP7752 – Voltage: 12 V
REF 111TP7753 – Voltage: 24 V



- Length: 130 mm
- Width: 130 mm
- Height: 30 mm
- Info: RZN

REF 111TP4078



REGULATING VALVES

SOUPAPES DE RÉGULATION – REGELVENTILE



Length mm	Thread	Info	REF
26	1/4" BSP	13 l/min	111TP4192



Info	REF
50-170B	111TP4193



Diameter	Length	REF
Outer mm	Inner mm	mm
24	15	57
		111TP7721

VALVES & SWITCHES

SOUPAPES & INTERRUPEURS – VENTILE & SCHALTER



Thread: 3/8" BSP – 1/4" BSP

REF [111TP4194](#)

USED ON ZEPRO MAMMUT LIFT



PINS

AXES - ACHSEN



A mm	B mm	REF
20	125	111TP4195



1

2

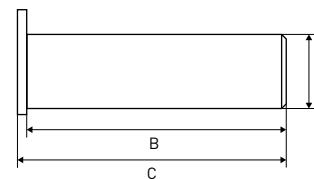
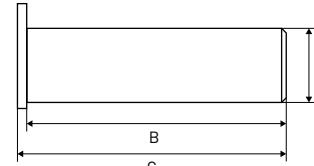
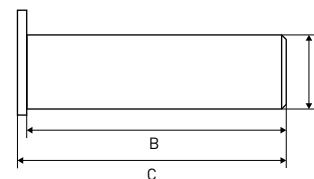


Fig	A mm	B mm	REF
1	35	139	111TP4196
2	35	123	111TP4197



A mm	B mm	REF
30	98	111TP7719
30	106	111TP4199
30	131	111TP4200
30	178	111TP4201
30	182	111TP4202



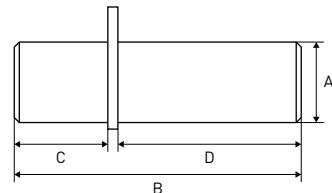
A mm	B mm	REF
30	145	111TP9412

USED ON ZEPRO MAMMUT LIFT

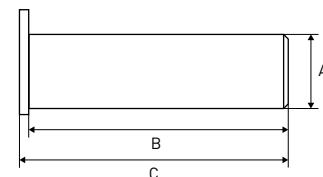


PINS

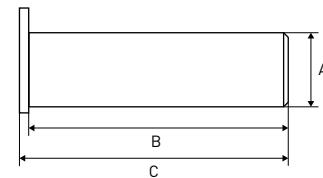
AXES - ACHSEN



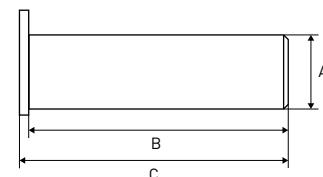
A mm	B mm	C mm	D mm	REF
30	190	24	102	111TP4198



A mm	B mm	REF
30	197	111TP7720
35	205	111TP4203



A mm	B mm	REF
25	164	111TP7717



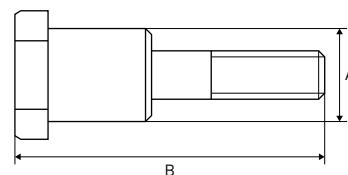
A mm	B mm	REF
25	70	111TP7718

USED ON ZEPRO MAMMUT LIFT

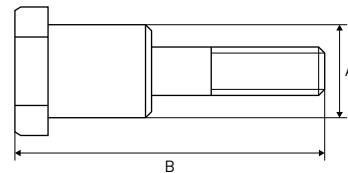


PINS

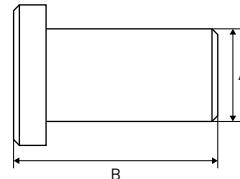
AXES - ACHSEN



A mm	B mm	REF
25/35	125	111TP4215



A mm	B mm	REF
30/35	116	111TP4220



1

2

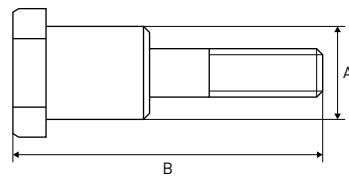
Fig	A mm	B mm	REF
1	25	66	111TP4205
2	25	66	111TP9916
1	25	208	111TP4206
1	30	73	111TP4207
1	30	90	111TP4208
1	30	97	111TP9413
1	30	116	111TP4209
1	30	122	111TP4210
1	30	136	111TP4211
1	30	189	111TP4212
1	30	197	111TP4213
1	35	204	111TP4214

USED ON ZEPRO MAMMUT LIFT

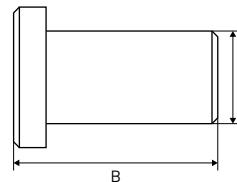


PINS

AXES - ACHSEN

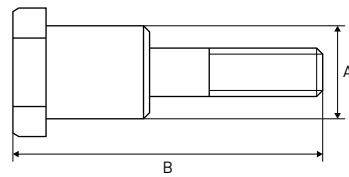


A mm	B mm	REF
30	126	111TP4216
30	131	111TP4217
30	186	111TP4218



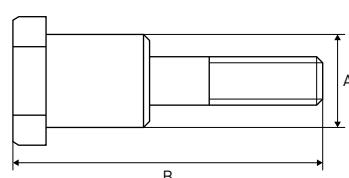
HYDEM

A mm	B mm	REF
30	128	111TP9414



HYDEM

A mm	B mm	REF
30	97	111TP9415
30	176	111TP9416



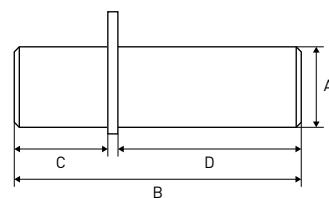
A mm	B mm	REF
30/35	116	111TP4219

USED ON ZEPRO MAMMUT LIFT

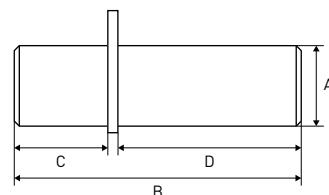


PINS

AXES – ACHSEN



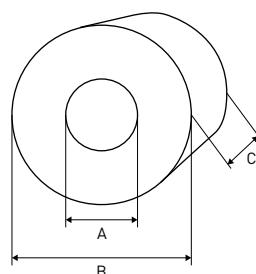
A mm	B mm	C mm	D mm	REF
30	170	57	105	111TP4222



A mm	B mm	C mm	D mm	REF
25	161	64	92	111TP4221

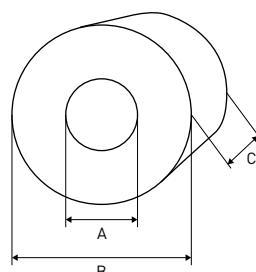
PLATFORM ROLLERS

GALETS DE HAYON – PLATTFORMROLLEN



A mm	B mm	C mm	REF
55	85	30	111TP4223
55	93	30	111TP4224
55	93	50	111TP4225

HYDEM



A mm	B mm	C mm	Remark	REF
55	93	50	Roller steel zinc	111TP9418

USED ON ZEPRO MAMMUT LIFT



PLATFORM ROLLER SETS

KITS DE GALETS DE HAYON – PLATTFORMROLLENSETS



- Diameter: 30/93 x 30 mm
- Length: 170 mm
- Info: BZ/SZH

[**REF 111TP4226**](#)



- Diameter: 30/93 x 30 mm
- Length: 190 mm
- Info: BZZ

[**REF 111TP4227**](#)



- Diameter: 30/93 x 50 mm
- Length: 177 mm
- Info: Z/ZL

[**REF 111TP4228**](#)



- Diameter: 30/93 x 50 mm
- Length: 189 mm
- Info: Z/ZL

[**REF 111TP4229**](#)



- Diameter: 55/85 x 30 mm
- Length: 161 mm
- Info: SZD/SZH

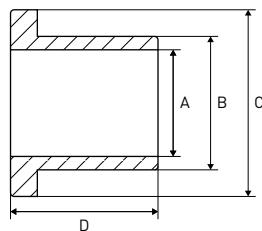
[**REF 111TP9917**](#)

USED ON ZEPRO MAMMUT LIFT

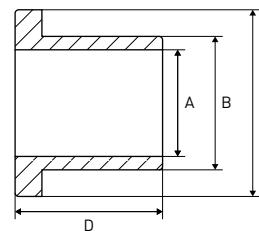


BUSHINGS

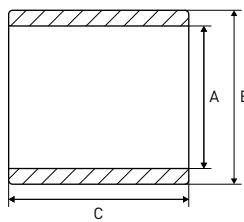
BAGUES – BUCHSEN



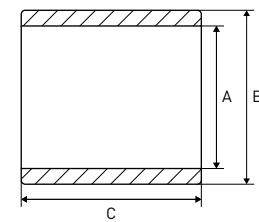
A mm	B mm	C mm	D mm	REF
12	14	20	12	111TP4235



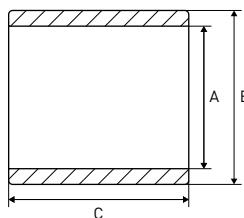
A mm	B mm	C mm	D mm	REF
30	36	45	28	111TP4236



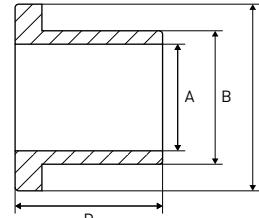
A mm	B mm	C mm	Info	REF
35	39	50	DX	111TP4232



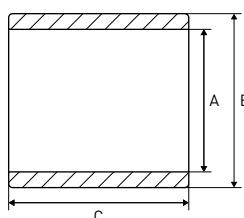
A mm	B mm	C mm	REF
30	40	60	111TP4233



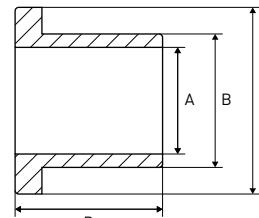
A mm	B mm	C mm	Info	REF
31	40	68	RZ-BZ-SZ	111TP4234



A mm	B mm	C mm	D mm	REF
25,5	35	45	25	111TP4291



A mm	B mm	C mm	Diameter mm	REF
30,5	40,5	58	40,5	111TP4292



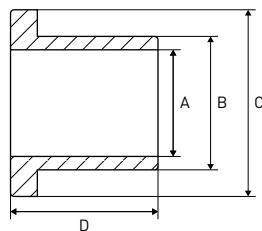
A mm	B mm	C mm	D mm	REF
30	36	45	28	111TP4237

USED ON ZEPRO MAMMUT LIFT

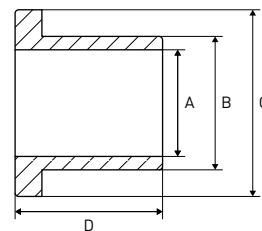


BUSHINGS

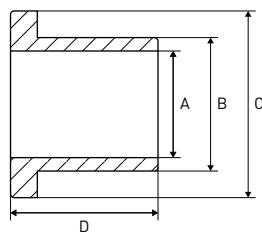
BAGUES - BUCHSEN



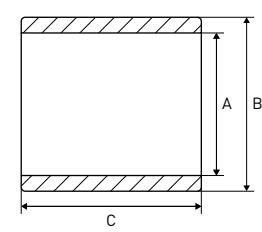
A mm	B mm	C mm	D mm	REF
30	36	45	28	111TP4238



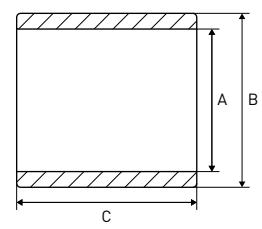
A mm	B mm	C mm	D mm	REF
21,5	54,5	59	34	111TP4239



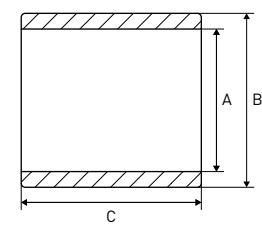
A mm	B mm	C mm	D mm	REF
30	55	60	54	111TP4240



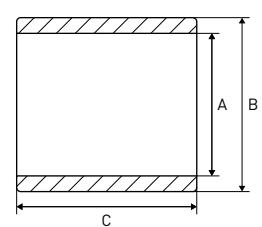
A mm	B mm	C mm	REF
30	40	65	111TP4241



A mm	B mm	C mm	REF
21	25	29	111TP4259



A mm	B mm	C mm	REF
25	28	30	111TP4230
35	39	35	111TP4231



A mm	B mm	C mm	REF
26	30	155	111TP9918

See chapter Universal parts on page 705 for more parts.

USED ON ZEPRO MAMMUT LIFT



DISTANCE RINGS

BAGUES D'ÉCARTEMENT - ABSTANDSRINGE



- Diameter: 31/55 mm
- Thickness: 4 mm

[REF 111TP4245](#)

GE BEARINGS

ROULEMENTS AUTO-ALIGNEURS - GELENKLAGER



- Diameter: 17/30 mm
- Thickness: 14 mm

[REF 111TP4242](#)



- Diameter: 25/42 mm
- Thickness: 20 mm

[REF 111TP4243](#)



- Diameter: 30/47 mm
- Thickness: 22 mm

[REF 111TP4244](#)



ROLL STOPS & PARTS

BUTÉES DE ROUES & ACCESSOIRES - ABROLLSICHERUNGEN & ERSATZTEILE



REF [111TP4251](#) – Left
REF [111TP4252](#) – Right



- Diameter: 12 mm
- Length: 63 mm

REF [111TP4250](#)



AVI Zepro

REF [111TP9419](#)



- Length: 900 mm
- Width: 108 mm
- Info: ALU platform

REF [111TP9420](#)

USED ON ZEPRO MAMMUT LIFT



SPRINGS & GAS SPRINGS

RESSORTS & VÉRINS À GAZ – FEDERN & GASDRUCKFEDERN



Diameter mm	Length mm	REF
68	150	111TP4253
72	331	111TP7754



Diameter mm	Length mm	REF
11	35	111TP4254
37	201	111TP7723



Diameter mm	Length mm	Info	REF
11	1040	Left	111TP4256
11	1040	Right	111TP4255



Info	REF
Z-Lift	111TP4257



Info	REF
PK3	111TP9919



Info	REF
AVI Zepro	111TP9920

See chapter Universal parts on page 707 for more parts.

BUMPERS & BUFFERS

PARE-CHOCS & BUTOIRS – STOSSDÄMPFER & -PUFFER



- Length: 58 mm
- Width: 30 mm
- Height: 25 mm

REF [111TP4258](#)

USED ON ZEPRO MAMMUT LIFT



MECHANICAL PARTS - PIÈCES MÉCANIQUES - MECHANISCHE ERSTATZTEILE

SLIDER BLOCKS, ROLLERS & WEAR PLATES

BLOCS DE DÉFILEMENT, GALETS & PATINS D'USURE - GLEITBLÖCKE, LAUFROLLEN & VERSCHLEISSPLATTEN



- Diameter: 30/98 mm
- Height: 20 mm

[REF 111TP4260](#)



- Diameter: 34/98 mm
- Height: 20 mm

[REF 111TP4261](#)



- Length: 200 mm
- Width: 35 mm
- Height: 6 mm

[REF 111TP4262](#)



- Length: 140 mm
- Width: 100 mm
- Height: 6 mm

[REF 111TP4263](#)



- Length: 900 mm
- Width: 106 mm
- Height: 23,5 mm

[REF 112TP6208](#)

CAPS

BOUCHONS - DECKEL



- Length: 65 mm
- Width: 85 mm
- Height: 45 mm

[REF 111TP4264](#)



- Diameter: 110 mm
- Height: 31,5 mm

[REF 111TP4265](#)

See chapter Universal parts on page 707 for more parts.

USED ON ZEPRO MAMMUT LIFT



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



Length: 355 mm

REF 111TP4266 – Left
REF 111TP4267 – Right



Length: 265 mm

REF 111TP8031 – Left
REF 111TP8030 – Right



- Length: 2600 mm
- Width: 56,5 mm

REF 111TP4268



- Length: 2600 mm
- Width: 56,5 mm
- Height: 10 mm

REF 111TP4269



ZS-Left

REF 111TP4271



ZS-Right

REF 111TP4272



857 A.I.V.

REF 111TP4270



3/4"

REF 111TP4278



- Diameter: 15 mm
- Length: 75 mm
- Thread: M12

REF 111TP9421



- Platform shim kit for EP 30 mm
- Right side
- 2 lengths: 800 mm
- Dimensions: 45 x 40 x 45 mm
- Edge rim: 350 mm

REF 112TP9954

USED ON ZEPRO MAMMUT LIFT



PLATFORM PARTS

PIÈCES DE PLATEFORME – PLATTFORMERSATZTEILE



- Platform shim kit for EP 30 mm
- Left side
- 2 lengths: 800 mm
- Dimensions: 45 x 40 x 45 mm
- Edge rim: 350 mm

[REF 112TP9955](#)



- Side shore platform
- Length: 1170 mm
- Dimensions: 35 x 45 x 35 mm
- For profile EP 40 mm

[REF 112TP8645](#)



- Straight edge ridge
- Length: 245 mm
- EP 40 x 30 mm

[REF 112TP9154](#)



Diameter: 99 mm

[REF 111TP4276](#)

- [REF 111TP4279](#) – Length: 1095 mm
[REF 111TP4280](#) – Length: 1215 mm
[REF 111TP4281](#) – Length: 1370 mm
[REF 111TP4283](#) – Length: 1550 mm
[REF 111TP4284](#) – Length: 1590 mm
[REF 111TP4282](#) – Length: 1700 mm
[REF 111TP4285](#) – Length: 1890 mm
[REF 111TP9921](#) – Length: 2200 mm



Diameter: 99 mm

[REF 111TP4277](#)



- [REF 111TP4273](#) – Dimensions (l x W x H): 544 x 30 x 25 mm
[REF 111TP4274](#) – Dimensions (l x W x H): 935 x 30 x 25 mm
[REF 111TP4275](#) – Dimensions (l x W x H): 695 x 35 x 25 mm



- Diameter: 32/55 mm
- Length: 50 mm

[REF 111TP4286](#)



Dimensions: 48,5 x 45,2 x 28,7 mm

[REF 111TP4287](#)

USED ON ZEPRO MAMMUT LIFT



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



Length: 2600 mm

[REF 111TP4288](#)



- Length: 2600 mm
- Width: 50 mm

[REF 111TP4289](#)



Length: 2070 mm

[REF 111TP4290](#)



ZSL/ZT/ZTS

[REF 111TP4293](#)



- Length: 49 mm
- Width: 32 mm
- Height: 14 mm

[REF 111TP4316](#)



- Diameter: 35 mm
- Length: 135 mm

[REF 111TP4294](#)



- Diameter: 20 mm
- Length: 2500 mm

[REF 111TP9417](#)



- Length: 370 mm
- Width: 240 mm

[REF 111TP4295](#)



- Length: 400 mm
- Width: 250 mm
- § 53b Abs, 5 StVZO
- TÜV/CE with certificate

[REF 111TP3259](#)



- Length: 400 mm
- Width: 250 mm
- § 53b Abs, 5 StVZO
- TÜV/CE with certificate

[REF 111TP1320](#)

See chapter Universal parts on page 708 for more parts.

USED ON ZEPRO MAMMUT LIFT



ROTARY/PUSH SWITCHES & PARTS

INTERRUPEURS ROTATIFS/POUSSOIRS & ACCESSOIRES - DREH-/DRUCKSCHALTER & ERSATZTEILE



- Diameter: 42 mm
- Height: 24 mm

[REF 111TP4301](#)



2 positions

[REF 111TP9922](#)

CONTACT ELEMENTS

BLOCS DE CONTACT - KONTAKTELEMENTE



1 x NO

[REF 111TP4307](#)



1 x NC

[REF 111TP4308](#)



Length: 122 mm

[REF 111TP4309](#)

BATTERY/EMERGENCY SWITCHES & PARTS

COUPE BATTERIE/INTERRUPEURS D'ARRÊT D'URGENCE & ACCESSOIRES - BATTERIE-/NOTSTOPPSCHALTER & ERSATZTEILE



- Amperage: 100 A
- Thread: M10

[REF 111TP4310](#)

USED ON ZEPRO MAMMUT LIFT



MICRO SWITCHES WITH CABLE

MICRORUPTEURS AVEC CÂBLE – MIKROSCHALTER MIT KABEL



Voltage	Amperage	Length mm	IP	REF
250	5	500	66	111TP4319



Voltage	Amperage	Length mm	IP	REF
250	5	1500	66	111TP4320

SENSORS & SWITCHES

CAPTEURS & INTERRUPEURS – SENSOREN & SCHALTER



TNT

[REF 111TP4318](#)

USED ON ZEPRO MAMMUT LIFT



CONTROL BOXES & PARTS

BOÎTIERS DE CONTRÔLE & ACCESSOIRES – BEDIENKÄSTEN & ERSATZTEILE



- Length: 385 mm
- Width: 170 mm
- Height: 77 mm

[REF 111TP4311](#)



- Length: 395 mm
- Width: 185 mm
- Height: 40 mm

[REF 111TP4312](#)



- Length: 385 mm
- Width: 155 mm
- Height: 27 mm

[REF 111TP4315](#)



- Length: 385 mm
- Width: 175 mm
- Height: 60 mm

[REF 111TP4314](#)



Hinge control box

[REF 111TP4316](#)



- Diameter: 20/23 mm
- Thread: M6 x 1 x 25
- Kit REF 111TP4313 + 111TP4317

[REF 111TP7724](#)



Lock bolt

[REF 111TP4313](#)



Door handle

[REF 111TP4317](#)

USED ON ZEPRO MAMMUT LIFT



CONTROLLERS

COMMANDES - BEDIENUNGEN



HYDEM

Operate your tail lift with our high-quality hand controls available in 2- or 3-button configurations.

Your benefits:

- Maximum comfort, high productivity
- Unique ergonomic design
- Easy push system
- With magnet and ring for easy handling
- Rubber shock absorber
- Usable in cold and wet environments

Applications:

Tail lifts, winches, cranes to name a few

Specifications:

- Protection (IP): IP44 according to EN 60 529
- Contact type: Mafelec (push button)
- Max amperage: 10 A
- Operating temperature: -25 °C up to 60 °C
- Material: ABS plastic with rubber buffer
- Cable: polyurethane 3,5 metres working length

Available colours:

Orange, yellow, green, red and blue

Available in different colours and in 2- or 3-button configurations.

Ask for your quantity discount. All models are equipped with Mafelec switches.

2-button hand controls with cable and connector

Make	Colour	REF
Zepro	Blue	111TP5199

2-button hand controls without cable

Colour	REF
Orange	111TP5214
Blue	111TP5215
Red	111TP5216
Yellow	111TP5217
Green	111TP5218

3-button hand controls with cable and connector

Make	Colour	REF
Zepro	Blue	111TP5213

3-button hand controls without cable

Colour	REF
Orange	111TP5219
Blue	111TP5220
Yellow	111TP5221
Red	111TP5222
Green	111TP5223



CONTROLLERS

COMMANDES - BEDIENUNGEN



- 2 x NO
- Mafelec switch

REF [111TP8092](#)



- 1 x NO + 1 x NC
- Mafelec switch

REF [111TP8093](#)



- Length: 195 mm
- Height: 50 mm
- With heating cable

REF [111TP4300](#)

See chapter Universal parts on page 712 for more parts.

USED ON ZEPRO MAMMUT LIFT



FOOT CONTROLLERS & PARTS

COMMANDES AU PIED & ACCESSOIRES - FUSSSCHALTER & ERSATZTEILE



- Length: 500 mm
- Lift

[REF 111TP4302](#)



- Length: 500 mm
- Lower

[REF 111TP4303](#)



- Length: 500 mm
- Neutral

[REF 111TP4304](#)



- Diameter: 32 mm
- Height: 15 mm

[REF 111TP4305](#)



- Length: 550 mm
- Width: 120 mm

[REF 111TP4306](#)

USED ON ZEPRO MAMMUT LIFT



VARIOUS CONTROLLER PARTS

DIVERSES PIÈCES DE COMMANDE – WEITERE BEDIENUNG-ERSATZTEILE



Diameter: 30 mm

[REF 111TP4321](#)



- Length: 157 mm
- Width: 100 mm

[REF 111TP4322](#)



- Length: 88 mm
- Width: 88 mm
- Height: 25 mm

[REF 111TP8039](#)



- Length: 190 mm
- Width: 100 mm
- Height: 25 mm

[REF 111TP8040](#)



SPIRAL CABLES

CÂBLES SPIRALÉS - SPIRALKABEL



Diameter mm	Length mm	Wire size mm ²	REF
22/35	3500	5 x 1	111TP4329

See chapter Universal parts on page 718 for more parts.

CABLES & PARTS

CÂBLES DE BATTERIE - KABEL & ERSATZTEILE



- Length: 4000 mm
- Wire size: 2 x 0,75 mm²

[REF 111TP4330](#)



- Amperage: 250 A
- Wire size: 40 mm²

[REF 111TP9838](#)



FLASHER LIGHTS & PARTS

LAMPES TORCHES & ACCESSOIRES – BLINKLEUCHTEN & ERSATZTEILE



- Length: 100 mm
- Width: 65 mm
- Height: 16,5 mm

REF [111TP4334](#) – Voltage: 12 V

REF [111TP4335](#) – Voltage: 24 V

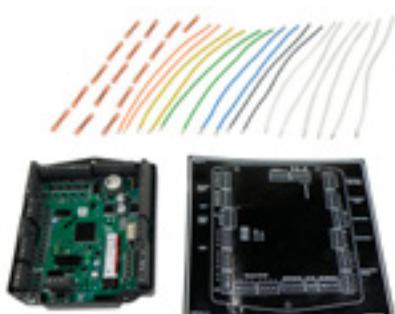
See chapter Universal parts on page 725 for more parts.

USED ON ZEPRO MAMMUT LIFT



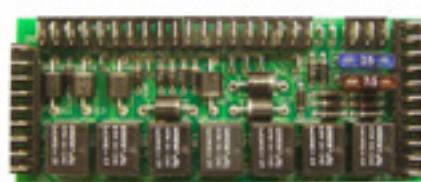
PRINTED CIRCUIT BOARDS/CONTROLLERS

CIRCUITS IMPRIMÉS/COMMANDES – LEITERPLATTEN/BEDIENUNGEN



New model

[REF 111TP7725](#)



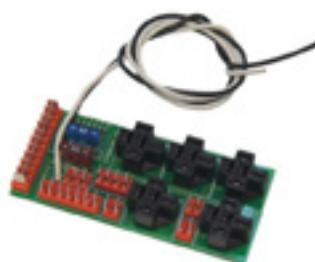
SZH

[REF 111TP4337](#)



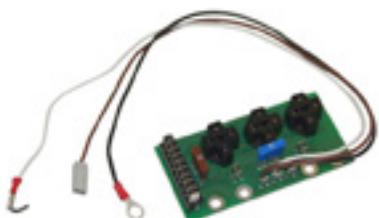
[REF 111TP4340](#) – Voltage: 12 V

[REF 111TP7726](#) – Voltage: 24 V



SZH

[REF 111TP4339](#)



BZ/SZH

[REF 111TP4338](#)



[REF 112TP9956](#)



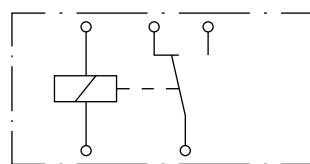
[REF 112TP5945](#)

USED ON ZEPRO MAMMUT LIFT

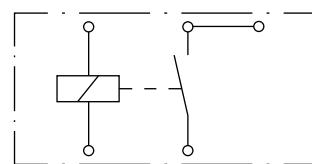


RELAYS

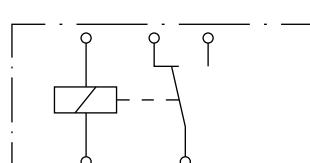
RELAIS - RELAIS



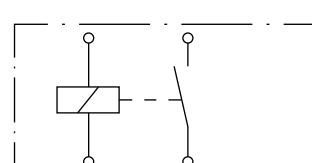
Voltage	REF
24	111TP4341



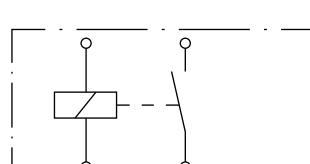
Voltage	Amperage	REF
24	20	111TP4342



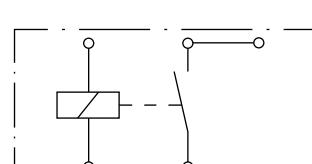
Voltage	Amperage	REF
24	20	111TP4343



Voltage	Amperage	REF
12	20	111TP4344



Voltage	Amperage	REF
24	20	111TP4345



Voltage	Amperage	REF
12	30	111TP4346



Voltage	Amperage	REF
24	20/25	112TP8480

See chapter Universal parts on page 727 for more parts.

USED ON ZEPRO MAMMUT LIFT



FUSES

FUSIBLES – SICHERUNGEN



DIN 72581/5

Amperage	REF
50	111TP4720
75	111TP4721
100	111TP4722
125	111TP4723
150	111TP4724
175	111TP4725
200	111TP4726
250	111TP4727
300	111TP4728



- DIN 43560/1
- Centre distance: 60 mm

Amperage	REF
40	111TP4690
50	111TP4691
63	111TP4692
80	111TP4693
100	111TP4694
125	111TP4695
135	111TP4696
150	111TP4697
160	111TP4698
175	111TP4699
200	111TP4700
225	111TP4701
250	111TP4702
275	111TP4703
300	111TP4704

See chapter Universal parts on page 728 for more parts.

USED ON ZEPRO MAMMUT LIFT



FUSE HOLDERS & PARTS

PORTE-FUSIBLES & ACCESSOIRES – SICHERUNGSHALTER & ERSATZTEILE



Thread: M8

[REF 111TP4351](#)



Thread: M10

[REF 111TP4782](#)



- Voltage: 24 V
- Amperage: 160 A

[REF 111TP4354](#)



- Voltage: 12 V
- Amperage: 250 A

[REF 111TP4353](#)



- Length: 135 mm
- Width: 70 mm
- Height: 85 mm

[REF 111TP4352](#)



- Voltage: 24 V
- Amperage: 160 A

[REF 111TP7727](#)

HYDEM



Amperage: 250 A

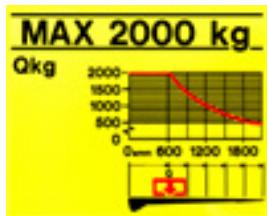
[REF 111TP9376](#)

See chapter Universal parts on page 732 for more parts.



DECALS

AUTOCOLLANTS – AUFKLEBER



- Length: 95 mm
- Height: 76 mm

[REF 111TP4361](#)



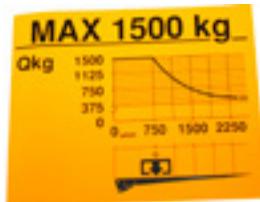
- Length: 78 mm
- Height: 91 mm

[REF 111TP4362](#)



- Control unit 5-button
- Length: 110 mm
- Height: 178 mm

[REF 112TP9957](#)



- Loading diagram: 1500 kg
- TP: 750

[REF 112TP9958](#)



- Danger zone
- Length: 165 mm
- Height: 94 mm

[REF 112TP9959](#)

See chapter Universal parts on page 735 for more parts.



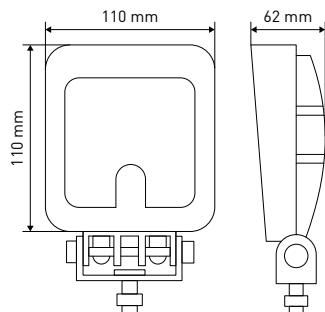
TRUCK & TRAILER ACCESSORIES



WORKLIGHTS

PHARE DE TRAVAIL - ARBEITSLEUCHTE

TOTAL SOURCE®

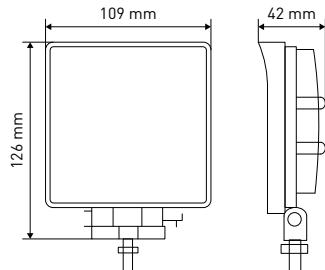


- Technology: LED 9 pieces
- Mounting: pedestal M10
- Wire length: 475 mm
- Theoretical output: 1650 lumens
- Operating light output: 1226 lumens
- Nominal power: 27 W
- IP68
- Extra: 4-point bracket included

REF 111TP8599 – Voltage: 10/30 V flood beam

REF 111TP8994 – Voltage: 10/30 V spot beam

TOTAL SOURCE®



- Technology: LED 5 pieces
- Mounting: pedestal M8
- Wire length: 395 mm
- Theoretical output: 900 lumens
- Operating light output: 675 lumens
- Nominal power: 15 W
- IP67
- Extra: 4-point bracket included

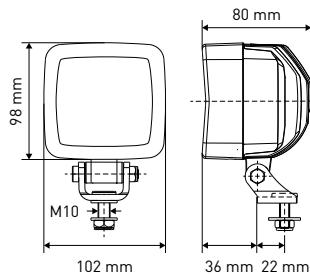
REF 111TP725 – Voltage: 9/32 V flood beam

REF 111TP726 – Voltage: 9/32 V spot beam



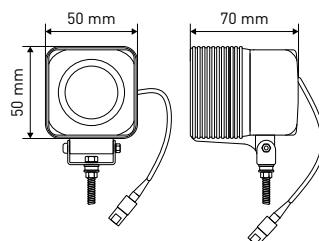
FLOOD BEAM WORKLIGHTS

PHARE DE TRAVAIL À LED – LED-ARBEITSLEUCHTE



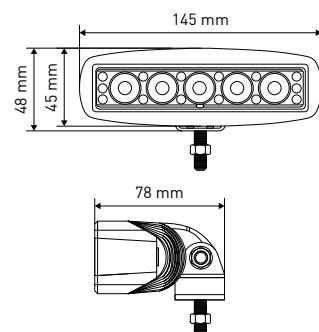
- Technology: LED 4 pieces
- Mounting: bolt
- Theoretical output: 1000 lumens
- Operating light output: 850 lumens
- Nominal power: 18 W
- Lens: hardened glass
- IP68
- Connector: AMP

REF 111TP727 – Voltage: 12/24 V



- Technology: LED 12 pieces
- Mounting: pedestal M10
- Theoretical output: 1000 lumens
- Operating light output: 850 lumens
- Nominal power: 11 W
- IP68
- Connector: J2

REF 111TP8600 – Voltage: 10/30 V



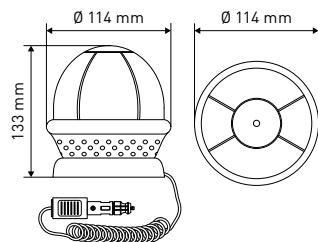
- Technology: LED 5 pieces
- Mounting: pedestal M10
- Wire length: 460 mm
- Theoretical output: 900 lumens
- Operating light output: 675 lumens
- Nominal power: 15 W
- IP67
- Extra: 4-point bracket included

REF 111TP8601 – Voltage: 9/32 V



FLASHING BEACONS

FEU À ÉCLATS LED - BLITSLEUCHTE LED

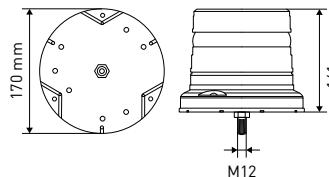


TOTAL SOURCE®

- Technology: LED
- Mounting: magnetic suction cup
- Spiral cable
- 12 V car plug

REF 111TP8602 – Voltage: 12/30 V

E-approved



TOTAL SOURCE®

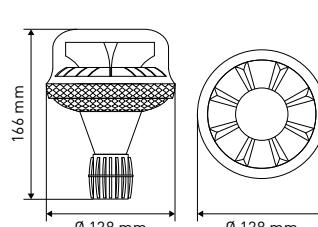
- Technology: LED
- Mounting: 3 screws
- Pitch circle 130 mm
- Wire length: 630 mm
- IP54
- 11 flash patterns

REF 111TP771 – Voltage: 10/30 V

E-approved

LED ROTATING BEACON

GYROPHARES LED - RUNDUMLEUCHTE LED



TOTAL SOURCE®

- Technology: LED
- Mounting: pole mount

REF 111TP8604 – Voltage: 10/30 V

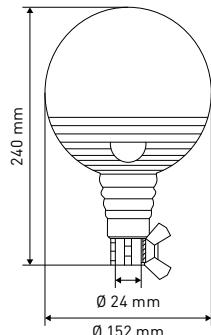
E-approved



HALOGEN ROTATING BEACONS

GYROPHARES – RUNDUMLEUCHTE

SIRENA s.p.a.



- Technology: halogen
- Mounting: pole mount
- IP66
- Rotation rate: 160 ± 30 revolutions/minute
- Flexible

REF 111TP762 – Voltage: 12 V

REF 111TP763 – Voltage: 24 V

REF 111TP764 – Without bulb

E-approved

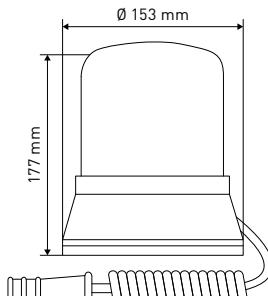
Replacement parts:

REF 111TP765 – Lens, amber

REF 111TP766 – Bulb: H1 12 V 55 W

REF 111TP767 – Bulb: H1 24 V 70 W

TOTAL SOURCE®



- Technology: halogen
- Mounting: magnetic mount
- Wire length: 550 mm
- IP56
- Rotation rate: 180 revolutions/minute
- Bulb included
- 12 V car plug

REF 111TP768 – Voltage: 12 V

REF 111TP769 – Without bulb

E-approved

Replacement parts:

REF 111TP770 – Lens, amber

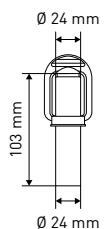
REF 111TP766 – Bulb: H1 12 V 55 W

REF 111TP767 – Bulb: H1 24 V 70 W



ADAPTER SOCKET "WELDING"

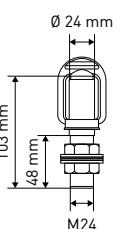
PRISE POUR GYROPHARE À HAMPE À SOUDER - ADAPTERSOCKEL „ZUM ANSCHWEISSEN“



[REF 111TP772](#)

ADAPTER SOCKET "SCREW-IN"

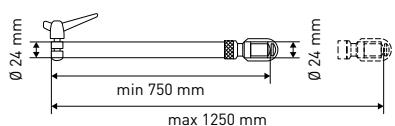
PRISE POUR GYROPHARE À HAMPE À SOUDER - ADAPTERSOCKEL „ZUM ANSCHRAUBEN“



[REF 111TP773](#)

TELESCOPIC ARM

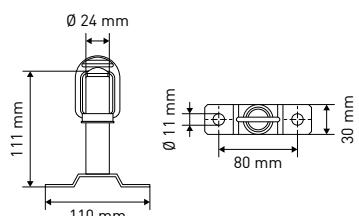
BRAS TÉLESCOPIQUE - TELESKOPARM



[REF 111TP774](#)

ADAPTER SOCKET

PRISE POUR GYROPHARE À HAMPE - ADAPTERSOCKEL

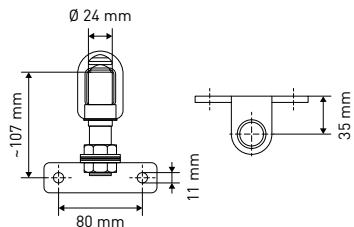


[REF 111TP775](#)



ADAPTER SOCKET

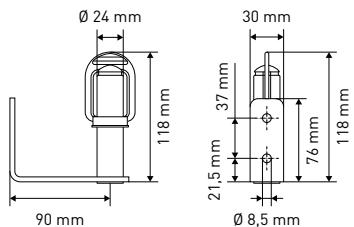
PRISE POUR GYROPHARE À HAMPE – ADAPTERSOCKEL



[REF 111TP776](#)

CORNER ADAPTER SOCKET

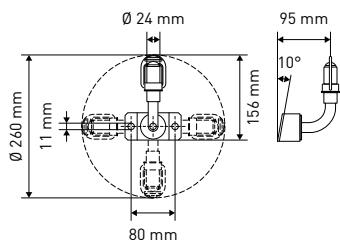
PRISE POUR GYROPHARE À HAMPE DÉPORTÉE – ADAPTERSOCKEL MIT WINKELBEFESTIGUNG



[REF 111TP777](#)

ADJUSTABLE ADAPTER SOCKET

PRISE POUR GYROPHARE À HAMPE RÉGLABLE – ADAPTERSOCKEL SCHWENKBAR



[REF 111TP778](#)

ADAPTER SOCKET

PRISE POUR GYROPHARE À HAMPE – ADAPTERSOCKEL



[REF 111TP779](#)



ADAPTER SOCKET "FLEXIBLE"

PRISE POUR GYROPHARE À HAMPE FLEXIBLE - ADAPTERSOCKEL „FLEXIBEL“



[REF 111TP780](#)

MAGNETIC LED STROBE LIGHT

FEUX À ÉCLATS LED MAGNÉTIQUES - MAGNETISCHE LED-WARNLEUCHTE

TOTAL SOURCE®



Characteristics:

- Height: 34 mm
- Ø 106,50 mm
- 9 different flashing patterns
- Shock-resistant
- Magnetic
- Water-resistant
- With universal charger

These lights can quickly and easily be deployed in case of:

- Works on and along the road
- Vehicle breakdown
- Loading and unloading of a vehicle
- Events



1 [REF 111TP5076](#) – Non-rechargeable version
– Powered by battery CR123A (REF 111TP9793)

[REF 111TP9785](#) – Rechargeable light without charger

2 [REF 111TP9786](#) – Rechargeable version, universal charger included

3 [REF 111TP9000](#) – Case with 6 pieces
– Rechargeable (case recharges all 6 LED lights simultaneously)



LED STROBE LIGHT

FEUX À ÉCLATS LED – LED-WARNLEUCHTE



- Technology: LED
- Diameter: 187 mm
- Length: 192 mm
- Height: 348 mm
- Voltage: 6 V
- Battery not included
- Bulb included

REF [111TP8995](#)

Replacement parts:

REF [111TP8997](#) – Battery

REF [111TP8998](#) – Key

MOBILE AKKU CHIO LED LIGHT

ECLAIRAGE LED MOBILE AKKU CHIO – MOBILES AKKU CHIO LED-LEUCHTE



- Technology: LED
- For installation indoors and outdoors
- Nominal power: 10 W
- Luminous flux: 650 lumens
- IP54
- Rechargeable battery: 11,1 V/2200 mAh
- Including charger 12/24 V and car charger 220 V

REF [111TP8996](#)

Made in Germany

MOUNTED FLOOD LIGHT 4,5 H

PROJECTEURS LED RECHARGEABLES – WIEDERAUFLADBARE LED-FLUTLICHTER

TOTAL SOURCE®



- Technology: LED
- For installation indoors and outdoors
- Nominal power: 10 W
- Luminous flux: 900 lumens
- IP65
- Voltage: 12/24 V and 230 VAC

REF [111TP9783](#)

Made in Germany



MOUNTED FLOOD LIGHT 5 H

PROJECTEURS LED RECHARGEABLES - WIEDERAUFLADBARE LED-FLUTLICHTER



- Technology: LED
- For installation indoors and outdoors
- Nominal power: 20 W
- Luminous flux: 1800 lumens
- IP65
- Voltage: 12/24 V and 230 VAC

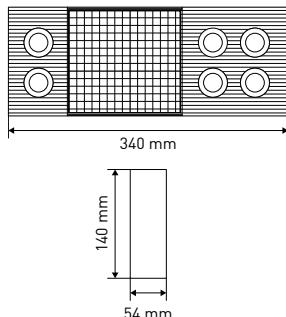
REF [111TP9784](#)



REAR LIGHTS

FEUX ARRIÈRE – RÜCKLEUCHTE

TOTAL SOURCE®



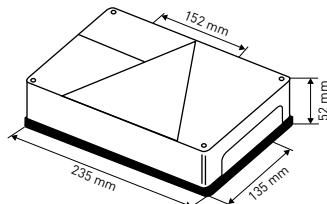
- Technology: LED
- Mounting: 2 bolts
- Centre distance: 152 mm
- Functions: rear, stop, turn, reverse, DI, reflector
- Connector: A7, 2 x E2 built-in

[REF 111TP8607](#) – Voltage: 12/24 V LH

[REF 111TP8608](#) – Voltage: 12/24 V RH

E-approved

TOTAL SOURCE®



- Technology: incandescent
- Mounting: 2 bolts
- Centre distance: 152 mm
- Functions: rear, stop, turn, fog, number plate
- Bulbs included
- Connector: C6 built-in

[REF 111TP8609](#) – Voltage: 12 V LH

[REF 111TP8610](#) – Voltage: 12 V RH + reverse

E-approved

Replacement parts:

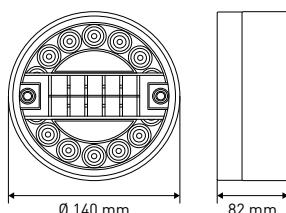
[REF 111TP732](#) – Bulb: BAY15D 12 V 21/5 W

[REF 111TA733](#) – Bulb: BA15S 12 V 21 W

[REF 111TP735](#) – Bulb: BA15S 24 V 21 W (3x)

[REF 111TP9015](#) – Replacement lens RH

TOTAL SOURCE®



- Technology: LED
- Mounting: 2 bolts
- Centre distance: 45 mm
- Functions: rear, stop, turn

[REF 111TP8611](#) – Voltage: 10/24 V

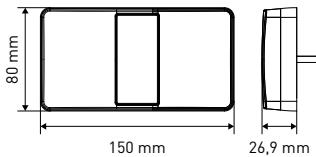
E-approved



REAR LIGHTS

FEUX ARRIÈRE - RÜCKLEUCHTE

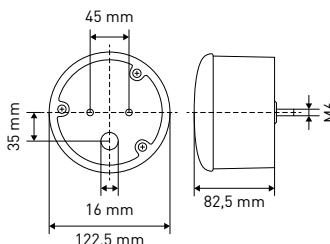
TOTAL SOURCE®



- Technology: LED
- Mounting: 2 bolts
- Centre distance: 100 mm
- Wire length: 1500 mm
- Bulb not replaceable
- Functions: rear, stop, turn

REF 111TP728 – Voltage: 12/24 V

E-approved



- Technology: incandescent
- Mounting: 2 bolts
- Centre distance: 45 mm
- Functions: rear, stop, turn
- Bulbs not included

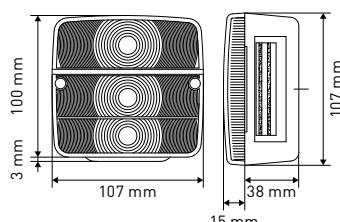
REF 111TP731 – Voltage: 12/24 V

E-approved

Replacement parts:

- REF 111TP732** – Bulb: BAY15D 12 V 21/5 W
REF 111TP733 – Bulb: BA15S 12 V 21 W
REF 111TP734 – Bulb: BAY15D 24 V 21/5 W
REF 111TP735 – Bulb: BA15S 24 V 21 W
REF 111TP736 – Replacement lens

TOTAL SOURCE®



- Technology: incandescent
- Mounting: 2 bolts
- Centre distance: 45 mm
- Functions: rear, stop, turn, number plate
- Bulbs not included

REF 111TP737 – Voltage: 12/24 V

E-approved

Replacement parts:

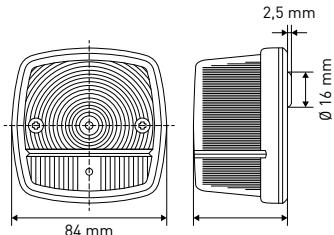
- REF 111TP9005** – BAY15D 12 V 21/5 W
REF 111TP733 – Bulb: BA15S 12 V 21 W
REF 111TP735 – Bulb: BA15S 24 V 21 W
REF 111TP9016 – Bulb: BAY15D 24 V 21/5 W
REF 111TP738 – Replacement lens



REAR LIGHTS

FEUX ARRIÈRE – RÜCKLEUCHTE

TOTAL SOURCE®



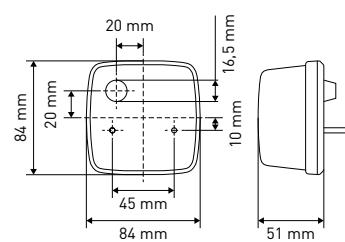
- Technology: incandescent
- Mounting: 2 bolts
- Centre distance: 45 mm
- Functions: rear, stop, turn
- Bulbs not included

REF 111TP739 – Voltage: 12/24 V

E-approved

Replacement parts:

- REF 111TP733** – Bulb: BA15S 12 V 21 W
REF 111TP735 – Bulb: BA15S 24 V 21 W
REF 111TP740 – Bulb: S V8,5-8 12 V 5 W
REF 111TP741 – Bulb: S V8,5-8 24 V 5 W
REF 111TP742 – Replacement lens



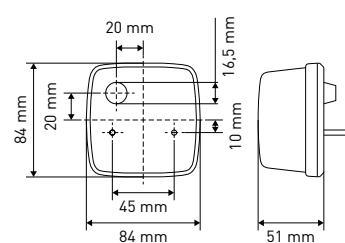
- Technology: incandescent
- Mounting: 2 bolts
- Centre distance: 45 mm
- Functions: stop
- Bulbs not included

REF 111TP743 – Voltage: 12/24 V

E-approved

Replacement parts:

- REF 111TP733** – Bulb: BA15S 12 V 21 W
REF 111TP735 – Bulb: BA15S 24 V 21 W
REF 111TP740 – Bulb: S V8,5-8 12 V 5 W
REF 111TP741 – Bulb: S V8,5-8 24 V 5 W
REF 111TP744 – Replacement lens



- Technology: incandescent
- Mounting: 2 bolts
- Centre distance: 45 mm
- Functions: reverse
- Bulbs not included

REF 111TP752 – Voltage: 12/24 V

E-approved

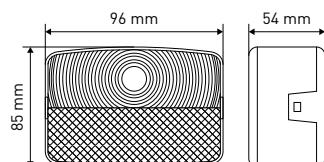
Replacement parts:

- REF 111TP733** – Bulb: BA15S 12 V 21 W
REF 111TP735 – Bulb: BA15S 24 V 21 W
REF 111TP740 – Bulb: S V8,5-8 12 V 5 W
REF 111TP741 – Bulb: S V8,5-8 24 V 5 W
REF 111TP753 – Replacement lens



REAR LIGHTS

FEUX ARRIÈRE - RÜCKLEUCHTE



- Technology: incandescent
- Mounting: 2 bolts
- Centre distance: 45 mm
- Horizontal and vertical mount
- Functions: rear, stop, turn
- Bulbs not included

[REF 111TP755](#) – Voltage: 12/24 V LH

[REF 111TP756](#) – Voltage: 12/24 V RH

E-approved

Replacement parts:

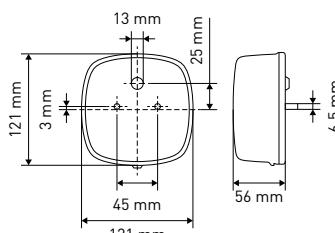
[REF 111TP733](#) – Bulb: BA15S 12 V 21 W

[REF 111TP735](#) – Bulb: BA15S 24 V 21 W

[REF 111TP757](#) – Bulb: BA15S 12 V 10 W

[REF 111TP758](#) – Bulb: BA15S 24 V 10 W

[REF 111TP759](#) – Replacement lens



- Technology: incandescent
- Mounting: 2 bolts
- Centre distance: 45 mm
- Functions: rear, stop, turn, number plate
- Bulbs not included

[REF 111TP760](#) – Voltage: 12/24 V

E-approved

Replacement parts:

[REF 111TP733](#) – Bulb: BA15S 12 V 21 W

[REF 111TP735](#) – Bulb: BA15S 24 V 21 W

[REF 111TP757](#) – Bulb: BA15S 12 V 10 W

[REF 111TP758](#) – Bulb: BA15S 24 V 10 W

[REF 111TP761](#) – Replacement lens

FLASH UNIT

RELAIS CLIGNOTANTS - BLINKRELAIS



- Length: 86,5 mm
- Width: 72 mm
- Height: 30 mm

[REF 111TP729](#) – Voltage: 12 V

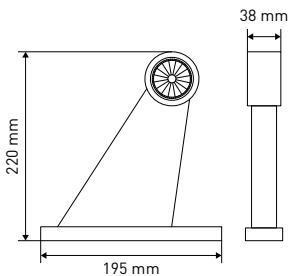
[REF 111TP730](#) – Voltage: 24 V



MARKER LIGHTS

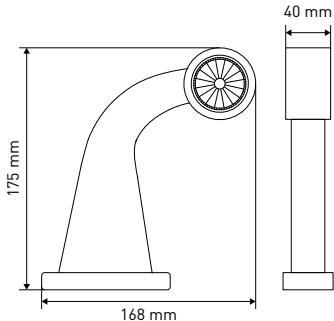
FEU DE POSITION – MARKIERUNGSLEUCHTE

TOTAL SOURCE®



- Technology: LED
- Mounting: 2 bolts
- Centre distance: 78 mm
- Wire length: 350 mm
- IP67
- Lenses are interchangeable

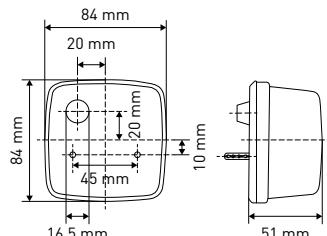
REF [111TP8612](#) – Voltage: 10/30 V



- Technology: LED
- Mounting: 2 bolts
- Centre distance: 78 mm
- Wire length: 300 mm
- IP67
- Lenses are interchangeable

TOTAL SOURCE®

REF [111TP8613](#) – Voltage: 10/30 V



- Technology: incandescent
- Mounting: 2 bolts
- Centre distance: 45 mm
- Functions: position and turn function
- Bulbs not included

COBOO *front*

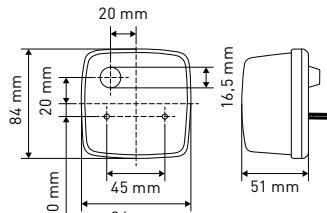
REF [111TP745](#) – Voltage: 12/24 V

E-approved

Replacement parts:

- [REF 111TP733](#) – Bulb: BA15S 12 V 21 W
[REF 111TP735](#) – Bulb: BA15S 24 V 21 W
[REF 111TP740](#) – Bulb: S V8,5-8 12 V 5 W
[REF 111TP741](#) – Bulb: S V8,5-8 24 V 5 W
[REF 111TP746](#) – Replacement lens

TOTAL SOURCE®



- Technology: incandescent
- Mounting: 2 screws
- Centre distance: 45 mm
- Bulb not included

REF [111TP747](#) – Voltage: 12/24 V, amber

E-approved

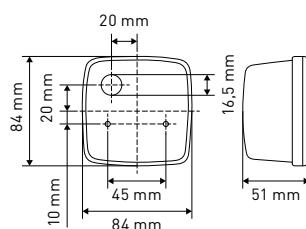
Replacement parts:

- [REF 111TP733](#) – Bulb: BA15S 12 V 21 W
[REF 111TP735](#) – Bulb: BA15S 24 V 21 W
[REF 111TP748](#) – Replacement lens



MARKER LIGHTS

FEU DE POSITION - MARKIERUNGSLEUCHTE



- Technology: incandescent
- Mounting: 2 bolts
- Centre distance: 45 mm
- Bulb not included

REF 111TP749 – Voltage: 12/24 V, red

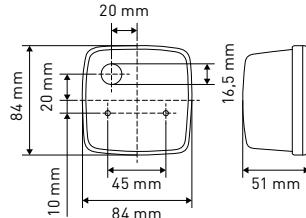
E-approved

Replacement parts:

REF 111TP740 – Bulb: S V8,5-8 12 V 5 W

REF 111TP741 – Bulb: S V8,5-8 24 V 5 W

REF 111TP750 – Replacement lens



- Technology: incandescent
- Mounting: 2 bolts
- Centre distance: 45 mm
- Bulb not included

REF 111TP751 – Voltage: 12/24 V, red

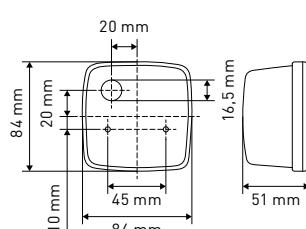
E-approved

Replacement parts:

REF 111TP733 – Bulb: BA15S 12 V 21 W

REF 111TP735 – Bulb: BA15S 24 V 21 W

REF 111TP750 – Replacement lens



- Technology: incandescent
- Mounting: 2 bolts
- Centre distance: 45 mm
- Bulb not included

REF 111TP1179 – Voltage: 12/24 V, white

E-approved

Replacement parts:

REF 111TP740 – Bulb: S V8,5-8 12 V 5 W

REF 111TP741 – Bulb: S V8,5-8 24 V 5 W

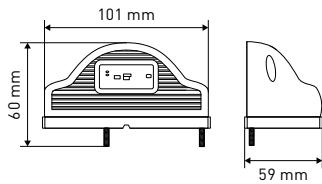
REF 111TP754 – Replacement lens



NUMBER PLATE LIGHTS

FEUX D'ÉCLAIRAGE DE PLAQUE D'IMMATRICULATION – KENNZEICHENBELEUCHTUNG

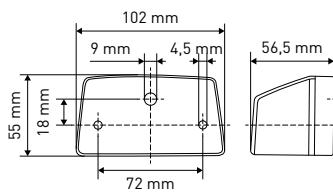
TOTAL SOURCE®



- Technology: LED
- Mounting: 2 bolts
- Centre distance: 71 mm
- Wire length: 500 mm
- IP68
- Certified CE R7

REF 111TP8614 – Voltage: 12/24 V

E-approved



- Technology: incandescent
- Mounting: 2 holes
- Centre distance: 72 mm
- Bulb not included

REF 111TP8615 – Voltage: 12/24 V

E-approved

Replacement parts:

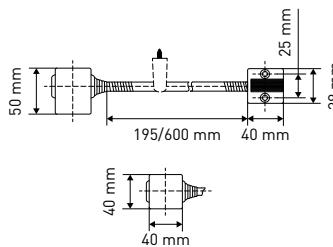
REF 111TP9006 – Bulb: BA15S 12 V 5 W

REF 111TP782 – Bulb: BA15S 24 V 5 W

REF 111TP9010 – Replacement lens

INTERIOR LIGHTS

ÉCLAIRAGE INTÉRIEUR – INNENLEUCHTEN



- Technology: halogen
- Flexible arm
- Installation: surface-mounted, screw mounting
- Bulb included

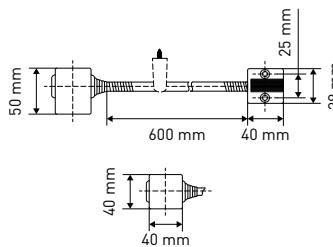
REF 111TP9001 – Voltage: 12 V, length: 195 mm

REF 111TP8616 – Voltage: 12 V, length: 600 mm

Replacement parts:

REF 111TP9007 – Bulb: BA9S 12 V 4 W

REF 111TP9009 – Bulb: BA9S 12 V 5 W



- Technology: xenon
- Length: 600 mm
- Flexible arm
- Installation: surface-mounted, screw mounting
- With on/off switch
- Bulb included

REF 111TP8617 – Voltage: 24 V

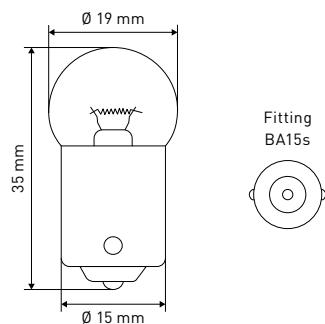
Replacement parts:

REF 111TP9008 – Bulb: BA9S 28 V 7,5 W



BA15S SPHERICAL

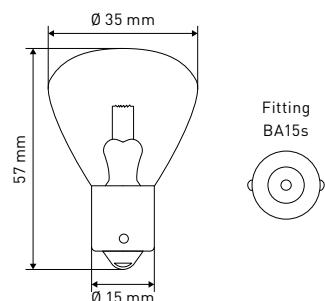
BA15S SPHÉRIQUE – BA15S SPHÄRISCH



U1 V	P1 W	REF
12	5	111TP781
12	10	111TP757
24	5	111TP782
24	10	111TP758

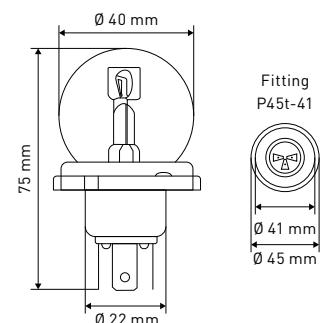
BA15S SPHERICAL

BA15S SPHÉRIQUE – BA15S SPHÄRISCH



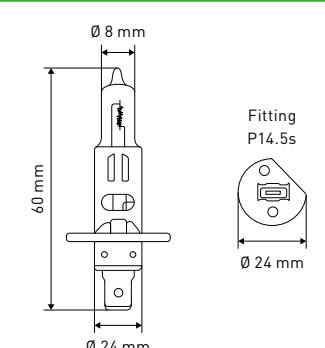
U1 V	P1 W	REF
12	45	111TP783
24	45	111TP784

R2



U1 V	P1 W	P2 W	REF
12	45	40	111TP785
24	55	50	111TP786

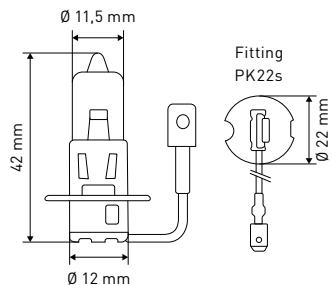
H1



U1 V	P1 W	REF
12	55	111TP766
24	70	111TP767

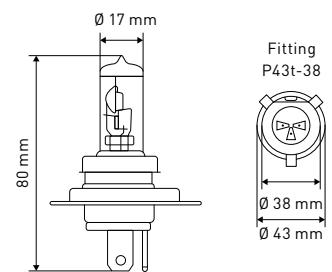


H3



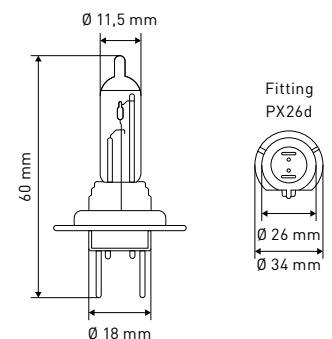
U1 V	P1 W	REF
12	55	111TP787
24	70	111TP788

H4



U1 V	P1 W	P2 W	REF
12	60	55	111TP789
12	100	90	111TP790
24	75	70	111TP791

H7



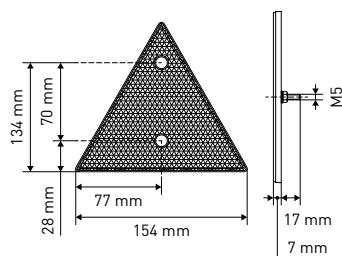
U1 V	P1 W	REF
12	55	112TP9911
12	100	112TP9912
24	70	111TP5299



REFLECTORS

CATADIOPTRES - REFLEKTOREN

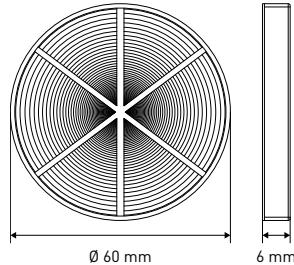
TOTAL SOURCE®



- Colour: red
- Shape: triangular
- Mounting: screws
- Centre distance: 70 mm

REF 111TP8619

E-approved



- Shape: round
- Mounting: adhesive

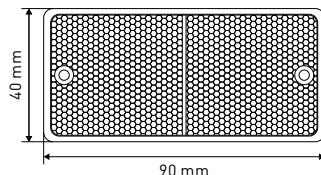
REF 111TP8620 – White

REF 111TP9002 – Orange

REF 111TP8621 – Red

E-approved

TOTAL SOURCE®



- Colour: red
- Shape: rectangular
- Mounting: screws
- Centre distance: 70 mm

REF 111TP8622

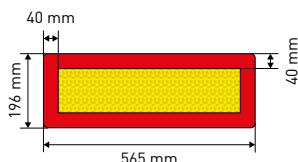
E-approved



REFLECTING PANELS

PANNEAUX RÉFLÉCHISSANTS - REFLEKTIERENDE PANEEL

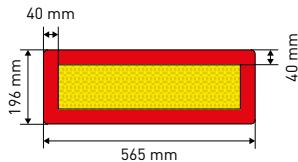
TOTAL SOURCE®



- Set of 2 trailer panels
- > 3500 kg
- ECE 70 01
- Panel or decal: reflecting/fluorescent
- Dimensions (L x W x H): 565 x 196 x 1 mm

[REF 111TP4905](#) – ALU (set 2 pieces)

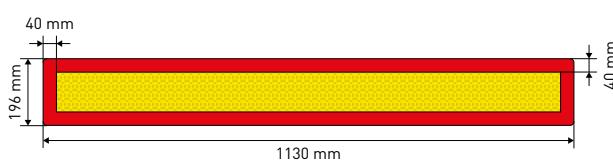
[REF 111TP4904](#) – Decal (set 2 pieces)



- Set of 2 trailer panels
- ≥ 3500 kg
- ECE 70 01 RR
- Panel reflecting/reflecting
- Dimensions (L x W x H): 565 x 196 x 1 mm

[REF 111TP9794](#)

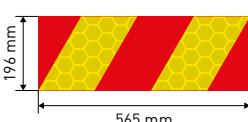
TOTAL SOURCE®



- Single panel
- ≥ 3500 kg
- ECE 70 01
- Panel reflecting/reflecting
- Dimensions (L x W x H): 1130 x 196 x 1 mm

[REF 111TP8624](#)

Trailer panels



- Set of 2 truck panels
- > 3500 kg
- ECE 70 01
- Panel reflecting/reflecting
- Dimensions (L x W x H): 565 x 196 x 1 mm

[REF 111TP4903](#) – Aluminium – kit 2 truck panels

[REF 111TP4902](#) – Vinyl – kit 2 truck decals



REFLECTING TAPES

BANDES RÉFLÉCHISSANTES - REFLEXSTREIFEN



- Width: 50 mm
- Length: 50 m
- In conformity with EEC u.n. 104 and EEC 48 regulations

Colour	REF			
	1. For use on hard surfaces	1. For canvas surfaces	2. For canvas surfaces, segmented	For canvas surfaces, segmented
White	111TP8625	111TP8628	111TP8632	111TP8632
Yellow	111TP8626	111TP8629	111TP8633	111TP8633
Red	111TP8627	111TP8630	111TP8631	111TP8631



- Length: 10 000 mm
- Width: 141 mm
- 2 adhesive rolls left/right
- With film class 1 homologated TPESC

REF [111TP8634](#)



Dimensions: 45 x 1200 mm

REF [111TP4908](#) – Right

REF [111TP4907](#) – Left



Dimensions: 30 x 3000 mm

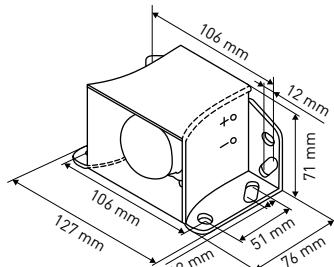
REF [111TP4906](#)

TRUCK & TRAILER ACCESSORIES



SAFE-T-ALERT® 3200-SERIES

SAFE-T-ALERT® 3200-SÉRIE – SAFE-T-ALERT® 3200-SERIE



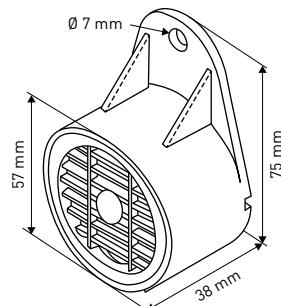
SAFE-T-ALERT®
MADE IN USA

With stud terminals

Voltage	Volume dB	In conformity with			REF
		SAE J994	UL	CE	
12/24	97	C	Yes	Yes	111TP8635
12/24	107	B	Yes	Yes	111TP8636

SAFE-T-ALERT® 1000-SERIES

SAFE-T-ALERT® 1000-SÉRIE – SAFE-T-ALERT® 1000-SERIE

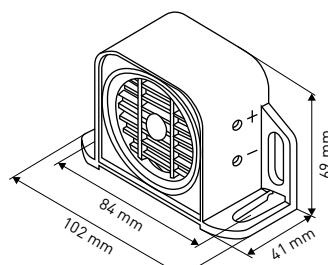


SAFE-T-ALERT®
MADE IN USA

Voltage	Volume dB	In conformity with			REF
		UL	CE		
12/24	85	No	No		111TP794

BUDGET BACK-UP ALARM

ALARME DE RECOL – RÜCKFAHRALARM

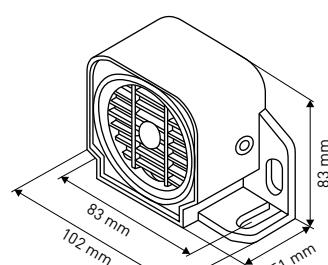


Voltage	Volume dB	In conformity with			REF
		SAE J994	UL	CE	
12/24	87	D	No	No	111TP795
12/24	97	C	No	No	111TP796
12/24	102	F	No	No	111TP797

Only sold outside the USA

SAFE-T-ALERT® 2200 SERIES

SAFE-T-ALERT® 2200 SÉRIE – SAFE-T-ALERT® 2200 SERIE



SAFE-T-ALERT®
MADE IN USA

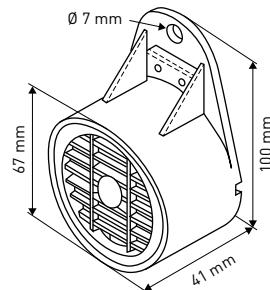
With wire leads

Voltage	Volume dB	In conformity with			REF
		SAE J994	UL	CE	
12/24	107	B	Yes	Yes	111TP798



SAFE-T-ALERT® 2500 SERIES

SAFE-T-ALERT® 2500 SÉRIE – SAFE-T-ALERT® 2500 SERIE



SAFE-T-ALERT®
MADE IN USA

Voltage	Volume dB	In conformity with		REF
		UL	CE	
12/24	102	Yes	Yes	111TP799

HORNS

KLAXONS - HUPEN



- Electropneumatic
- Volume: 117 dB
- Base frequency: 735/600 Hz ± 5%
- Length: 158/215 mm

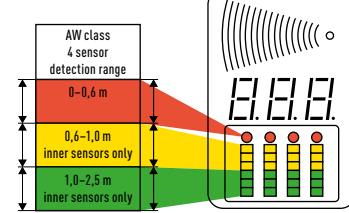
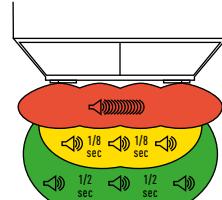
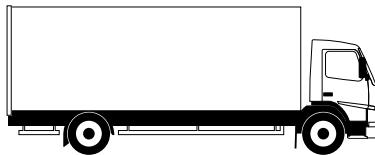
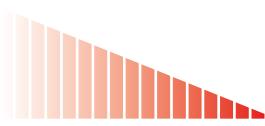
REF [111TP8637](#) – Voltage: 12 V

REF [111TP8638](#) – Voltage: 24 V



BACKSCAN® REAR DETECTION SYSTEM

SYSTÈME DE DÉTECTION ARRIÈRE BACKSCAN® – BACKSCAN® HECKERKENNUNGSSYSTEM



Backscan® is an invaluable driver aid to safety but it does not remove the driver's responsibility to ensure normal safety procedures when reversing.

Features:

- Reverse with enhanced safety and convenience
- Faster, easier and safer manoeuvring
- Prevents accidental damage
- Sleek design, compact size, latest technology
- Super-wide detection angle
- Easy and quick fitting

General:

Backscan® is an ultrasonic rear obstacle detection system, which utilizes the ultrasonic echo principle – transit time method – to help drivers reverse more safely. It is equipped with two pairs of sensors which emit a steady intermittent ultrasonic signal. The sensors both operate as transmitters and receivers, emitting and receiving reflected ultrasonic signals from possible obstacles. The distance from the obstacle is evaluated through the transit time of the evaluated signals and is indicated by a sequence of pulse tones from the warning buzzer. The closer the obstacle, the faster the warning pulse tones until these become constant at 0,45 m.

Technical specifications:

- Dynamic Scanning Memory
- Up to 2,5 m detection range
- 3-stage distance audio warning
- 4-row coloured LED + digital readout visual distance warning
- Fully waterproof control box [IP68]
- Fully waterproof sensors [IP68]
- Operating temperature: buzzer & display -20 °C to 60 °C
- Operating temperature: ECU & sensors -20 °C to 80 °C
- CE and EMC-approved
- RoHS compliant
- Voltage: 12/24 VDC
- Self diagnostic function
- Interchangeable sensors

REF [111TP800](#)



UNIVERSAL CAMERA SET

CAMÉRAS UNIVERSELLES - UNIVERSELLE KAMERASÄTZE

TOTAL SOURCE®
ELECTRONIC ACCESSORIES



Best buy

Included:

- 7" monitor
- Wired infrared camera
- 10 m cable

Recommended optional items:



Spare camera

[REF 111TP9011](#)



10 m cable

[REF 111TP5078](#)



Angled mount bracket

[REF 111TP9528](#)

Wired camera set

This standard camera set gives you the best buy in our range.

The single view 7" monitor with an IP69 camera and 10 m cable is suitable for anyone who is looking for a rearview camera system.

Features:

- Multiple languages: English, Dutch, French, Spanish, Russian, German, Italian
- Normal or mirror view possible
- Separate trigger cable per camera
- 7" single view monitor
- Best buy wired camera system

[REF 111TP8639](#)





UNIVERSAL CAMERA SET

CAMÉRAS UNIVERSELLES – UNIVERSELLE KAMERASÄTZE

TOTAL SOURCE®
ELECTRONIC ACCESSORIES



Included:

- 7" monitor
- Wired infrared camera
- 20 m cable

Recommended optional items:



Spare camera

[REF 111TP9012](#)



20 m cable

[REF 111TP5079](#)



Angled mount
bracket

[REF 111TP9528](#)

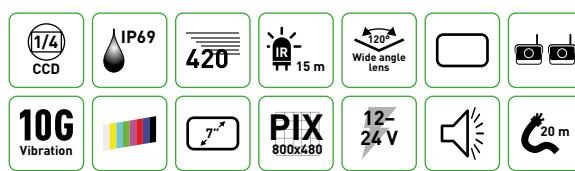
Soft touch wired camera system

With this new soft touch camera set TVH offers a complete system suitable for all machines. Standard equipped with a 7" monitor and 20 m cable so that even the biggest machines can work with this camera set.

Features:

- Multiple languages: English, Dutch, French, Spanish, Russian, German, Italian
- Normal or mirrored view possible
- Separate trigger cable per camera
- 7" improved monitor
- Soft touch menu buttons

[REF 111TP8640](#)





UNIVERSAL CAMERA SET

CAMÉRAS UNIVERSELLES - UNIVERSELLE KAMERASÄTZE

TOTAL SOURCE®
ELECTRONIC ACCESSORIES



Included:

- 7" monitor
- 10–15 hours battery pack
- Wired infrared camera
- Wi-Fi system
- Battery charger

Recommended optional items:



Spare camera

[REF 111TP9529](#)



Extra battery pack

[REF 111TP9014](#)



Angled mount bracket

[REF 111TP9528](#)

Wireless camera system

Sometimes it can be hard to see what is happening in front of the forklift when a big load has been picked up. The result is damage to the package or the persons who weren't seen by the driver.

This wireless camera system combines the advantage of improved safety with an easy installation at a budget price.

Features:

- Multiple menu languages: English, Dutch, French, Spanish, Russian, German, Italian
- Normal or mirrored picture
- Separate trigger control wire on each camera
- 10–15 hours battery life
- Best buy wireless camera system

[REF 111TP8641](#)





UNIVERSAL CAMERA SET

CAMÉRAS UNIVERSELLES – UNIVERSELLE KAMERASÄTZE

TOTAL SOURCE®
ELECTRONIC ACCESSORIES



Included:

- 5,6" monitor with touch menu
- 10–15 hours battery pack
- Wireless infrared camera
- Battery charger

Recommended optional items:



Extra battery pack

[REF 111TP9014](#)



Spare camera

[REF 111TP9013](#)



Angled mounting bracket

[REF 111TP9528](#)

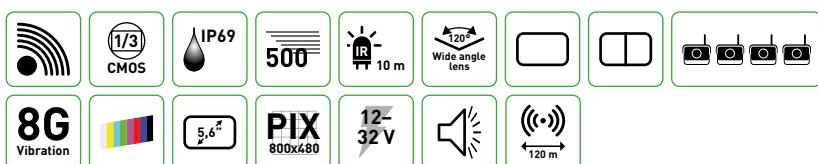
Compact wireless camera system

Do you want a wireless camera system, but there's almost no more room in the cabine? TVH offers a 5,6" wireless camera system with a top quality camera and a modern, ready-to-use monitor.

Features:

- 5,6" monitor with touch menu
- Multiple languages: French, Dutch, English, Spanish, Russian, German, Italian
- Normal or mirror view possible
- Separate trigger cable per camera
- 10–15 hours battery life
- No more broken buttons
- Modern, ready-to-use monitor

[REF 111TP8642](#)





TRAILER KITS CABLE FOR SMALL VEHICLE

KITS DE REMORQUE POUR PETIT VÉHICULE – ANHÄNGERINSTALLATIONSSATZKABEL FÜR KLEINES FAHRZEUG



Specifications:

- Trailer kit used for small vehicle combinations
- Reversing camera trailer cable connector receptacle kit with 1 AV input, for quick and easy connection to your rear-view camera and monitor
- Weather-resistant locking cable connectors and spring-loaded socket covers
- Spring connector cable with 7-pin connector, extends up to 4 m
- Weather-resistant locking 4-pin extension cables
- 15 m cable with male 4-pin lock lead to camera, 5 m cable with female 4-pin lock lead to monitor
- Single cable carries power, ground and video wires. 4-pin connector for connecting to monitor and camera
- Quality, waterproof plug socket for easy and safe plugging & unplugging

Features:

- Length: 15 m + 5 m + coiled cable
- Working length of the coiled cable: 3 m
- Maximum length of the coiled cable: 4 m
- 15 m cable to camera
- 5 m cable to monitor
- Waterproof plug
- 7-pin connector

REF [111TP9790](#)

TRAILER KITS CABLE FOR HEAVY-DUTY

KITS DE REMORQUE CÂBLE POUR POIDS LOURDS – ANHÄNGERINSTALLATIONSSATZKABEL FÜR HOCHLEISTUNGS



Specifications:

- Trailer kit used for heavy-duty use and trailer combinations
- Rear-view camera, industrial-grade shielded spiral hitch cable set, for quick and easy connection to your rear-view camera and monitor
- Weather-resistant locking cable connectors and spring-loaded socket covers
- Spring connector cable, extends up to 4 m
- Weather-resistant locking 4-pin extension cables
- 20 m 4-pin cable connect to camera, 5 m 4-pin cable connect to monitor
- Single cable carries power, ground and video wires. 4-pin connector for connecting to monitor and camera
- Quality, heavy plug socket for easy and safe plugging & unplugging

Features:

- Total length: 20 m + 5 m + 3 m coiled cable
- Working length of the coiled cable: 3 m
- Maximum length of the coiled cable: 4 m
- 20 m 4-pin cable connect to camera
- 5 m 4-pin cable connect to monitor
- Coiled cable with 7-pin connector

REF [111TP9791](#)



ANDERSON YC CONNECTORS

CONNECTEURS ANDERSON YC – ANDERSON YC-BATTERIESTECKER



1

2

3

Wire size: 70 mm²

1. [REF 111TP8643](#) – Plug (aluminium) with contact set
[REF 111TP8644](#) – Contact set
2. [REF 111TP8645](#) – Plug (polycarbonate) with contact set
[REF 111TP8646](#) – Contact set
3. [REF 111TP8647](#) – Receptacle (with contact set)
[REF 111TP8648](#) – Contact set

ANDERSON EC CONNECTORS

CONNECTEURS ANDERSON EC – ANDERSON EC-BATTERIESTECKER



1

2

- Complete connector (housing + contacts)
- Wire size: 70 mm²
- Wire AWG: 2/0

1. [REF 111TP8649](#) – Locking half
2. [REF 111TP8650](#) – Charging half



- Contact set
- Wire AWG: 2/0

[REF 111TP8651](#) – Wire size: 35 mm²
[REF 111TP8652](#) – Wire size: 70 mm²



RAVIOLI TWIN PLUG AND SOCKET CONNECTORS FOR TRAILER AND TOWING MACHINES

CONNECTEURS RAVIOLI POUR REMORQUES ET REMORQUEURS - RAVIOLI-BATTERIESTECKER FÜR ANHÄNGER- UND ZUGMASCHINEN



1



2

- Complete connector (housing + contacts)
- Wire size: 50 mm²

1. **REF 111TP8653** – Socket (female)
2. **REF 111TP8654** – Plug (male)



1

2

- Contact set
- Wire size: 50 mm²

1. **REF 111TP8655** – Female
2. **REF 111TP8656** – Male

TRUCK & TRAILER ACCESSORIES



REMA TWIN PLUG AND SOCKET CONNECTORS FOR TRAILER AND TOWING MACHINES

CONNECTEURS REMA POUR REMORQUES ET REMORQUEURS – REMA-BATTERIESTECKER FÜR ANHÄNGER- UND ZUGMASCHINEN

- Service voltage: max 48 V
- Housing made of polyamide
- Remark: these connectors are supplied with crimp contacts



1



2

Complete connector (housing + contacts)

Fig	Type	Nominal A	Destination amperage	Wire mm ²	REF
1	Plug (male)	160	Battery	35	111TP8657
		200	Battery	50	111TP8658
2	Socket (female)	Fixing holes distance: 82,6 x 48 mm and 80 x 35 mm			
		160	Truck	35	111TP8659
		200	Truck	50	111TP8660



1



2

Complete connector (housing + contacts)

Fig	Type	Nominal A	Destination amperage	Wire mm ²	REF
1	Socket (female)	160	Battery	35	111TP8661
		200	Battery	50	111TP8662
2	Plug (male)	Fixing holes distance: 82,6 x 48 mm			
		160	Truck	35	111TP8663
		200	Truck	50	111TP8664



1



2

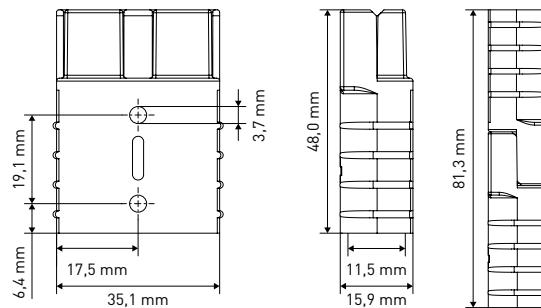
Main contacts

Fig	Description	Wire mm ²	REF
1	Contact male; crimp version	35	111TP8665
	Contact male; crimp version	50	111TP8666
2	Contact female; crimp version	35	111TP8667
	Contact female; crimp version	50	111TP8668



SB50 CONNECTORS

SB50 CONNECTEURS - SB50 STECKER



UL current rating	50 A*
UL voltage ratings	600 V*
Contact barrel wire size	#6 to #16 AWG 13,3 to 1,3 mm ²
Maximum wire insulation diameter	0,44 inches 11,2 mm ²
Avg contact resistance	200 mΩ
Insulation withstanding test voltage	2200 VAC/DC
Contact retention force	50 lbf
Life	To 10 000 A 50 A
a. no load (contact/disconnect cycles)	
b. under load (hot plug 250 cycles @ 120 V)	
Avg. connection/disconnect	10 lbf - low detent 15 lbf - high detent
Operating temperature range	-20 to 105 °C** -4 to 221 °F
Flammability rating of housing material	UL94 V-0

* UL rated for 65 °C largest wire or cable size

** Contact factory for higher temperature rated connector



- SB®, UL and CSA reference: this equipment is an Underwriters Laboratories Inc® recognized component.
- It is also listed by the Canadian Standards Association as certified.

Complete connector: 2-pole housing with 50 A contacts

Housing colour	Wire		REF
	AWG	mm ²	
Grey	#6	13,3	111TP8669
Grey	#10/12	5,3/3,3	111TP8670
Red	#6	13,3	111TP8671
Red	#10/12	5,3/3,3	111TP8748



SB175 CONNECTORS

SB175 CONNECTEURS – SB175 STECKER



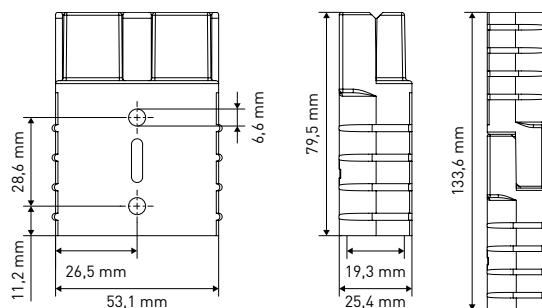
UL current rating	175 A*
UL voltage ratings	600 V*
Contact barrel wire size	#4 to 1/0 AWG 21,1 to 53,5 mm ²
Maximum wire insulation diameter	0,75 inches 19,01 mm ²
AVG contact resistance	100 mΩ
Insulation withstanding test voltage	2200 VAC/DC
Contact retention force	300 lbf
Life	To 10 000 A 75 A
a. no load (contact/disconnect cycles)	
b. under load (hot plug 250 cycles @ 120 V)	
Avg. connection/disconnect	25 lbf (SB 2-pole) 35 lbf (SB 3-pole)
Operating temperature range	-20 to 105 °C** -4 to 221 °F
Flammability rating of housing material	UL94 V-0

* UL rated for 65 °C largest wire or cable size

** Contact factory for higher temperature rated connector



- SB®, UL and CSA reference: this equipment is an Underwriters Laboratories Inc® recognized component.
- It is also listed by the Canadian Standards Association as certified.



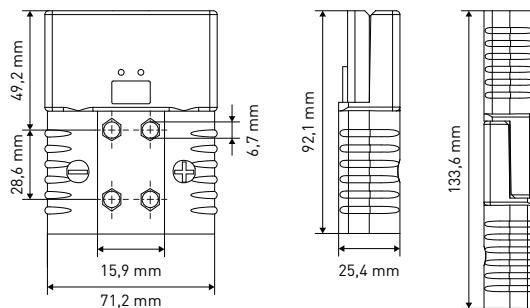
Complete connector: 2-pole housing with 175 A contacts

Housing colour	Wire		REF
	AWG	mm ²	
Grey	1/0	53,5	111TP8672
Grey	#2	33,6	111TP8673
Grey	#4	21,1	111TP8674
Red	1/0	53,5	111TP8675
Red	#2	33,6	111TP8676
Red	#4	21,1	111TP8677



SBX175 CONNECTORS

SBX175 CONNECTEURS - SBX175 STECKER



UL current rating	175 A*
UL voltage ratings	600 V*
Contact barrel wire size	1/0 AWG 50 or 35 mm ²
Maximum wire insulation diameter	0,75 inches 19,1 mm ²
AVG contact resistance	100 mΩ
Insulation withstanding test voltage	2200 VAC/DC
Contact retention force	300 lbf 1334 lbf
Life	To 10 000 A 75 A
a. No load (contact/disconnect cycles)	
b. Under load (hot plug 250 cycles @ 120 V)	
Avg. connection/disconnect	25 lbf 111 lbf
Operating temperature range	-20 to 105 °C** -4 to 221 °F
Flammability rating of housing material	UL94 V-0

* UL rated for 65 °C largest wire or cable size

** Contact factory for higher temperature rated connector



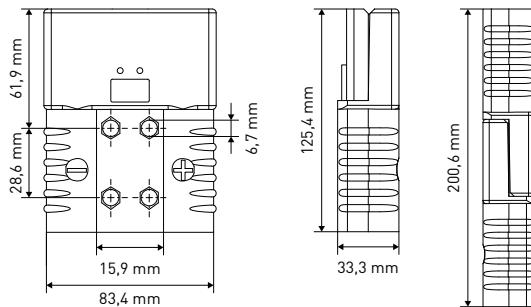
Complete connector: 2-pole housing with 175 A contacts

Housing colour	Wire		REF
	AWG	mm ²	
Orange	/	35	111TP8678
Orange	1/0	53,5	111TP8679
Red	/	35	111TP8680
Red	1/0	53,5	111TP8681
Grey	/	35	111TP8682
Grey	1/0	53,5	111TP8683



SBX350 CONNECTORS

SBX350 CONNECTEURS – SBX350 STECKER



UL current rating	350 A*
UL voltage ratings	600 V*
Contact barrel wire size	2/0 to 300 mcm AWG 67,4 to 152 mm ²
Maximum wire insulation diameter	1,10 inches 27,9 mm ²
Avg contact resistance	50 mΩ
Insulation withstanding test voltage	2200 VAC/DC
Contact retention force	500 lbf 2224 lbf
Life	To 10 000 A
a. No load (contact/disconnect cycles)	100 A*
b. Under load (hot plug 250 cycles @ 120 V)	
Avg. connection/disconnect	30 lbf 133 lbf
Operating temperature range	-20 to 105 °C** -4 to 221 °F
Flammability rating of housing material	UL94 V-0

* UL rated for 65 °C largest wire or cable size

** Contact factory for higher temperature rated connector



Complete connector: 2-pole housing with 350 A contacts

Housing colour	Wire AWG	mm ²	REF
Red	2/0	67,4	111TP8684
Red	3/0	85	111TP8685
Red	4/0	107,2	111TP8686

SB BATTERY CONNECTOR ACCESSORIES

SB CONNECTEURS DE BATTERIE – SB BATTERIESTECKER



1

2

Handle kits – polycarbonate

1. **REF [111TP8687](#)** – For 175/350 A connectors
– Colour: red
2. **REF [111TP8688](#)** – For 50/120 A connectors
– Colour: grey

TRUCK & TRAILER ACCESSORIES



UNIVERSAL PLUG AND SOCKET TRAILER

REMORQUE UNIVERSELLE – UNIVERSALSTECKER UND STECKDOSENANHÄNGER

Universal plug trailer

	5P 12 V DIN 72576 ISO 1724 N-type	7P 12 V DIN 72577 ISO 1724 N-type	7P 24 V DIN 72579 ISO 1185 N-type	7P 24 V ISO 3731 S-type
Synthetic				
	REF 111TP937	REF 111TP938	REF 111TP940	REF 111TP942

Universal socket trailer

	5P 12 V DIN 72576 ISO 1724 N-type	7P 12 V DIN 72577 ISO 1724 N-type	7P 12 V DIN 72577 ISO 1724 N-type with rear, fog light, cut-off	7P 12 V ISO 1724 Coupling socket	7P 24 V DIN 72579 ISO 1185 N-type	7P 24 V ISO 3731 S-type
Synthetic						
	REF 111TP944	REF 111TP946	REF 111TP948	REF 111TP950	REF 111TP951	REF 111TP953
Metal						
	REF 111TP945	REF 111TP947	REF 111TP949		REF 111TP952	REF 111TP954



UNIVERSAL TEST KITS FOR TRAILER SOCKET

REMORQUE UNIVERSELLE – UNIVERSALSTECKER UND STECKDOSENANHÄNGER



1

2

- 1 test plug for testing the trailer wiring including the trailer lighting (battery included) (1 person)
- 1 test plug for testing the wiring of the trailer socket (2 persons)
- Voltage: 12 V

1. [REF 111TP955](#) – 7-pole
2. [REF 111TP956](#) – 13-pole

MICRO-ADAPTER PLUG

ADAPTEUR POUR REMORQUE – MIKRO-ADAPTERSTECKER



From 13-pin plug to 7-pin 12 V socket

[REF 111TP957](#)

TRAILER CABLES

CÂBLES DE REMORQUE – ANHÄNGERKABEL



1

2



Sold per metre

1. [REF 111TP958](#) – 7 x 1,5 mm²
2. [REF 111TP959](#) – 6 x 1 mm² + 1 x 2 mm²

SPIRAL TRAILER CABLES

CÂBLES MULTIBRINS SPIRALÉS POUR REMORQUE – SPIRALKABLE FÜR ANHÄNGER



Cores mm	Diameter cable mm	Diameter spiral mm	Length mm	REF
6 x 1 + 1 x 2,5	10,5	60	3500	111TP960
6 x 1 + 1 x 2,5	10,5	60	4500	111TP961
6 x 1 + 1 x 2,5	10,5	40	3500	111TP962
6 x 1 + 1 x 2,5	10,5	40	4500	111TP963
6 x 1 + 1 x 1,5	10,3	20	3500	111TP964
6 x 1 + 1 x 1,5	10,3	20	4000	111TP965
6 x 1 + 1 x 1,5	10,3	20	4500	111TP966



HEAT-SHRINK TUBING 3/1

GAINES THERMORÉTRACTABLES 3/1 - SCHRUMPF SCHLÄUche 3/1



D mm	Inch	d mm	Colour	REF Per metre
1,6	1/16	0,5	Black	111TP331
3,2	1/8	1	Black	111TP332
6,4	1/4	2	Transparent	111TP333
6,4	1/4	2	Black	111TP334
6,4	1/4	2	Red	111TP335
6,4	1/4	2	Blue	111TP336
9,5	3/8	3	Red	111TP337
9,5	3/8	3	Blue	111TP338
12,7	1/2	4	Transparent	111TP339
12,7	1/2	4	Black	111TP340
12,7	1/2	4	Green	111TP341
12,7	1/2	4	Red	111TP342
12,7	1/2	4	Blue	111TP343
19	3/4	6	Black	111TP344
19	3/4	6	Yellow	111TP345
19	3/4	6	Green	111TP346
19	3/4	6	Transparent	111TP347
19	3/4	6	Black	111TP348
19	3/4	6	Transparent	111TP349
25,4	1	8	Black	111TP350
25,4	1	8	Transparent	111TP351
25,4	1	8	Blue	111TP9795
25,4	1	8	Red	111TP9796
39	1 1/2	13	Black	111TP352



CONNECTORS

CONNEXTEURS – STECKER



3-pole

[REF 111TP4612](#)



3-pole

[REF 111TP4613](#)



- 7-pole
- VEH

[REF 111TP4614](#)



- 7-pole
- VEH

[REF 111TP4615](#)



- 3-pole
- Voltage: 220 V

[REF 111TP4604](#)



- 3-pole
- Voltage: 220 V
- 400 mm

[REF 111TP4605](#)



4-pole

[REF 111TP4632](#)



4-pole

[REF 111TP4633](#)



CABLE SETS

JEUX DE CÂBLES - KABELSÄTZE



- Charging cable with CEKON
- Material: TPE
- Colour: black
- Working length: 3 m
- Core diameter: 110,5 mm

REF 111TP8689

Options:

REF 111TP9787 – Plug CEKON/socket CEKON

- 4-pin

REF 111TP9788 – Plug SC

- 7-pin charging cable

REF 111TP9789 – Socket SC

- 7-pin



- VEHH charging cable PUR
- Material: PUR
- Colour: yellow
- Working length: 3 m
- Core diameter: 60 mm

REF 111TP1881



- VEHH charging cable TPE
- Material: TPE
- Colour: black
- Working length: 3 m
- Core diameter: 110,5 mm
- TPE cables are more rigid and have an increased abrasion resistance

REF 111TP8690



- Adapter cable SmartCharge to CEKON
- Material: PUR
- Colour: yellow
- Working length: 3 m
- Core diameter: 60 mm

REF 111TP8691



CABLE SETS

JEUX DE CÂBLES – KABELSÄTZE



- Spiral cable
- Colour: black
- 2 x Y175
- Working length: 3 m

REF [111TP8692](#)



- Twin cable
- Colour: black
- 2 x SBX175
- Working length: 3 m

REF [111TP8693](#)



CARGO LIGHT TIMER RELAY

INTERRUPEUR TEMPORISE - LADELICHT-ZEITRELAIS



Refrigerated cargo light timer relay

REF 111TP8618 – Voltage: 12/24 V

TRUCK & TRAILER ACCESSORIES



INDUSTRIAL AC PLUGS 200–250 V AC, 50–60 Hz, IP44

FICHES SECTEUR INDUSTRIELLES 200–250 V AC, 50–60 Hz, IP44 – INDUSTRIELLE WECHSELSTROMSTECKER 200–250 V AC, 50–60 Hz, IP44

Female wall plug



Amperage		REF
16	2P + $\frac{1}{2}$	111TP353
32		111TP354
16	3P + $\frac{1}{2}$	111TP355
32		111TP356
16	3P + N + $\frac{1}{2}$	111TP357
32		111TP358

Female plug



Amperage		REF
16	2P + $\frac{1}{2}$	111TP359
32		111TP360
16	3P + $\frac{1}{2}$	111TP361
32		111TP362
16	3P + N + $\frac{1}{2}$	111TP363
32		111TP364

Male wall plug



Amperage		REF
16	2P + $\frac{1}{2}$	111TP365
32		111TP366
16	3P + $\frac{1}{2}$	111TP367
32		111TP368
16	3P + N + $\frac{1}{2}$	111TP369
32		111TP370

Male plug



Amperage		REF
16	2P + $\frac{1}{2}$	111TP371
32		111TP372
16	3P + $\frac{1}{2}$	111TP373
32		111TP374
16	3P + N + $\frac{1}{2}$	111TP375
32		111TP376

INDUSTRIAL AC PLUGS 380–415 V AC, 50–60 Hz, IP44

FICHES SECTEUR INDUSTRIELLES 380–415 V AC, 50–60 Hz, IP44 – INDUSTRIELLE WECHSELSTROMSTECKER 380–415 V AC, 50–60 Hz, IP44

Female wall plug



Amperage		REF
16	3P + $\frac{1}{2}$	111TP377
32		111TP378
16	3P + N + $\frac{1}{2}$	111TP379
32		111TP380

Female plug



Amperage		REF
16	3P + $\frac{1}{2}$	111TP381
32		111TP382
16	3P + N + $\frac{1}{2}$	111TP383
32		111TP384

Male wall plug



Amperage		REF
16	3P + $\frac{1}{2}$	111TP385
32		111TP386
16	3P + N + $\frac{1}{2}$	111TP387
32		111TP388

Male plug



Amperage		REF
16	3P + $\frac{1}{2}$	111TP389
32		111TP390
16	3P + N + $\frac{1}{2}$	111TP391
32		111TP392

Also IP67 available. Contact us for more details.



PHASE INVERTERS

PRISE INVERSEUR - PHASENWENDER



- Voltage: 380/415 V
- Amperage: 16 A
- Length: 129 mm
- Colour: red

[REF 111TP8705](#)



- Voltage: 380/415 V
- Amperage: 16 A
- Length: 132 mm
- Colour: red

[REF 111TP8704](#)



- Voltage: 380/415 V
- Amperage: 32 A
- Length: 149 mm
- Colour: red

[REF 111TP8706](#)



- Voltage: 380/415 V
- Amperage: 32 A
- Length: 154 mm
- Colour: red

[REF 111TP8707](#)

COOLING FANS FOR REFRIGERATION UNITS

LES VENTILATEURS DE REFROIDISSEMENT POUR LES UNITÉS DE RÉFRIGÉRATION - KÜHLGEBLÄSE FÜR KÜHLGERÄTE



- Motor type: DC
- Speed selection: single speed

Voltage	Diameter mm	Dimensions mm	Flow m³/h	REF
24	412	397 x 51,6	1920	111TP8697
12	412	397 x 87,5	3430	111TP8698
24	412	397 x 87,6	3540	111TP8699



SOLENOIDS FOR REFRIGERATION UNITS

SOLÉNOÏDES POUR LES UNITÉS DE RÉFRIGÉRATION – SOLENOIDS FÜR KÄLTEANLAGEN



- Used on Yanmar (Thermo King)
- Voltage: 12 V
- Number of connections: 3
- Mounting style: flange
- Plunger type: no thread
- Plunger diameter: 4 mm
- Spring: yes

REF [111TP8700](#)



- Used on Kubota (Carrier)
- Voltage: 12 V
- Number of connections: 3
- Mounting style: flange
- Plunger type: no thread
- Plunger diameter: 6,35 mm
- Spring: yes

REF [111TP8701](#)



- Used on Kubota (Carrier)
- Voltage: 12 V
- Number of connections: 3
- Mounting style: flange
- Plunger type: no thread
- Plunger diameter: 4 mm
- Spring: yes

REF [111TP8702](#)



- Used on Yanmar
- Voltage: 12 V
- Number of connections: 3
- Mounting style: flange
- Plunger type: no thread
- Plunger diameter: 4 mm
- Spring: yes

REF [111TP8703](#)



FUEL PUMPS FOR REFRIGERATION UNITS

LES POMPES À CARBURANT POUR LES UNITÉS DE RÉFRIGÉRATION - KRAFTSTOFFPUMPEN FÜR KÜHLGERÄTE



- Dimensions: 205 x 90 mm
- Thread: M14
- Pump with suction

[REF 111TP8694](#)



- 9–11,5 psi
- 30 GPH
- 80 µ filter
- Min dry lift 120" fitting 1/8"-
27 INT

REF 111TP8695 – Voltage: 12 V
REF 111TP8708 – Voltage: 24 V



- Voltage: 12 V
- 9–11,5 psi
- 32 GPH
- 80 µ filter
- Min dry lift 36" fitting 1/8"-
27 INT

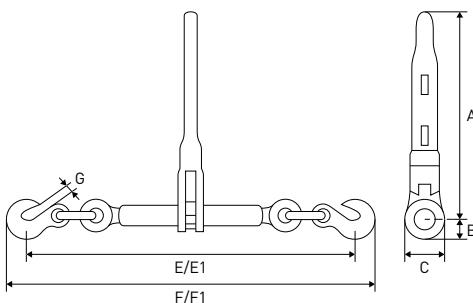
[REF 111TP8709](#)

TRUCK & TRAILER ACCESSORIES



LOAD BINDERS

TENDEURS D'ARRIMAGE – RATCHENLASTSPANNER



Chain dia mm	LC/kN	Length mm	A mm	B mm	C mm	E mm	E1 mm	F mm	F1 mm	G mm	Weight kg	REF
8	40	341	353,57	33,02	66,04	575,06	778,26	641,1	844,3	12,95	4,76	111TP632
10	63	354	353,57	33,02	66,04	612,9	816,1	686,82	890,02	14,99	5,85	111TP633
13	106	354	353,57	33,02	66,04	671,83	875,03	763,78	966,98	18,8	6,53	111TP634

RACHET BINDERS

TENDEURS D'ARRIMAGE À CLIQUET – ZURRGURTE



1

2

Manufactured following directive EN 12195-2

Fig	Length mm	Capacity kg	SHF daN	STF daN	REF
1	9000	2500/5000	50	350	111TP616
2	12 000	5000/10000	50	500	111TP625

LOAD PROTECTION NETS

FILETS DE PROTECTIONS DE CHARGE – LASTSCHUTZNETZE



Load protection safety net in braided polypropylene (without knots)

- For passenger car trailers, agricultural trailers, open containers, truck loading areas, etc.
- Retracted rubber tightening cord diameter 5 mm for safe wrapping and simple fastening
- Reinforced stable edge due to sewn-in cords with additional fastening loops at the corners

REF [111TP8753](#) – 2,5 x 1,6 m

REF [111TP8752](#) – 2,5 x 2 m

REF [111TP8751](#) – 3 x 2,5 m

REF [111TP8750](#) – 5 x 2,5 m

REF [111TP8749](#) – 8 x 3,5 m



EDGE PROTECTORS

ANGLES DE PROTECTION - ECKENSCHÜTZER



Dimensions: 230 x 160 mm

REF 111TP8710 – Black

REF 111TP8711 – Red



- Dimensions: 130 x 100 mm
- Black

REF 111TP8714



- Dimensions: 175 x 150 mm
- Paper roll

REF 111TP8715



SAFETY TRESTLE

TRÉTEAU DE SÉCURITÉ – STÜTZBOCK



- Load capacity: 15 000 kg
- Minimum height: 1080 mm
- Maximum height: 1300 mm
- Width: 550 mm
- Length: 1200 mm
- Own weight: 50 kg
- Foldaway wheels for easier movement
- Supporting beam made of durable oak
- 5 preset heights
- Weight is spread over the supporting beam
- Prevents your trailer from tipping

[REF 111TP143](#)

SAFETY JACK

CRIC DE SÉCURITÉ – MASCHINENHEBER

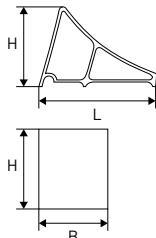


- Load capacity: 22 700 kg
- Minimum height: 1070 mm
- Maximum height: 1350 mm
- Screw mechanism with removable handle
- With wheels for easy movement
- Prevents your trailer from tipping

[REF 111TP144](#)

WHEEL CHOCK

CALE, ACIER – UNTERLEGKEIL, STAHL



- Length: 300 mm
- Height: 200 mm
- Width: 178 mm
- Weight: 3,15 kg
- For use in loading and unloading docks

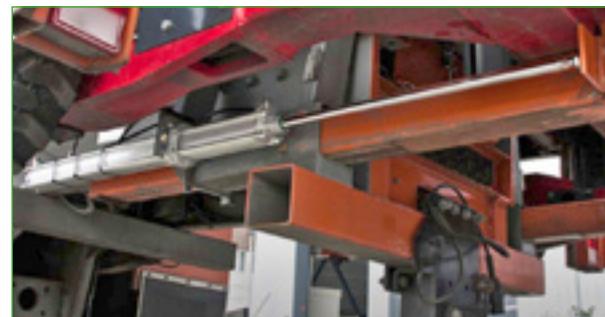
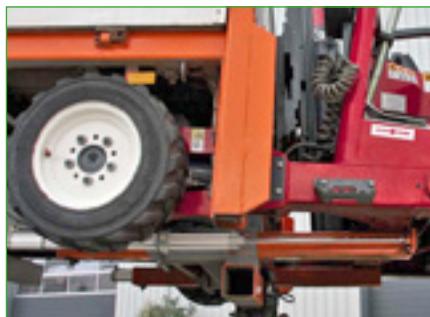
[REF 111TP145](#) – With handle on right-hand side

[REF 111TP146](#) – With handle on left-hand side



PNEUMATIC SET FOR MOUNTING BRACKET FOR A TRUCK MOUNTED FORKLIFT

ENSEMBLE PNEUMATIQUE POUR LE SUPPORT DE MONTAGE POUR UN CHARIOT ÉLÉVATEUR À FOURCHE MONTÉ SUR CAMION -
PNEUMATISCHER SATZ FÜR BEFESTIGUNGSBÜGEL FÜR EINEN AUTO-GABELSTAPLER



Pneumatic cylinder set for the transport frame of your trailer-mounted forklift to slide out automatically.

Contents:

- 2 pneumatic cylinders
- Hand-operated valve
- Pressure regulator
- Hose and connection materials

REF 111TP8720 – Height: 700 mm

REF 111TP9530 – Height: 800 mm



STANDARD PALM COUPLINGS WITHOUT FILTER

RACCORDS DE PALME STANDARD SANS FILTRE – STANDARD PALMKUPPLUNGEN OHNE FILTER



REF 111TP820 – M16 x 1,5 mm
REF 111TP821 – M22 x 1,5 mm

REF 111TP822 – M16 x 1,5 mm
REF 111TP823 – M22 x 1,5 mm

REF 111TP824 – M22 x 1,5 mm



REF 111TP825 – 1/2"

REF 111TP826 – 1/2"

METRIC AUTOMATIC PALM COUPLINGS WITHOUT FILTER

RACCORDS DE PALME STANDARD SANS FILTRE – STANDARD PALMKUPPLUNGEN OHNE FILTER



REF 111TP827 – M16 x 1,5 mm
REF 111TP828 – M22 x 1,5 mm

REF 111TP829 – M16 x 1,5 mm
REF 111TP830 – M22 x 1,5 mm

STANDARD PALM COUPLINGS WITHOUT FILTERS

RACCORDS DE PALME STANDARD SANS FILTRE – STANDARD PALMKUPPLUNGEN OHNE FILTER



Colour	Pneumatic thread (inside) mm	Mounting thread mm	Test connector	REF
Supply/red	M16 x 1,5	M24 x 1,5	No	111TP831
Control/ yellow	M16 x 1,5	M24 x 1,5	No	111TP832
Control/ yellow	M16 x 1,5	M24 x 1,5	Yes	111TP833



AIR PRESSURE PARTS

RACCORDS PRESSION D'AIR - EINSCHRAUBSTUTZEN



Spiraled air hose connection

REF 111TP834 – M16

REF 111TP835 – M22

HAND GRIPS SET - RED & YELLOW

JEU DE POIGNÉES ROUGES ET JAUNES - HANDGRIFF-SATZ



Can be screwed onto the coupling heads M16 x 1,5 mm and allow for easier connection

REF 111TP836



BRAKE HOSE

DURIT DE FREIN – BREMSSCHLAUCH



- M18 x 1,5 mm
- Yellow
- 20 loops
- DIN 74324
- Female
- Internal thread
- Heavy-duty
- High resistance to kinking

REF [111TP837](#)



- M18 x 1,5 mm
- Red
- 20 loops
- DIN 74324
- Female
- Internal thread

REF [111TP838](#)



- M16 x 1,5 mm
- Yellow
- 20 loops
- DIN 74324
- Male
- External thread

REF [111TP839](#)

- M22 x 1,5 mm
- Yellow
- 20 loops
- DIN 74324
- Male
- External thread

REF [111TP840](#)



- M16 x 1,5 mm
- Red
- 20 loops
- DIN 74324
- Male
- External thread

REF [111TP841](#)

- M22 x 1,5 mm
- Red
- 20 loops
- DIN 74324
- Male
- External thread

REF [111TP842](#)



- Brake hose set – blue and red
- 1/2"
- SAE J844
- External thread
- Connection: NPTF 1/2"
- Max working length: 15"

REF [111TP843](#)



QUICK-RELEASE COUPLING

RACCORD RAPIDE - SCHNELLKUPPLUNG

	Tube outer dia mm	A mm	B mm	C mm	REF
T-coupling	4	35	24	18	111TP844
	5	35	24	18	111TP845
	6	40	27	20	111TP846
	8	42	30	21	111TP847
	10	50	35	25	111TP848
	12	65	44	32	111TP849
	15	73	50	37	111TP850
	18	89	61	44	111TP851
	22	98	67	49	111TP852
	28	121	85	61	111TP853
Elbow coupling	4	24	24	18	111TP854
	5	24	24	18	111TP855
	6	27	27	20	111TP856
	8	30	30	21	111TP857
	10	35	35	25	111TP858
	12	44	44	32	111TP859
	15	50	50	37	111TP860
	18	60	60	44	111TP861
	22	67	67	49	111TP862
	28	85	85	61	111TP863
Straight coupling	4	32	14		111TP864
	5	32	14		111TP865
	6	35	15		111TP866
	8	42	18		111TP867
	10	42	20		111TP868
	12	51	23		111TP869
	15	62	28		111TP870
	18	65	32		111TP871
	22	71	36		111TP872
	28	91	49		111TP873



AIR BRAKE PIPES

TUYAUX POUR FREIN PNEUMATIQUE – LUFTBREMSLEITUNGEN



Dimensions mm	Colour	REF	Dimensions mm	Colour	REF
4 x 1	Black	111TP874	15 x 1,5	Black	111TP906
4 x 1	White	111TP875	15 x 1,5	Yellow	111TP907
6 x 1	Black	111TP876	15 x 1,5	Red	111TP908
6 x 1	Blue	111TP877	16 x 2	Black	111TP909
6 x 1	Yellow	111TP878	18 x 2	Black	111TP910
6 x 1	Green	111TP879	18 x 2	Red	111TP911
6 x 1	Orange	111TP880	10 x 1,25	Black	111TP912
6 x 1	Red	111TP881	10 x 1,25	Blue	111TP913
6 x 1	White	111TP882	10 x 1,25	Yellow	111TP914
8 x 1	Black	111TP883	10 x 1,25	Green	111TP915
8 x 1	Blue	111TP884	10 x 1,25	Orange	111TP916
8 x 1	Yellow	111TP885	10 x 1,25	Red	111TP917
8 x 1	Green	111TP886	10 x 1,25	Purple	111TP918
8 x 1	Orange	111TP887	10 x 1,25	White	111TP919
8 x 1	Red	111TP888	4 x 1	Black	111TP920
8 x 1	Violet	111TP889	6 x 1	Black	111TP921
8 x 1	White	111TP890	8 x 1,5	Black	111TP922
10 x 1,5	Black	111TP891	8 x 1	Black	111TP923
10 x 1,5	Yellow	111TP892	9 x 1,5	Black	111TP924
10 x 1,5	Red	111TP893	10 x 1,5	Black	111TP925
10 x 1	Black	111TP894	10 x 1	Black	111TP926
10 x 1	Blue	111TP895	11 x 1,5	Black	111TP927
10 x 1	Yellow	111TP896	12 x 2	Black	111TP928
10 x 1	Red	111TP897	12 x 1,5	Black	111TP929
10 x 1	White	111TP898	14 x 2	Black	111TP930
11 x 1,5	Black	111TP899	15 x 2	Black	111TP931
12 x 1,5	Black	111TP900	15 x 1,5	Black	111TP932
12 x 1,5	Blue	111TP901	16 x 2	Black	111TP933
12 x 1,5	Yellow	111TP902	18 x 2	Black	111TP934
12 x 1,5	Red	111TP903	22 x 2	Black	111TP935
14 x 2	Black	111TP904	10 x 1,25	Black	111TP936
15 x 2	Red	111TP905			



BUCKLE GALVANISED

BOUCLE GALVANISÉE - SCHNALLE VERZINKT



Dimensions: 150 x 57 mm

[REF 111TP8721](#)

BUCKLE STAINLESS STEEL

BOUCLE EN ACIER INOXYDABLE - SCHNALLE EDELSTAHL



Dimensions: 100 x 40 mm

[REF 111TP8722](#)

BUCKLE BELT GALVANISED

BOUCLE GALVANISÉE DE SANGLE - SCHNALLE GÜRTEL VERZINKT



Set

[REF 111TP8724](#)



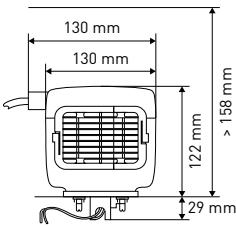
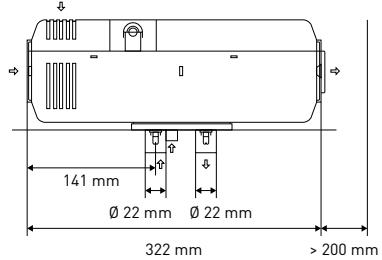
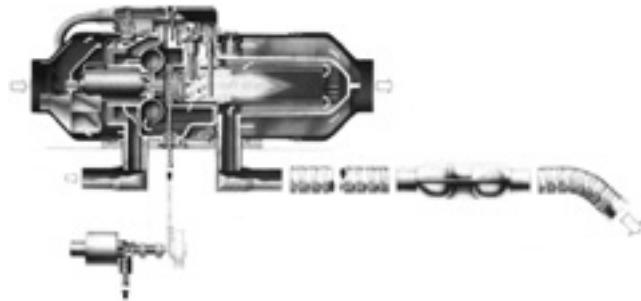
Grey

[REF 111TP8725](#)



CAB HEATERS

CHAUFFAGE DE CABINE – KABINENEIZUNGEN



- Performance: 2000 W
- Low consumption: max 0,24 l/h
- Mounting kit: complete with exhaust tube, performance switch, pump 12 or 24 V, cables and terminals

REF 111TP8726 – Voltage: 12 V

REF 111TP8727 – Voltage: 24 V

No water or oil required

Easy-to-fit cab heating



BATTERY CHARGER

CHARGEUR DE BATTERIE – LADEGERÄTE BATTERIEN



General information TC2020:

- Two separate chargers
- Independent of alternator output voltage
- High efficiency
- Microprocessor technology
- Easy programmable
- Temperature compensation
- Remote display

Technical specifications:

- Input voltage: 12/35 V
- Charging current: programmable 5, 10, 15 or 20 A per channel
- Battery type: programmable for all types of lead acid batteries
- Charging method: 3 stage (bulk charge, absorption and float charge)
- Temperature compensation: -20 to 40 °C
- Protected against: wrong polarity, short circuit and overload
- Dimensions (L x W x H): 270 x 250 x 150 mm
- Weight: 3,1 kg

REF [111TP8728](#)

Trailer Charge battery charging system

The Trailer Charge battery charging system makes sure that the batteries on board in the trailer are always perfectly charged, independent of the alternator voltage and power losses in the cables between truck and trailer. Severe frost or Mediterranean heat, Trailer Charge keeps your batteries in excellent condition, ready for your next customer.

Program key:

The settings for charging current and battery type can only be changed by using an electronic key. As soon as the key is plugged in, the chargers enter the programming mode. In this mode the settings can easily and quickly be changed using the program buttons on the unit. Without the programming key the parameters can not be changed. An optional remote display unit, to be fitted on the outside of the trailer, can be connected to the Trailer Charge unit. Two sets of LED's shows the state of charge of the two sets of batteries. The remote display units are built according to the customer's specification.

REF [111TP9797](#)



DC/AC CONVERTERS WITH 12/24 V INPUT

CONVERTISSEURS DC/AC - DC/AC-WANDLER

Technical specifications

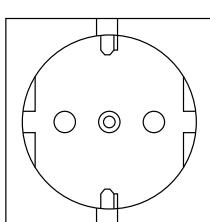
- Output voltage: 230 VAC 50 Hz
- Modified sine wave
- With ON/OFF-switch and LED-indicator
- Input protection:**
 - Over- and undervoltage
 - Low battery alarm and shutdown
- Output protection:**
 - Short circuit
 - Overload
 - Overheating



	12 VDC	24 VDC
Input voltage range	10,5–15 V	20,5–29,8 V
Low voltage shutdown at	< 9,8 V	< 19,8 V
High voltage shutdown at	> 15,6 V	> 30,1 V

	Dimensions L x W x H mm	Input voltage VDC	Max continuous power W	Surge capacity W	REF
	85 x 75 x 43	12	150	300	111TP1118
	150 x 102 x 55,5	12	300	600	111TP1119
		24			111TP1120
	200 x 102 x 55,5	12	500	1000	111TP1121
		24			111TP1122
	262 x 154 x 72	12	800	1600	111TP1123
		24			111TP1124
	205 x 146 x 60	12	1000	2000	111TP1125
		24			111TP1126
	250 x 146 x 60	12	1500	3000	111TP1127
		24			111TP1128
	395 x 180 x 75	12	2000	4000	111TP1129
		24			111TP1130
	395 x 180 x 140	12	3000	6000	111TP1131
		24			111TP1132

Accessories



All our DC/AC-converters are supplied with an output plug European type.

- For other outputs, our universal adapter can be used.
- For use in UK, USA, Denmark, Switzerland, Middle East, South America, Russia, Germany, Egypt, Italy, Australia and Taiwan.

REF [111TP5104](#)



**DC/DC CONVERTERS FOR UNIVERSAL APPLICATIONS**

CONVERTISSEURS DC/DC POUR APPLICATIONS UNIVERSELLES - DC/DC-WANDLER FÜR UNIVERSELLE ANWENDUNGEN



24/12 V converters

Dimensions W x H x L mm	Input voltage VDC	Output voltage VDC	Output current A	Output power W	REF
102 x 51 x 80	24	12	5	60	111TP1115
102 x 51 x 150	24	12	20	240	111TP1116
100 x 50 x 150	24	12	30	360	111TP1117



- 80/120 W converters
- Short-circuit protection
- Resistant against peak voltages up to 10 times the input voltage
- Temperature range: -25 °C to 60 °C
- Fully insulated output (galvanically separated)
- High efficiency
- Input protected against overloading and reverse connection
- LED for operational status

Dimensions W x H x L mm	Input voltage VDC	Output voltage VDC	Output current A	Output power W	REF
77 x 70 x 161	12	24	3,3	80	111TP8729



DOCUMENT HOLDERS

PORTE-DOCUMENTS - DOKUMENTHALTER



- Universal document holder
- Length: 370 mm
- Inner length: 325 mm
- Inner diameter: 70 mm
- Material: PVC
- Supplied with brackets

[REF 111TP810](#)



- Steel bracket for document holder
- M8 – Thread fitting

[REF 111TP5093](#)



- Universal document holder
- Length: 400 mm
- Outer dimensions: 355 x 88 mm
- Inner dimensions: 348 x 82 mm
- Material: polypropylene

[REF 111TP8730](#)



- Waterproof document holder with safety symbol
- Length: 320 mm
- Outer dimensions: 318 x 55 mm
- Inner dimensions: 314 x 50 mm
- Material: polypropylene

[REF 111TP8754](#)



- Waterproof
- For A4 documents
- Outer dimensions: 365 x 280 x 55 mm
- Inner dimensions: 320 x 220 x 30 mm
- Material: high-density polyethylene

[REF 111TP8731](#)



- Waterproof
- For A5 documents
- Outer dimensions: 295 x 195 x 45 mm
- Inner dimensions: 230 x 160 x 15 mm
- Material: high-density polyethylene

[REF 111TP8732](#)



TRUCK & TRAILER ACCESSORIES

LOOSE WHEEL NUT INDICATORS

INDICATEURS DE ROUE DESSERRÉS – LOSE RADMUTTERNANZEIGEN

The loose wheel nut indicator is an easy-to-use and cost-effective product that provides immediate certainty if any of the wheel nuts have come loose, through a quick visual inspection.

Daily inspection:

After installing the **loose wheel nut indicators**, the driver is advised to perform a daily visual inspection of his vehicle or trailer. These **loose wheel nut indicators** can also be installed during a “first-use” inspection of a new or different vehicle. They increase **safety**, facilitate **technical inspections** and **reduce wheel nut-related problems**. Fortunately wheel loss occurs only rarely. Loose wheel nuts however frequently cause damage to tyres, rims, hubs and wheel nuts.



Sizes, range and colours	
Loose wheel nut indicators are available in a range of sizes:	
mm	Fluorescent yellow
25	111TP8733
26	111TP8734
27	111TP8735
28	111TP8736
29	111TP8737
30	111TP8738
31	111TP8739
32	111TP8740
33	111TP8741
34	111TP8742
35	111TP8743
36	111TP8744
38	111TP8745
40	111TP8746
41	111TP8747



LEATHERMAN SKELETOOL

OUTIL MULTIF – LEATHERMAN SKELETOOL



The Leatherman Skeletool has a stainless steel combo blade, pliers, bit driver, removable pocket clip and karabiner/bottle opener. The Skeletool is just what you need in one good-looking package.



Contents:

- Needlenose pliers
- Regular pliers
- Hard wire cutter
- Wire cutter
- 420HC combo knife*
- Karabiner/bottle opener
- Large bit driver

Features:

- Handle bit storage
- Locking blade
- Replaceable pocket clip
- Outside accessible features
- One-hand operable features
- Blade length: 66 mm (2,6")
- Closed length: 100 mm (4")
- Weight: 142 g
- 25 year warranty

* 420HC contains a higher carbon content than 420 stainless. The HC stands for "high carbon". 420HC can be brought to a higher hardness than 420 and is therefore not the same as 420.

REF 111TP9812



HIGH-VISIBILITY VEST

CHAQUETA DE SEGURIDAD – SICHERHEITSJACKEN



Perfect to wear over your coat

REF 111TP233 – S/M

REF 111TP234 – L/XL

REF 111TP235 – XXL/XXXL



SAFETY JACKETS YELLOW

CHAQUETA DE SEGURIDAD JAUNE – SICHERHEITSJACKEN GELB



EN 471

REF 111TP228 – M

REF 111TP229 – L

REF 111TP230 – XL

REF 111TP231 – XXL

REF 111TP232 – XXXL

DRIVER GLOVES

GANTS D'HIVER – WINTERHANDSCHUHE



For loading and unloading

REF 111TP9798 – Size: 10

REF 111TP9799 – Size: 11



ACTION NUBUCK SHOE (EN ISO 20345 2011 S3 SRC) - 7235B

CHAUSSURE BASSE EN NUBUK (EN ISO 20345 2011 S3 SRC) - 7235B - SCHUHE ACTION-NUBUKLE (EN ISO 20345 2011 S3 SRC) - 7235B



- Upper: waterproof action nubuck with nylon inserts
- Outsole: Dual desity polyurethane
- Toe cap: steel, 200 joules
- Penetration-proof insole: stainless steel
- Underfoot cover: carbon, anatomically shaped



[REF 111TP9800](#) – Size: 38

[REF 111TP9801](#) – Size: 39

[REF 111TP9802](#) – Size: 40

[REF 111TP9803](#) – Size: 41

[REF 111TP9804](#) – Size: 42

[REF 111TP9805](#) – Size: 43

[REF 111TP9806](#) – Size: 44

[REF 111TP9807](#) – Size: 45

[REF 111TP9808](#) – Size: 46

[REF 111TP9809](#) – Size: 47

EUROPEAN FIRST-AID CAR KIT

TROSSE DE PREMIERS SECOURS EUROPÉENNE – EUROPÄISCHER FAHRZEUG-VERBANDKASTEN



Small first-aid kit, ideal for use in cars ...



Dimensions: 263 x 170 x 83 mm

Contents:

- 1 triangular bandage TNT 96 x 96 x 136 cm
- 2 adhesive plasters 10 x 6 cm
- 1 pair of scissors 10 cm
- 1 pair of plastic tweezers
- 1 cotton wool pack 20 g
- 1 pack of 10 assorted adhesive plasters
- 2 gauze bandages 7 cm
- 1 adhesive plaster roll 5 x 2,5 cm
- 1 pair of gloves
- 2 packs of sterile TNT pads 1 x 1 cm
- 1 instant ice pack
- Guidance leaflet 5 languages

[REF 111TP208](#)



EMERGENCY HAMMER

MARTEAU DE SECOURS - NOTFALL-HAMMER



- To mount inside the cabin
- Emergency hammer with seat-belt cutting blade incl. bracket
- Hardened metal tip

REF [111TP819](#)

TRAFFIC CONES

CÔNES DE SÉCURITÉ - VERKEHRSKEGEL



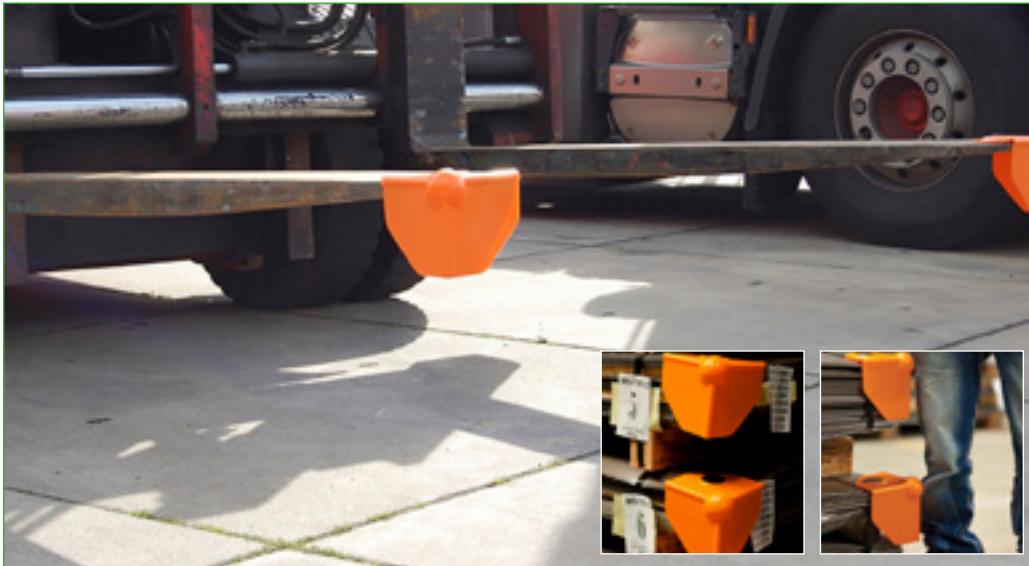
Height: 300 mm

REF [111TP112](#)



MAGPROTECT

MAGPROTECT – MAGPROTECT



MagProtect

re-usable safety corner

The MagProtect is a re-usable safety corner with a powerful custom-made magnet.

The use of the MagProtect will drastically decrease the risk of industrial accidents.

High-quality magnets ensure the corner protector will always stay in place. This way hazardous situations belong to the past.

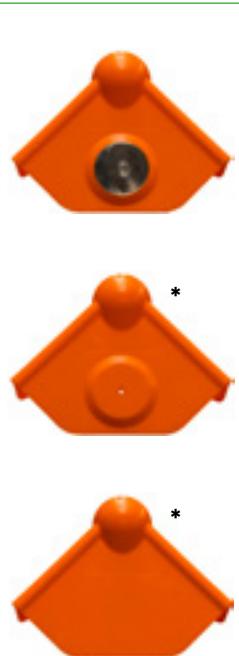
The MagProtect can easily be attached to and removed from any metal construction.

- # of magnets: 1
- Non-magnet sides: flat
- Weight: 254 g
- Dimensions: 150 x 150 mm
- Working temperature: from -20 °C (-4 °F) up to 80 °C (176 °F)
- Magnet type: neodymium pot magnet
- Material: CP284R heterophasic copolymer
- Standard color: traffic orange
- Special options: other colours and glow-in-the-dark, imprint of your company name or logo



REF 111TP9810 – Pull force: 25 kg
– Colour: orange

REF 111TP9811 – Pull force: 65 kg
– Colour: red-white reflecting



The advantages:

- Safety in the workplace
- Clear marking
- Cost-effective
- Durable materials
- Easy to (dis) assemble
- Applicable to steel (via magnet) and wood* (via nails or screws)
- Stackable (therefore spacesaving)

* On request





**UNIVERSAL PARTS &
TOOLS**



O-RINGS

JOINTS TORIQUES - O-RINGE



Info	REF	Info	REF
Ø 9,25 x 1,78 mm	111TP2335	Ø 55 x 3 mm	111TP2368
Ø 11 x 1,7 mm	111TP2336	Ø 55 x 4 mm	111TP2369
Ø 14 x 1,7 mm	111TP2337	Ø 60 x 3 mm	111TP2370
Ø 15 x 2 mm	111TP2338	Ø 60 x 5 mm	111TP2371
Ø 16 x 2 mm	111TP2339	Ø 60 x 6 mm	111TP2372
Ø 16 x 2,5 mm	111TP2340	Ø 62 x 5 mm	111TP2373
Ø 16,4 x 2 mm	111TP2341	Ø 65 x 4 mm	111TP2374
Ø 17 x 2,5 mm	111TP2342	Ø 72 x 5 mm	111TP2375
Ø 17 x 3,53 mm	111TP2343	Ø 75 x 4 mm	111TP2376
Ø 19 x 1,6 mm	111TP2344	Ø 80 x 3 mm	111TP2377
Ø 19 x 3 mm	111TP2345	Ø 80 x 5 mm	111TP2378
Ø 20 x 3 mm	111TP2346	Ø 85 x 3 mm	111TP2379
Ø 21 x 2 mm	111TP2347	Ø 85 x 4 mm	111TP2380
Ø 22 x 2 mm	111TP2348	Ø 85 x 5 mm	111TP2381
Ø 22 x 3 mm	111TP2349	Ø 88,5 x 3,53 mm	111TP2382
Ø 25 x 3 mm	111TP2350	Ø 89,3 x 5,7 mm	111TP2383
Ø 29 x 4 mm	111TP2351	Ø 90 x 3 mm	111TP2384
Ø 30 x 5 mm	111TP2352	Ø 90 x 5 mm	111TP2385
Ø 30,2 x 3 mm	111TP2353	Ø 95 x 4 mm	111TP2386
Ø 35 x 3 mm	111TP2354	Ø 95 x 5 mm	111TP2387
Ø 35 x 4 mm	111TP2355	Ø 99 x 5,7 mm	111TP2388
Ø 37 x 3 mm	111TP2356	Ø 100 x 5 mm	111TP2389
Ø 37 x 4 mm	111TP2357	Ø 105 x 3 mm	111TP2390
Ø 37 x 5 mm	111TP2358	Ø 105 x 4 mm	111TP2391
Ø 40 x 5 mm	111TP2359	Ø 110 x 4 mm	111TP2392
Ø 42 x 5 mm	111TP2360	Ø 110 x 5 mm	111TP2393
Ø 45 x 2,5 mm	111TP2361	Ø 115 x 3 mm	111TP2394
Ø 45 x 4 mm	111TP2362	Ø 115 x 4 mm	111TP2395
Ø 45 x 5 mm	111TP2363	Ø 120 x 5 mm	111TP2396
Ø 50 x 2,8 mm	111TP2364	Ø 120 x 6 mm	111TP2397
Ø 50 x 4 mm	111TP2365	Ø 125 x 3 mm	111TP2398
Ø 50 x 5 mm	111TP2366	Ø 125 x 4 mm	111TP2399
Ø 52 x 5 mm	111TP2367	Ø 145 x 4 mm	111TP2400



CU-SEALS

JOINTS CU – CU-DICHTUNGEN



Diameter Inch	Dimensions mm	REF
1/8	10,37 x 15,88 x 2	111TP4506
1/4	13,74 x 20,57 x 2	111TP4507
3/8	17,28 x 23,08 x 2	111TP4508
1/2	21,54 x 28,58 x 2,5	111TP4509
1 1/4	42,93 x 52,38 x 3,2	111TP4510
1 1/2	48,44 x 58,06 x 3,2	111TP4511
2	60,58 x 73,03 x 3,2	111TP4512



Diameter	Dimensions mm	REF
M5	5,07 x 9 x 1	111TP4513
M6	6,07 x 11 x 1	111TP4514
M7	7,03 x 10,2 x 1	111TP4515
M8	8,74 x 14 x 1	111TP4516
M10	10,07 x 16,08 x 1,5	111TP4517
M12	12,7 x 19 x 1,5	111TP4518
M14	14,07 x 22 x 1,5	111TP4519
M16	16,07 x 24 x 1,5	111TP4520
M18	18,7 x 26 x 1,5	111TP4521
M22	22,7 x 30 x 1,5	111TP4522
M24	24,07 x 32 x 2	111TP4523
M26	27,05 x 34,93 x 2,5	111TP4524
M33	33,89 x 42,8 x 3,2	111TP4525

HYDRAULIC SEALS

JOINTS HYDRAULIQUES – HYDRAULIKDICHTUNGEN



TVH supplies a wide range of static, linear and rotary hydraulic seals.

Both seals and seal kits can be modified to meet the demands of our customers.

The required product can be looked up via **OEM-reference** and **MyProductSearch** in **MyTotalSource**.

TVH stores most seal manufacturer's products.

Seals are highly stressed components of hydraulically or pneumatically operated machines and devices, that are crucial for the functioning of these systems.

In general, seals have a lifetime which is shorter than the lifetime of the machine in which they are installed. The replacement of seals during repair and maintenance cycles is a standard procedure and accepted as well as planned by the general engineering industry.

A seal replacement due to leakage or other failures shall always include an analysis of the cause of the failure. The knowledge about the cause of the failure and the specific reaction to it will prevent or postpone the failure in the future and will give a safer, more reliable and last but not least profitable use of the machine or equipment.



INSTALLATION TOOL KIT - SEAL

KIT D'INSTALLATION, JOINTS - INSTALLATIONSWERKZEUG FÜR DICHTUNGEN



[REF 111TP432](#)

SEAL ASSEMBLY KIT

KIT DE MONTAGE JOINTS - MONTAGESATZ FÜR DICHTUNGEN



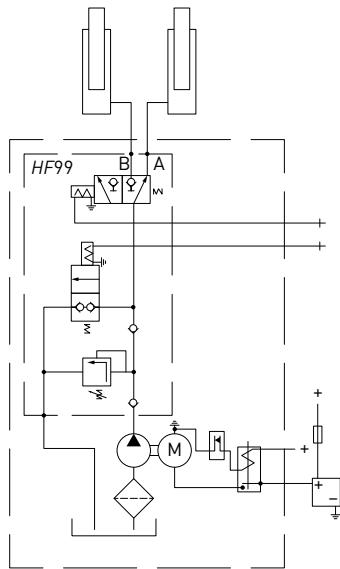
For easy fitting and detaching of
O-rings without any damage

[REF 111TP424](#)



DC HYDRAULIC POWER UNIT

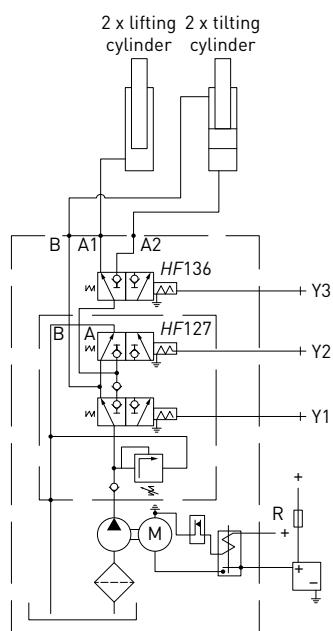
GROUPE HYDRAULIQUE DC – DC HYDRAULIKAGGREGAT



DC hydraulic power unit for two single acting functions e.g. for tail gate lifts.

- Electric motor: 2 kW
- Hydraulic circuit: 2 x single acting
- Voltage: 24 VDC
- Pump size: 3,2 cm³
- Tank volume: 6,2 liter

REF 111TP5024



Tail gate lift with:

- A. single acting lifting cylinders
- B. double acting tilting cylinders

- Electric motor: 2 kW
- Voltage: 24 VDC
- Pump size: cm³
- Tank volume: 9,6 liter

Operations:

1. lifting (pump power up)
2. lowering (gravity down)
3. tilt close (pump power close)
4. tilt open (pump power open)

Note:

Relief valve setting has to be examined and adjusted to lift construction.

Operation overview:

- Operation: activate solenoid
- Up: R + Y1
- Down: Y2
- Tilt up close: R + Y1 + Y3
- Tilt down open: R + Y2 + Y3

REF 111TP5026



ELECTRIC MOTORS

MOTEURS ÉLECTRIQUES - ELEKTROMOTOREN



Voltage	kW	Rotation	REF
12	0,8	<< CCW	111TP4404



Voltage	kW	Rotation	REF
12	2,1	CW >>	111TP4405



Voltage	kW	Rotation	REF
12	2,1	<< CCW	111TP4406



Voltage	kW	Rotation	REF
24	2,0	CW >>	111TP4407



Voltage	kW	Rotation	REF
12	1,5	CW >>	111TP4408



Voltage	kW	Rotation	REF
24	3,0	<< CCW	111TP4373



Voltage	kW	Rotation	REF
24	1,5	<< CCW - CW >>	111TP4410



Voltage	kW	Rotation	REF
24	2,1	<< CCW - CW >>	111TP4411



Voltage	kW	Rotation	REF
24	2,5	CW >>	111TP4413



Voltage	kW	Rotation	REF
24	5,5	CW >>	111TP4414



HYDRAULIC PUMPS

POMPES HYDRAULIQUES – HYDRAULIKPUMPEN



CC	Rotation	REF
0,8	CW >>	111TP4374
1,0	CW >>	111TP4375
1,2	CW >>	111TP3480
1,7	CW >>	111TP4376
2,0	CW >>	111TP4377



CC	Rotation	REF
0,8	<< CCW	111TP4378
2,0	<< CCW	111TP4379
2,5	<< CCW	111TP4380
3,2	<< CCW	111TP4381



CC	Rotation	Info	REF
3,0	<< CCW	Bosch	111TP4382



CC	Rotation	Info	REF
2,2	<< CCW	Bosch	111TP4383



CC	Rotation	Info	REF
3,0	<< CCW	Bosch	111TP4384



CC	Rotation	Info	REF
1,0	<< CCW	Bosch	111TP4385



ELECTRO MOTORS WITH PUMPS

MOTEURS ÉLECTRIQUES AVEC POMPE – ELEKTROMOTOREN MIT PUMPEN



Voltage	kW	CC	REF complete	REF motor	REF pump
24	2,0	1,7	111TP4363	111TP5027	111TP5028
24	2,0	2,5	111TP4364	111TP5027	111TP5029



Voltage	kW	CC	REF complete	REF motor	REF pump
12	2,5	1,7	111TP4365	111TP5031	111TP5028
12	2,0	2,5	111TP4366	111TP5031	111TP5029



Voltage	kW	CC	REF complete	REF motor	REF pump
24	2,0	2,0	111TP4367	111TP5030	111TP5032
24	2,2	2,2	111TP4368	111TP5030	111TP5033



Voltage	kW	CC	REF complete	REF motor	REF pump
24	3,0	3,3	111TP4369	111TP5034	111TP5035



Voltage	kW	CC	REF complete	REF motor	REF pump
24	4,5	2,5	111TP4370	111TP5037	111TP5036



Voltage	kW	CC	REF complete	REF motor	REF pump
24	2,0	1,2	111TP4371	111TP5038	111TP5039



Voltage	kW	CC	REF complete	REF motor	REF pump
24	3,0	3,0	111TP4372	111TP5040	111TP5041



SOLENOID SWITCHES/CONTACTORS

SOLÉNOÏDES/CONTACTEURS – MAGNETSCHALTER/SCHÜTZE

	Amperage	Info	REF	
			12 V	24 V
	150		111TP4415	111TP4416
	150	Bosch	111TP4417	111TP4418
	300			111TP4426
	100			111TP4419
	80		111TP4420	
	100			111TP4421
	80			111TP4422
	80		111TP4423	
	100		111TP4424	111TP4425



COUPLERS

COUPLEURS - KUPPLUNGEN



Dimensions mm	REF
Ø 14 x 11	111TP4386



Dimensions mm	REF
Ø 14 x 13	111TP4387
Ø 18 x 25	111TP4391



Dimensions mm	REF
Ø 15 x 17,5	111TP4388



Dimensions mm	REF
Ø 15 x 37	111TP4389



Dimensions mm	REF
Ø 18 x 23	111TP4390



Dimensions mm	REF
Ø 18 x 32	111TP4392
Ø 18 x 44	111TP4393
Ø 18 x 48	111TP4394
Ø 22 x 13	111TP4396
Ø 22 x 20	111TP4397
Ø 23 x 9	111TP4398



Dimensions mm	REF
Ø 20 x 12	111TP4395



Dimensions mm	REF
Ø 30 x 12	111TP4399



Dimensions mm	REF
Ø 34 x 12	111TP4401
Ø 42 x 20	111TP4402



Dimensions mm	REF
Ø 30 x 12	111TP4400
Ø 42 x 22	111TP4403



SPHERICAL BEARINGS

ROULEMENTS SPHÉRIQUES – GELENKLAGER



Diameter mm	Height mm	REF
15/26	12	111TP4438
17/30	14	111TP4439
20/35	16	111TP4440
25/42	20	111TP4441
30/47	22	111TP4442
35/55	25	111TP4443
40/62	28	111TP4444
45/68	27	111TP4445
45/68	32	111TP4446
50/75	35	111TP4447
60/90	31	111TP4448



CLAMPS

PINCES - KLAMMERN



Info	REF
Ø 10-16 mm - 9 mm	111TP4910
Ø 10-19 mm - 9 mm	111TP4911
Ø 16-25 mm - 9 mm	111TP4912
Ø 20-32 mm - 12 mm	111TP4913
Ø 32-44 mm - 12 mm	111TP4914
Ø 40-90 mm - 9 mm	111TP4915
Ø 44-55 mm - 12 mm	111TP4916
Ø 50-70 mm - 9 mm	111TP4917
Ø 60-80 mm - 9 mm	111TP4918
Ø 60-145 mm - 9 mm	111TP4919
Ø 70-90 mm - 9 mm	111TP4920
Ø 80-100 mm - 12 mm	111TP4921
Ø 90-110 mm - 12 mm	111TP4922
Ø 110-130 mm - 9 mm	111TP4923
Ø 110-130 mm - 12 mm	111TP4924
Ø 130-150 mm - 9 mm	111TP4925
Ø 150-170 mm - 9 mm	111TP4926



Info	REF
Ø 10-16 mm - 8 mm	111TP4937
Ø 12-22 mm - 9 mm	111TP4938
Ø 25-40 mm - 9 mm	111TP4939
Ø 32-50 mm - 12 mm	111TP4940
Ø 40-60 mm - 12 mm	111TP4941



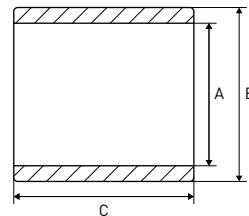
Info	REF
Ø 10 mm - 20 mm	111TP4927
Ø 12 mm - 12 mm	111TP4928
Ø 15 mm - 15 mm	111TP4929
Ø 16 mm - 20 mm	111TP4930
Ø 18 mm - 12 mm	111TP4931
Ø 18 mm - 15 mm	111TP4932
Ø 20 mm - 15 mm	111TP4933
Ø 30 mm - 20 mm	111TP4934
Ø 40 mm - 20 mm	111TP4935
Ø 65 mm - 25 mm	111TP4936

UNIVERSAL PARTS & TOOLS



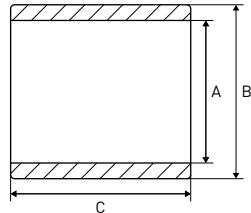
BUSHINGS

BAGUES - BUCHSEN

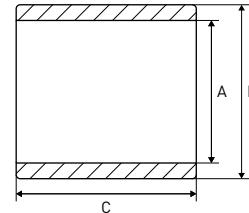


A mm	B mm	C mm	REF
25	28	30	111TP4488
25	30	25	111TP4489
25	30	30	111TP4490
30	35	30	111TP4491
30	35	50	111TP4492
30	36	30	111TP4493
30	36	30	111TP4494
30	36	40	111TP4495

A mm	B mm	C mm	REF
30	40	65	111TP4496
35	39	35	111TP4497
35	39	50	111TP4498
35	40	30	111TP4499
35	41	30	111TP4500
35	42	35	111TP4501
30	34	30	111TP4502
50	60	40	111TP4503



A mm	B mm	C mm	REF
30	36	40	111TP4504

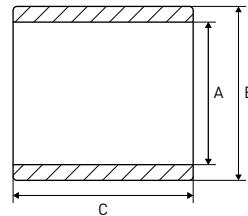


A mm	B mm	C mm	REF
35	42	50	111TP4505



DX BUSHINGS

BAGUES DX - DX-BUCHSEN



A mm	B mm	C mm	REF
10,0	12,0	10,0	111TP4449
12,0	14,0	15,0	111TP4450
15,0	17,0	20,0	111TP4451
16,0	18,0	8,0	111TP4452
17,0	20,0	14,5	111TP4453
17,0	20,0	16,5	111TP4454
18,0	20,0	15,0	111TP4455
18,0	18,0	20,0	111TP4456
18,0	20,0	25,0	111TP4457
18,0	22,0	15,0	111TP4458
20,0	23,0	10,0	111TP4459
20,0	23,0	15,0	111TP4460
20,0	23,0	20,0	111TP5066
20,0	23,0	25,0	111TP4461
20,0	23,0	30,0	111TP4462
20,0	23,0	35,0	111TP4463
22,0	25,0	20,0	111TP4464
22,0	25,0	25,0	111TP4465
24,0	27,0	25,0	111TP4466
25,0	28,0	15,0	111TP4467

A mm	B mm	C mm	REF
25,0	28,0	20,0	111TP4468
25,0	28,0	25,0	111TP4469
25,0	28,0	30,0	111TP4470
30,0	34,0	15,0	111TP4471
30,0	34,0	20,0	111TP4472
30,0	34,0	25,0	111TP4473
30,0	34,0	30,0	111TP4474
30,0	34,0	40,0	111TP4475
30,0	34,0	50,0	111TP4476
32,0	36,0	30,0	111TP4477
35,0	39,0	20,0	111TP4478
35,0	39,0	25,0	111TP4479
35,0	39,0	30,0	111TP4480
35,0	39,0	50,0	111TP4481
40,0	44,0	20,0	111TP4482
40,0	44,0	40,0	111TP4483
40,0	44,0	40,0	111TP4484
45,0	50,0	40,0	111TP4485
45,0	50,0	50,0	111TP4486
50,5	55,5	30,0	111TP4487



GAS SPRINGS

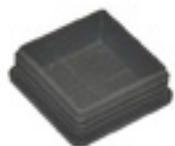
VÉRINS À GAZ – GASDRUCKFEDERN



Length mm	Info	REF
485	500N	111TP4429
485	1000N	111TP4430
505	350N	111TP4431
505	500N	111TP4432
605	1100N	111TP4433
620	500N	111TP4434
620	650N	111TP4435
620	750N	111TP4436
705	1300N	111TP4437

CAPS

BOUCHONS – DECKEL



- REF [111TP4826](#)** – Dimensions (L x W): 70 x 70 mm
REF [111TP4827](#) – Dimensions (L x W): 100 x 100 mm
REF [111TP4828](#) – Dimensions (L x W): 120 x 120 mm
REF [111TP4829](#) – Dimensions (L x W): 150 x 150 mm
REF [111TP4830](#) – Dimensions (L x W): 180 x 180 mm



- REF [111TP4831](#)** – Dimensions (L x W): 100 x 50 mm
REF [111TP4832](#) – Dimensions (L x W): 120 x 60 mm
REF [111TP4833](#) – Dimensions (L x W): 120 x 80 mm

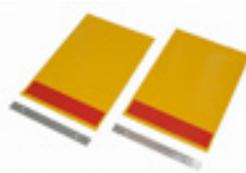


- REF [111TP4834](#)** – Diameter: 42 mm
REF [111TP4835](#) – Diameter: 45 mm
REF [111TP4836](#) – Diameter: 70 mm
REF [111TP4837](#) – Diameter: 102 mm



PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



- Dimensions: 200 x 300 mm
- UK

[REF 111TP4526](#)



Dimensions: 250 x 340 mm

[REF 111TP4527](#)



Dimensions: 200 x 300 mm

[REF 111TP4528](#)



Dimensions: 400 x 300 mm

[REF 111TP5012](#)



- Dimensions: 240 x 370 mm
- Ama/Zepro support

[REF 111TP4530](#)



- Dimensions: 250 x 370 mm
- Trösch support

[REF 111TP4531](#)



- Dimensions: 250 x 400 mm
- § 53b Abs, 5 StVZO
- TÜV/CE with certificate

[REF 111TP1469](#)



- Dimensions: 250 x 400 mm
- § 53b Abs, 5 StVZO
- TÜV/CE without certificate

[REF 111TP4532](#)



Dimensions: 200 x 30 x 3 mm

[REF 111TP4533](#) – Bracket for REF 111TP1469 and
REF 111TP4532

[REF 111TP8036](#) – Bracket for REF 111TP4530

[REF 111TP8034](#) – Dimensions: 200 x 20 x 2 mm
– Bracket 2 pieces

[REF 111TP8035](#) – Dimensions: 400 x 20 x 2 mm
– Bracket aluminium 2 pieces





PLATFORM PARTS

PIÈCES DE PLATEFORME - PLATTFORMERSATZTEILE



HYDEM



Right and left stainless steel side protection

Type	Width mm	Depth mm	Tighteners Quantity	Hinges Quantity	Wireless flashing unit	Year	Capacity kg	Info	REF
DHSMR	2400	850	2	3	2	Generation 1	1500/2000	Articulated front plate (alu) Used on d'Hollandia	111TP9513
DHSMR	2400	850	2	3	2	Generation 2	1500/2000		111TP5238
DHSMR	2400	950	2	3	2	Generation 2	1500/2000		111TP5252
DHSMR	2400	1050	2	3	2	Generation 2	1500/2000		111TP5240
DHSMR	2400	1050	3	3	2	Generation 2	2500		111TP9514
DHRC	2200	650	2	3	0	Generation 2	1500		111TP9515
ZT	2400	850	2	5 (100)	2		1500/2000	Articulated front plate (alu) Used on Zepro	111TP5242
ZT	2400	950	2	5 (100)	2		1500/2000		111TP5243
ZT	2400	950	2	5 (130)	2		1500/2000		111TP9516
ZT	2400	950	2	3 (200)	2		1500/2000		111TP9517
DHLM4/40 DHLSP3/6	2300	1450	2	x	2	from 1999 to 2006	750	Complete platform Used for d'hollandia	111TP5245
DHLM4/40 DHLSP3/6	2300	1600	2	x	2	from 1999 to 2006	750		111TP5246
DHLC40 DHLCP10	2300	1450	2	x	2	from 1999 to 2006	750		111TP5247
DHLC40 DHLCP10	2300	1600	2	x	2	from 1999 to 2006	750		111TP9518
DHLM50	2520	1800	2	x	2		1500		111TP9519
DHLM50	2520	2000	2	x	2		1500		111TP9520
Classic 1504	2520	1800	2	x	2	Gamme 4	1500	Complete platform Used on Ehrel hydris	111TP9521
Classic 1504	2520	2000	2	x	2	Gamme 4	1500		111TP9522
LIGHT501/751	2300	1450	2	x	2		500/750		111TP9523
LIGHT501/751	2300	1600	2	x	2		500/750		111TP9524
Light NE	2300	1450	2	x	2		750		111TP5254
Light NI	2300	1450	2	x	2		750		111TP5252
Light NE	2300	1600	2	x	2		750		111TP5255
Light NI	2300	1600	2	x	2		750		111TP5253
Classic 1502	2520	1800	2	x	2		1500		111TP9525
Classic 1502	2520	2000	2	x	2		1500		111TP9526
Everything	2400	850	2	2	2		1500/2000		111TP9527



GREASE FITTINGS & CAPS

RACCORDS DE GRAISSAGE & BOUCHONS - SCHMIERNIPPEL & SCHUTZKAPPEN



Info	REF
M6 x 1 mm	111TP4979
M8 x 1 mm	111TP4980
M8 x 1,25 mm	111TP4981
M10 x 1 mm	111TP4982
1/8" BSP-28	111TP4983
1/8" NPT-27	111TP4984
1/4" BSP-19	111TP4985
1/4" NPT-18	111TP4986
1/4" UNF	111TP4987
3/8" UNF	111TP4988
5/16" UNF	111TP4989



Info	REF
M6 x 1 mm	111TP4959
M8 x 1 mm	111TP4960
M8 x 1,25 mm	111TP4961
M10 x 1 mm	111TP4962
1/8" BSP-28	111TP4963
1/8" NPT-27	111TP4964
1/4" NPT-18	111TP4965
1/4" UNF	111TP4966
5/16" UNF	111TP4967



Info	REF
M6 x 1 mm	111TP4968
M8 x 1 mm	111TP4969
M8 x 1,25 mm	111TP4970
M10 x 1 mm	111TP4971
1/8" BSP-28	111TP4972
1/8" NPT-27	111TP4973
1/4" BSP-19	111TP4974
1/4" NPT-18	111TP4975
1/4" UNF	111TP4976
3/8" UNF	111TP4977
5/16" UNF	111TP4978



Info	REF
Kit: 15x M6 x 1 mm - 45° 15x M6 x 1 mm - 90° 25x M6 x 1 mm - 180° 15x M8 x 1,25 mm - 45° 15x M8 x 1,25 mm - 90° 25x M8 x 1,25 mm - 180° 10x M10 x 1,5 mm - 180° 10x M8 x 1 mm - 180° 10x M10 x 1 mm - 180°	111TP4990



Colour	Info	REF
Red	M6	111TP4991
Green	M6	111TP4993
Yellow	M6	111TP4995
Blue	M6	111TP5042



Colour	Info	REF
Red	M6	111TP4992
Green	M6	111TP4994
Yellow	M6	111TP4996
Blue	M6	111TP4997



LIMIT SWITCHES

INTERRUPEURS DE FIN DE COURSE – ENDSCHALTER



For fuse type: IP65 – 3 A

[REF 111TP4838](#)



For fuse type: IP65 – Roll Ø 22 mm – 3 A

[REF 111TP4839](#)



For fuse type: IP65 – 3 A

[REF 111TP4840](#)



For fuse type: IP65

[REF 111TP4841](#)



For fuse type: IP65 – Roll Ø 20 mm – 10 A

[REF 111TP4842](#)



For fuse type: IP65

[REF 111TP4843](#)



For fuse type: IP65

[REF 111TP4844](#)



For fuse type: IP65

[REF 111TP4845](#)



CONTROLLERS

COMMANDES - BEDIENUNGEN



HYDEM



Operate your tail lift with our high-quality hand controls available in 2- or 3-button configurations. Suitable for all makes such as Anteo, Dhollandia, Palgate/Palfinger, Zepro Lift and many more.

Your benefits:

- Maximum comfort, high productivity
- Unique ergonomic design
- Easy push system
- With magnet and ring for easy handling
- Rubber shock absorber
- Usable in cold and wet environments

Applications:

Tail lifts, winches, cranes to name a few.

Specifications:

- Protection (IP): IP44 according to EN 60 529
- Contact type: Mafelec (push button)
- Max amperage: 10 A
- Operating temperature: -25 °C up to 60 °C
- Material: ABS plastic with rubber buffer
- Cable: polyurethane 3,5 metres working length

Available colours:

Orange, yellow, green, red and blue

**Available in different colours and in 2- or 3-button configurations.
Ask for your quantity discount. All models are equipped with malefec contacts.**

2-button hand controls with cable and connector

Make	Colour	REF
AMA	Green	111TP5188
Anteo	Blue	111TP5189
Bär Cargolift	Green	111TP5190
Dautel 3-pin	Green	111TP5191
Dautel 7-pin	Green	111TP5192
Dhollandia	Orange	111TP5193
Erhel Hydris	Red	111TP5194
Erhel Hydris City	Red	111TP5195
MBB Hubfix	Yellow	111TP5196
MBB Palfinger	Green	111TP5225
Mic	Yellow	111TP5197
Sörensen	Green	111TP5198
Zepro	Blue	111TP5199

3-button hand controls with cable and connector

Make	Colour	REF
AMA	Green	111TP5200
Anteo	Blue	111TP5201
Anteo F3	Blue	111TP5202
Dautel	Green	111TP5203
Dhollandia	Orange	111TP5204
Dhollandia passenger lifts	Orange	111TP5205
Elefantcar	Green	111TP5206
Erhel Hydris	Red	111TP5207
Marrel	Blue	111TP5208
MBB Palfinger	Green	111TP5212
Mic	Yellow	111TP5211
Zepro	Blue	111TP5213

2-button hand controls without cable

Colour	REF
Orange	111TP5214
Blue	111TP5215
Red	111TP5216
Yellow	111TP5217
Green	111TP5218

3-button hand controls without cable

Colour	REF
Orange	111TP5219
Blue	111TP5220
Yellow	111TP5221
Red	111TP5222
Green	111TP5223



CONTROLLERS

COMMANDES - BEDIENUNGEN



2 x NO

[REF 111TP4534](#)



2 x NO

[REF 111TP7979](#)



1 x NC + 2 x NO

[REF 111TP4535](#)



1 x NC + 2 x NO

[REF 111TP4536](#)



4 x NC + 4 x NO

[REF 111TP4537](#)



[REF 111TP4538](#) – 2 x NO –
Mafelec

[REF 111TP8018](#) – 2 x NO –
Mafelec (with
magnets)

[REF 111TP8019](#) – 2 x NO



[REF 111TP4540](#) – 1 x NO/NC +
2 x NO –
Mafelec

[REF 111TP4539](#) – 1 x NO/NC +
2 x NO



[REF 111TP4542](#) – 1 x NO/NC +
2 x NO –
Mafelec

[REF 111TP4541](#) – 1 x NO/NC +
2 x NO



3-button

[REF 111TP7974](#)



[REF 111TP4544](#) – 4 x NO –
Mafelec

[REF 111TP4543](#) – 4 x NO



CONTROLLERS

COMMANDES - BEDIENUNGEN



Holder for hand controller

[REF 112TP6182](#)



2-button control box

[REF 112TP9967](#)



4-button control box

[REF 112TP9968](#)



6-button control box

[REF 112TP9969](#)



3-button hand control

[REF 111TP8038](#)



Control box traditional assistant

- Simple programming (wired jumping on the map)
- Fixable box on the floor rails of the vehicle
- Moderate dimensions (340 x 220 x prof 240 mm)
- With a folding lid
- Equipped with electro-mechanical contacts (French manufacturing)
- Provided pre-wired with power and control beams
- Compatible with inter cabin and VDHH socket

[REF 112TP9826](#) – Traditional assistant

[REF 112TP9827](#) – Slider

[REF 112TP9829](#) – Foldable

[REF 112TP9828](#) – Traditional standard

[REF 112TP9830](#) – Adaptable

[REF 112TP9831](#) – Control module

[REF 112TP9970](#) – Foldable



WIRELESS REMOTE CONTROL

TÉLÉCOMMANDE SANS FIL – DRAHTLOSE FERNBEDIENUNG



Control your tail lift in a simple way

How does it work?

A radio transmitter transmits radio waves that correspond to a binary command signal for the button you press. The radio waves are sent to a receiver who interprets them. The receiver then executes a command, e.g. lowering a hook of an overhead crane, opening a gate, switching on a lamp ...

Your benefits:

- Suitable for all brands of tail lifts
- Compact wireless remote control
- No loss of control as the remote control continuously changes its frequencies according to a predefined pattern
- Usable worldwide thanks to the use of the 2,4 GHz frequency
- The wireless remote control is CE-approved and certified

REF 111TP9923

Specifications of the receiver	
Frequency	2,4 GHz – 16 channels
Two-way communication	No
Power supply	12 V/24 VDC
Max power consumption	300 mA at 12 V & 200 mA at 24 V
Dimensions	120 x 117 x 51 mm
Protection class	IP66
Digital input	8
Radio communication	Simplex
Max number of registered transmitters	8
Temperature	From -20 to 55 °C
Number of function relays	5 (potential-free*, 10 A, 250 VAC)
Cable length	1200 mm

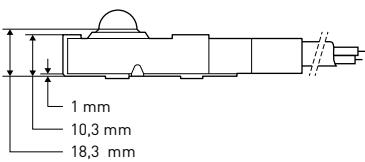
Specifications of the transmitter	
Frequency	2,4 GHz – 16 channels
Modulation type	FM modulation, narrowband
Number of code combinations	4 000 000
Output power	1 mW (at 50 ohms)
Number of buttons	6 (4 functions + ON/OFF)
Number of batteries	2
Battery	Interchangeable
Type of batteries	LR03 – 1,5 V – AAA
Weight	130 g
Dimensions	65 x 112 x 35 mm
Protection class	IP67
Temperature	From -20 to 55 °C
Bandwidth	1,8 MHz
ON/OFF switch	Yes

* Potential-free means that a supply voltage is required for a relay to produce a voltage.

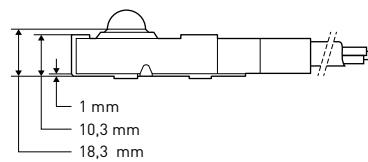


FOOT CONTROL MICRO SWITCHES

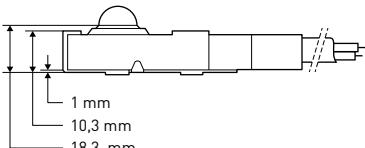
MICRORUPTEURS À COMMANDE AU PIED – FUSSSCHALTER MIKROSCHALTER



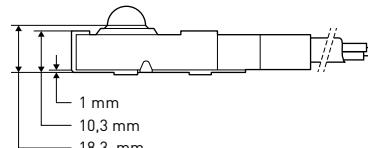
Cable diameter mm	Length mm	Info	REF
7,6	500	Silver contacts – IP66	111TP4649



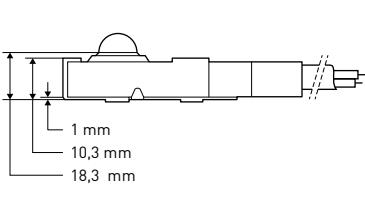
Cable diameter mm	Length mm	Info	REF
7,6	500	Silver contacts – IP66	111TP4650



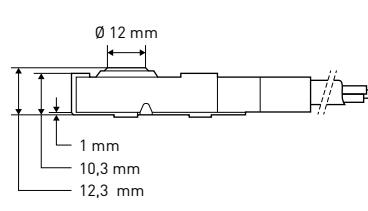
Cable diameter mm	Length mm	Info	REF
7,6	1500	Silver contacts – IP66	111TP4651



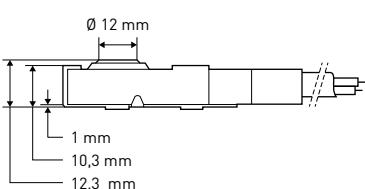
Cable diameter mm	Length mm	Info	REF
7,6	3500	Silver contacts – IP66	111TP4653



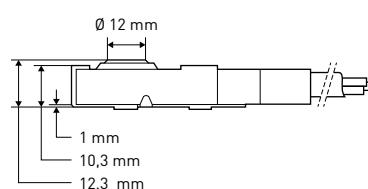
Cable diameter mm	Length mm	Info	REF
7,6	3500	Silver contacts – IP66	111TP4654



Cable diameter mm	Length mm	Info	REF
7,6	500	Silver contacts – IP66	111TP4655



Cable diameter mm	Length mm	Info	REF
7,6	2100	Silver contacts – IP66	111TP4656



Cable diameter mm	Length mm	Info	REF
7,6	2100	Silver contacts – IP66	111TP4657



BATTERY CABLE & STRIPS

CÂBLES DE BATTERIE & BANDES – BATTERIEKABEL & -VERBINDER



REF 111TP4798 – Wire size: 16 mm²

REF 111TP4799 – Wire size: 25 mm²

REF 111TP4800 – Wire size: 35 mm²

REF 111TP4801 – Wire size: 50 mm²

REF 111TP4802 – Wire size: 70 mm²



REF 111TP4803 – Wire size: 16 mm²

REF 111TP4804 – Wire size: 25 mm²

REF 111TP4805 – Wire size: 35 mm²

REF 111TP4806 – Wire size: 50 mm²



- Diameter: 35 mm
- Length: 110 mm

REF 111TP4807



- Diameter: 4,5/6,5 mm
- Dimensions: 1,7 x 12,5 x 62 mm

REF 111TP4808



- Diameter: 5/6,5 mm
- Dimensions: 2,3 x 14 x 69 mm

REF 111TP4809



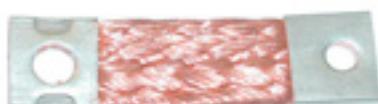
- Diameter: 6/9 mm
- Dimensions: 2,5 x 17 x 75 mm

REF 111TP4810



- Diameter: 6,3/9 mm
- Dimensions: 2 x 15 x 82,5 mm

REF 111TP4811



- Diameter: 6,5/8,5 mm
- Dimensions: 2,5 x 19 x 59 mm

REF 111TP4812



SPIRAL CABLES

CÂBLES SPIRALÉS - SPIRALKABEL



Diameter mm	Length mm	Wire size mm ²	REF
15/30	2500	5 x 0,75	111TP4637
15/30	2500	7 x 0,75	111TP4638



Diameter mm	Length mm	Wire size mm ²	REF
14/25	3500	4 x 0,75	111TP4640
22/35	3500	5 x 1	111TP4641
18/31	3500	7 x 0,75	111TP4643
20/37	4500	5 x 1	111TP4644
20/37	4500	6 x 1 + 1 x 1,5	111TP4645



Diameter mm	Length mm	Wire size mm ²	REF
40	3500	6 x 1 + 1 x 2,5	111TP4646
60	3500	6 x 1 + 1 x 2,5	111TP4647
60	4500	6 x 1 + 1 x 2,5	111TP4648



CONNECTORS & PARTS

CONNECTEURS & ACCESSOIRES – STECKER & ERSATZTEILE



9-pole

[**REF 111TP4622**](#)



9-pole

[**REF 111TP4623**](#)



6-pole

[**REF 111TP4624**](#)



9-pole

[**REF 111TP4625**](#)



12-pole

[**REF 111TP4626**](#)



12-pole

[**REF 111TP4627**](#)



15-pole

[**REF 111TP4628**](#)



15-pole

[**REF 111TP4629**](#)



0,5–2,1 mm

[**REF 111TP4630**](#)



0,5–2,1 mm

[**REF 111TP4631**](#)



CONNECTORS & PARTS

CONNECTEURS & ACCESSOIRES - STECKER & ERSATZTEILE



2-pole

[**REF 111TP4616**](#)



2-pole

[**REF 111TP4617**](#)



3-pole

[**REF 111TP4618**](#)



3-pole

[**REF 111TP4619**](#)



4-pole

[**REF 111TP4620**](#)



4-pole

[**REF 111TP4621**](#)



SB - SBX - SBE

[**REF 111TP4603**](#)



CONNECTORS & PARTS

CONNECTEURS & ACCESSOIRES – STECKER & ERSATZTEILE



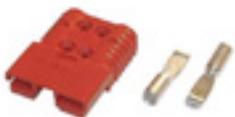
- Type: SB160
- Amperage: 160 A
- Wire size (European): 35 mm²

[REF 111TP4589](#) – Red
[REF 111TP4588](#) – Grey
[REF 111TP4590](#) – Blue
[REF 111TP4591](#) – Black



- Type: SB175
- Amperage: 175 A
- Wire size (European): 50 mm²

[REF 111TP4586](#) – Yellow
[REF 111TP4587](#) – Orange
[REF 111TP4584](#) – Red
[REF 111TP4583](#) – Grey
[REF 111TP4585](#) – Blue



- Type: SB350
- Amperage: 350 A
- Wire size (European): 70 mm²

[REF 111TP4593](#) – Red
[REF 111TP4592](#) – Grey
[REF 111TP4594](#) – Blue



- Type: SBX350
- Amperage: 350 A
- Wire size (European): 70 mm²

[REF 111TP4598](#) – Yellow
[REF 111TP4599](#) – Orange
[REF 111TP4596](#) – Red
[REF 111TP4595](#) – Grey
[REF 111TP4597](#) – Blue
[REF 111TP4600](#) – Green



Amperage: 250 A

[REF 111TP4601](#)



Amperage: 250 A

[REF 111TP4602](#)



Amperage: 250 A

[REF 111TP8658](#)



Amperage: 250 A

[REF 111TP8660](#)



CONNECTORS & PARTS

CONNECTEURS & ACCESSOIRES - STECKER & ERSATZTEILE



Amperage: 250 A

[**REF 112TP9971**](#)



Amperage: 250 A

[**REF 112TP9972**](#)



Amperage: 250 A

[**REF 112TP9973**](#)



CABLE LUGS

COSSES À SERTIR - KABELSCHUHE



Diameter mm	Length mm	REF
5	16	111TP4813
6	16	111TP4814
6	25	111TP4815
8	16	111TP4816
8	25	111TP4817
10	16	111TP4818
10	25	111TP4819
10	35	111TP4820
10	50	111TP4821
10	70	111TP4822
12	35	111TP4823
12	50	111TP4824
14	50	111TP4825

CABLE GLANDS/GROMMETS

PRESSE-ÉTOUPE/RONDELLES ISOLANTES - KABELVERSCHRAUBUNGEN/-DURCHFÜHRUNGEN



Info	REF
PG7	111TP4846
PG9	111TP4847
PG11	111TP4848
PG13,5	111TP4849
PG16	111TP4850
PG21	111TP4851
PG29	111TP4852



Info	REF
M12 x 1,5 mm	111TP4853
M16 x 1,5 mm	111TP4854
M20 x 1,5 mm	111TP4855
M25 x 1,5 mm	111TP4856
M32 x 1,5 mm	111TP4857



Info	REF
PG7	111TP4858
PG9	111TP4859
PG11	111TP4860
PG13,5	111TP4861
PG16	111TP4862



Info	REF
M12 x 1,5 mm	111TP4863
M16 x 1,5 mm	111TP4864
M20 x 1,5 mm	111TP4865
M25 x 1,5 mm	111TP4866



CABLE GLANDS/GROMMETS

PRESSE-ÉTOUPE/RONDELLES ISOLANTES - KABELVERSCHRAUBUNGEN/-DURCHFÜHRUNGEN



Info	REF
PG7	111TP4867
PG9	111TP4868
PG11	111TP4869
PG13,5	111TP4870
PG16	111TP4871
PG21	111TP4872
PG29	111TP4873



Info	REF
M12 x 1,5 mm	111TP4874
M16 x 1,5 mm	111TP4875
M20 x 1,5 mm	111TP4876
M25 x 1,5 mm	111TP4877
M32 x 1,5 mm	111TP4878



Diameter mm	REF
12	111TP4879
18	111TP4880



Diameter mm	REF
21	111TP4881



Info	REF
Ø 8/11 x 1,5 mm	111TP4882
Ø 8/14 x 1,5 mm	111TP4883
Ø 9/11 x 1 mm	111TP4884
Ø 9,5/28 x 2,3 mm	111TP4885
Ø 9,8/12,7 x 2 mm	111TP4886
Ø 10/13 x 1 mm	111TP4887
Ø 10/14 x 1,5 mm	111TP4888
Ø 12/16 x 1,5 mm	111TP4889
Ø 13/18 x 1 mm	111TP4890
Ø 15/20 x 1,5 mm	111TP4891
Ø 15/20 x 2 mm	111TP4892



FLASHER LIGHTS & PARTS

LAMPES TORCHES & ACCESSOIRES – BLINKLEUCHTEN & ERSATZTEILE



- Dimensions: 90 x 90 x 25 mm
- LED orange tail lift light
- With built-in battery + angle sensor

REF 111TP7688 – Lights starts flashing when tail lift reaches an angle of 20° in relation to the ground

REF 111TP7994 – Light starts flashing when tail lift reaches an angle of 40° in relation tot the ground



REF 111TP7995 – Used for REF 111TP7994



LED

REF 111TP4553 – Voltage: 12 V
REF 111TP4554 – Voltage: 24 V



Wattage: 5 W

REF 111TP4555 – Voltage: 12 V
REF 111TP4556 – Voltage: 24 V



LED

REF 111TP4563 – Voltage: 12 V, Wattage: 4 W
REF 111TP4564 – Voltage: 24 V, Wattage: 8 W



- LED
- Type: D

REF 111TP4561 – Voltage: 12 V
REF 111TP4562 – Voltage: 24 V



FLASHER LIGHTS & PARTS

LAMPES TORCHES & ACCESSOIRES - BLINKLEUCHTEN & ERSATZTEILE



- Voltage: 12/24 V
- LED

REF 111TP4559 – Master EU
REF 111TP4560 – Slave EU



- Voltage: 12/24 V
- LED

REF 111TP4565 – Master mini
REF 111TP4566 – Slave mini



§ 53 B STVZO

REF 111TP4567 – Voltage: 12 V
REF 111TP4568 – Voltage: 24 V



- LED
- Type: 2007

REF 111TP4569 – Voltage: 12/24 V



- LED
- Universal mini

REF 111TP4570 – Voltage: 12/24 V



- LED
- Universal mini

REF 111TP4571 – Voltage: 12/24 V



REF 111TP4572 – Voltage: 12/24 V



Dimensions: 170 x 170 x 17 mm

REF 111TP4573



FLASHER LIGHT SETS

KITS DE LAMPES TORCHES – BLINKLEUCHTENSETS



Wattage: 5 W

REF 111TP4576 – Voltage: 12 V
REF 111TP4577 – Voltage: 24 V



- LED
- Type: D

REF 111TP4578 – Voltage: 12 V
REF 111TP4579 – Voltage: 24 V



§ 53 B STVZO

REF 111TP4580 – Voltage: 12 V
REF 111TP4581 – Voltage: 24 V



LED

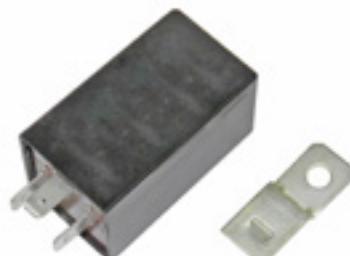
REF 111TP4582 – Voltage: 12/24 V

RELAYS

RELAIS – RELAIS



Voltage	Amperage	REF
12	75	111TP4427



Voltage	Wattage	REF
24	10/110	111TP4428



Voltage	REF
12/24	111TP4552



FUSES

FUSIBLES - SICHERUNGEN



- DIN 72581/mini
- Dimensions: 11 x 16 mm

Amperage	Colour	REF
2	Grey	111TP4736
3	Violet	111TP4737
4	Pink	111TP4738
5	Beige	111TP4739
7,5	Brown	111TP4740
10	Red	111TP4741
15	Bleu	111TP4742
20	Yellow	111TP4743
25	White	111TP4744
30	Green	111TP4745



- DIN 72581/maxi
- Dimensions: 29 x 34 mm

Amperage	Colour	REF
20	Yellow	111TP4759
30	Green	111TP4760
40	Orange	111TP4761
50	Red	111TP4762
60	Bleu	111TP4763
70	Beige	111TP4764
80	White	111TP4765
100	Violet	111TP4766



- DIN 72584
- Dimensions: 19 x 20 mm

Amperage	Colour	REF
1	Black	111TP4658
2	Grey	111TP4659
3	Violet	111TP4660
4	Pink	111TP4661
5	Orange	111TP4662
7,5	Brown	111TP4663
10	Red	111TP4664
15	Bleu	111TP4665
20	Yellow	111TP4666
25	White	111TP4667
30	Green	111TP4668
35	Dark green	111TP4669
40	Red	111TP4670



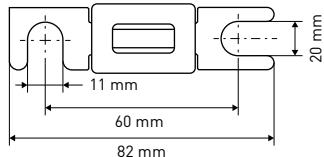
CNN/ANN

Amperage	Colour	REF
40	Grey	111TP4746
50	Black	111TP4747
60	Black	111TP4748
80	White	111TP4749
100	White	111TP4750
125	Grey	111TP4751
150	Beige	111TP4752
175	Grey	111TP4753
200	Grey	111TP4754
225	White	111TP4755
250	Grey	111TP4756
275	Grey	111TP4757
300	White	111TP4758



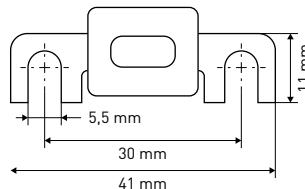
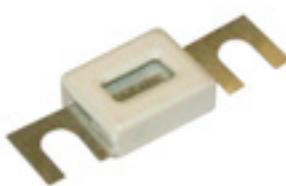
FUSES

FUSIBLES - SICHERUNGEN



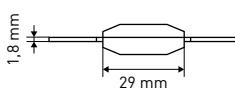
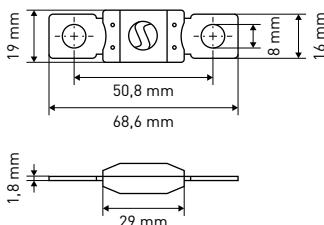
- DIN 43560/1
- White

Amperage	REF
40	111TP4705
50	111TP4706
63	111TP4707
80	111TP4708
100	111TP4709
125	111TP4710
135	111TP4711
150	111TP4712
160	111TP4713
175	111TP4714
200	111TP4715
225	111TP4716
250	111TP4717
275	111TP4718
300	111TP4719



- DIN 72584
- White

Amperage	REF
30	111TP4682
40	111TP4683
50	111TP4684
60	111TP4685
80	111TP4686
100	111TP4687
125	111TP4688
150	111TP4689



Mega

Amperage	Colour	REF
100	Yellow	111TP4729
125	Green	111TP4730
150	Ochre	111TP4731
175	White	111TP4732
200	Blue	111TP4733
225	Beige	111TP4734
250	Black	111TP4735

- DIN 72581/5
- White

Amperage	REF
50	111TP4720
75	111TP4721
100	111TP4722
125	111TP4723
150	111TP4724
175	111TP4725
200	111TP4726
250	111TP4727
300	111TP4728



FUSES

FUSIBLES - SICHERUNGEN



DIN 72584

Amperage	REF
25	111TP4671
30	111TP4672
40	111TP4673
50	111TP4674
60	111TP4675
80	111TP4676
100	111TP4677
125	111TP4678
150	111TP4679
200	111TP4680
250	111TP4681



DIN 43560/1

Amperage	REF
40	111TP4690
50	111TP4691
63	111TP4692
80	111TP4693
100	111TP4694
125	111TP4695
135	111TP4696
150	111TP4697
160	111TP4698
175	111TP4699
200	111TP4700
225	111TP4701
250	111TP4702
275	111TP4703
300	111TP4704



Universal

Amperage	REF
150/200	111TP4767



FUSE KIT

JEU DE FUSIBLES – SICHERUNG-KIT



REF 111TP8037 – Per kit

	Qty	A
DIN 72581/med		
	10	5
	10	7,5
	50	10
	50	15
	25	20
	10	25
	25	30
DIN 41661/fast		
	25	2
	10	5

	Qty	A
DIN 72581/1		
	10	5
	50	8
	50	16
	10	25
DIN 41668/fast		
	25	10
	25	15
	15	20

A = current (amperage), speed ind = speed indication (slow, medium, fast)



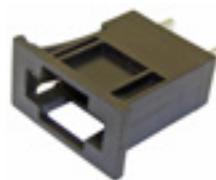
FUSE HOLDERS & PARTS

PORTE-FUSIBLES & ACCESSOIRES - SICHERUNGSHALTER & ERSATZTEILE



For fuse type: DIN 72581/mini

[REF 111TP4768](#)



For fuse type: DIN 72581/med

[REF 111TP4769](#)



For fuse type: DIN 72581/med

[REF 111TP4770](#)



For fuse type: DIN 72581/med –
20 A max

[REF 111TP4771](#)



DIN 72581/med

[REF 111TP4772](#)



For fuse type: DIN 72581/med

[REF 111TP4773](#)



For fuse type: DIN 72581/med

[REF 111TP4774](#)



- For fuse type: DIN 72581/med
- Length: 32 mm

[REF 111TP4775](#)



- For fuse type: DIN 72581/med
- Length: 96 mm

[REF 111TP4776](#)



- For fuse type: DIN 72581/med
- Length: 118 mm

[REF 111TP4777](#)



FUSE HOLDERS & PARTS

PORTE-FUSIBLES & ACCESSOIRES – SICHERUNGSHALTER & ERSATZTEILE



- For fuse type: DIN 72581/med
- Length: 128 mm

[REF 111TP4778](#)



For fuse type: DIN 72581/max

[REF 111TP4779](#)



For fuse type: DIN 72581/2

[REF 111TP4780](#)



For fuse type: DIN 72581/2

[REF 111TP4781](#)



For fuse type: DIN 43560/1 - M10

[REF 111TP4782](#)



For fuse type: DIN 43560/1 - M10

[REF 111TP4783](#)



For fuse type: DIN 43560/1 - M10

[REF 111TP4784](#)



For fuse type: DIN 43560/1 -
M8 x 20 mm

[REF 111TP4785](#)



For fuse type: DIN 43560/1 -
M10 x 30 mm

[REF 111TP4786](#)



[REF 111TP9150](#) – Universal 100 A

[REF 111TP9147](#) – Universal 200 A

[REF 111TP4787](#) – DIN 43560/1 - mega - CNN/ANN

[REF 112TP9825](#) – Universal 250 A



FUSE HOLDERS & PARTS

PORTE-FUSIBLES & ACCESSOIRES - SICHERUNGSHALTER & ERSATZTEILE



For fuse type: CNN/ANN – M8 x
25 mm

[REF 111TP4788](#)



For fuse type: CNN/ANN – M8 x
25 mm

[REF 111TP4789](#)



For fuse type: CNN/ANN

[REF 111TP4790](#)



Mega

[REF 111TP4791](#)



M8

[REF 111TP4793](#)



M8

[REF 111TP4794](#)



M8

[REF 111TP4795](#)



For fuse type: DIN 43560/1 – M10

[REF 111TP4796](#)



Dimensions: 135 x 85 x 80 mm

[REF 111TP4797](#)



DECALS

AUTOCOLLANTS - AUFKLEBER



Dimensions: 72 x 69 mm

REF [111TP4909](#)





HANDLING EQUIPMENT

HANDLING EQUIPMENT



MANUAL PALLET TRUCKS, STEEL, STANDARD VERSIONS

TRANSPAlettes manuels, acier, versions standard - MANUELLE HUBWAGEN, STAHL, STANDARDAUSFÜHRUNGEN

TOTAL SOURCE®



These manual pallet trucks are light-weight, manoeuvrable and have a small turning radius which makes them easy to operate. They are supplied with extremely strong nylon wheels, polyurethane wheels or smooth-running rubber wheels. Most pallet trucks in this range are equipped with nose wheels, located on the front edge of each fork to assist in clean pallet entry and exit.

These models have a simple and reliable hydraulic system with built-in automatic neutral position valve. They are equipped with sturdy, rounded forks and a strong tiller arm. Furthermore, the ergonomically correct shape of the steering handle makes transporting comfortable.

Different pumps



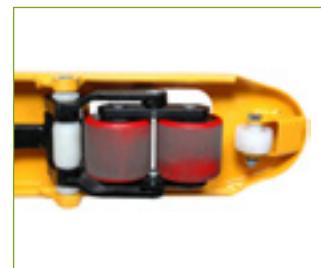
Painted steel cast
(for models TRP0001 +
TRP0002)



Painted steel cast
(for model TRP0007)



Cold galvanised steel cast
(for models TRP0003 +
TRP0004)



Nose wheel

Features:

- No more back pain: thanks to the pallet truck you no longer have to lift and move your load yourself
- Provided with nose wheels for clean pallet entry and exit (not on lowered versions and TRP0001)
- Small turning circle for easy movement
- Ergonomic shape of the handle
- Standard equipped with overload valve which protects the system from breaking down when overloading the pallet truck

Available on request:

Custom-made solutions

Fig	Load capacity kg	Material of the pump	Length of the forks mm	Width across the forks mm	Min height mm	Lifting height mm	Material of the steering wheels	Fork wheels	Model	Colour of the pallet truck	REF
3	2000	Cold galvanised steel (cast)	1500	540	80	200	Polyurethane	Tandem/polyurethane	TRP0003	Yellow	112TP9974
3	2000	Cold galvanised steel (cast)	1800	540	80	200	Polyurethane	Tandem/polyurethane	TRP0003	Yellow	112TP9975
3	2000	Cold galvanised steel (cast)	2000	540	80	200	Polyurethane	Tandem/polyurethane	TRP0003	Yellow	112TP9976
3	2500	Cold galvanised steel (cast)	800	540	80	200	Polyurethane	Tandem/polyurethane	TRP0003	Yellow	112TP9977
3	2500	Cold galvanised steel (cast)	800	540	80	200	Rubber	Tandem/polyurethane	TRP0003	Yellow	111TP5061

HANDLING EQUIPMENT



MANUAL PALLET TRUCKS, STEEL, STANDARD VERSIONS

TRANSPAlettes manuels, acier, versions standard – MANUELLE HUBWAGEN, STAHL, STANDARDAUSFÜHRUNGEN

Fig	Load capacity kg	Material of the pump	Length of the forks mm	Width across the forks mm	Min height mm	Lifting height mm	Material of the steering wheels	Fork wheels	Model	Colour of the pallet truck	REF
3	2500	Cold galvanised steel (cast)	800	540	80	200	Rubber	Single/polyurethane	TRP0003	Yellow	112TP9978
3	2500	Cold galvanised steel (cast)	900	540	80	200	Rubber	Tandem/polyurethane	TRP0003	Yellow	112TP9979
3	2500	Cold galvanised steel (cast)	1000	540	80	200	Nylon	Single/nylon	TRP0003	Yellow	112TP9980
3	2500	Cold galvanised steel (cast)	1000	540	80	200	Nylon	Tandem/nylon	TRP0003	Yellow	112TP9981
3	2500	Cold galvanised steel (cast)	1000	540	80	200	Polyurethane	Tandem/polyurethane	TRP0003	Yellow	112TP9982
3	2500	Cold galvanised steel (cast)	1000	540	80	200	Rubber	Tandem/polyurethane	TRP0003	Yellow	111TP5062
3	2500	Cold galvanised steel (cast)	1000	540	80	200	Rubber	Single/polyurethane	TRP0003	Yellow	112TP9983
3	2500	Cold galvanised steel (cast)	1000	685	80	200	Polyurethane	Tandem/polyurethane	TRP0003	Yellow	112TP9984
3	2500	Cold galvanised steel (cast)	1000	685	80	200	Rubber	Tandem/polyurethane	TRP0003	Yellow	112TP9985
3	2500	Cold galvanised steel (cast)	1000	685	80	200	Rubber	Single/polyurethane	TRP0003	Yellow	112TP9986
1	2500	Painted steel (cast)	1150	525	85	200	Polyurethane	Tandem/nylon	TRP0001	Red	112TP9987
1	2500	Painted steel (cast)	1150	525	85	200	Rubber	Tandem/polyurethane	TRP0002	Red	112TP9988
3	2500	Cold galvanised steel (cast)	1150	540	80	200	Nylon	Tandem/nylon	TRP0003	Yellow	112TP9989
3	2500	Cold galvanised steel (cast)	1150	540	80	200	Nylon	Single/nylon	TRP0003	Yellow	112TP9990
2	2500	Painted steel (cast)	1150	540	80	200	Polyurethane	Tandem/polyurethane	TRP0007	Yellow	112TP9991
3	2500	Cold galvanised steel (cast)	1150	540	80	200	Polyurethane	Tandem/polyurethane	TRP0003	Yellow	112TP9992
3	2500	Cold galvanised steel (cast)	1150	540	80	200	Polyurethane	Single/polyurethane	TRP0003	Yellow	112TP9993
2	2500	Painted steel (cast)	1150	540	80	200	Rubber	Tandem/polyurethane	TRP0007	Yellow	112TP9994
3	2500	Cold galvanised steel (cast)	1150	540	80	200	Rubber	Tandem/polyurethane	TRP0003	Yellow	111TP5063
3	2500	Cold galvanised steel (cast)	1150	540	80	200	Rubber	Single/polyurethane	TRP0003	Yellow	112TP9995
3	2500	Cold galvanised steel (cast)	1150	540	85	200	Polyurethane	Tandem/polyurethane	TRP0003	Yellow	112TP9996
3	2500	Cold galvanised steel (cast)	1150	540	80	200	Polyurethane	Tandem/polyurethane	TRP0004	Yellow	112TP9997
3	2500	Cold galvanised steel (cast)	1150	540	80	200	Rubber	Tandem/polyurethane	TRP0004	Yellow	112TP9998
3	2500	Cold galvanised steel (cast)	1150	685	80	200	Nylon	Tandem/nylon	TRP0003	Yellow	112TP9999
3	2500	Cold galvanised steel (cast)	1150	685	80	200	Polyurethane	Tandem/polyurethane	TRP0003	Yellow	113TP1000
3	2500	Cold galvanised steel (cast)	1150	685	80	200	Rubber	Tandem/polyurethane	TRP0003	Yellow	113TP1001
3	3000	Cold galvanised steel (cast)	1150	540	85	200	Polyurethane	Tandem/polyurethane	TRP0003	Yellow	113TP1002

* Quick-lift pump (with a quick-lift pump, you can reach the maximum lifting height after only 5 strokes of the tiller arm)

** Handbrake



MANUAL PALLET TRUCKS, LOW-PROFILE MODELS, STEEL

TRANSPAlettes manuels, modèles bas, acier - MANUELLE HUBWAGEN NIEDRIGPROFILMODELLE, STAHL

TOTAL SOURCE®



A low-profile pallet truck allows you to move pallets that are lower than the standard height of a EUR-pallet (100 mm). All palletised loads up to 2000 kg with low clearance opening can now easily be transported with use of this pallet truck. The minimum starting height is 52 mm. This model is often used on construction sites, e.g. to move bricks.

Features:

- Ideal for pallets with low clearance opening
- Low starting height

Available on request:

Custom-made solutions possible up to a minimum height of 58 mm

Different pumps



Cold galvanised steel cast
(for model TRPL0001)

Load capacity kg	Material of the pump	Length of the forks mm	Width across the forks mm	Min height mm	Lifting height mm	Material of the steering wheels	Fork wheels	Model	Colour of the pallet truck	REF
2000	Galvanised steel (cast)	1150	540	52	165	Polyurethane	Tandem/polyurethane	TRPL0001	Yellow	113TP1003

HANDLING EQUIPMENT



MANUAL PALLET TRUCKS, GALVANISED AND STAINLESS STEEL

TRANSPAlettes manuels, acier galvanisé et inoxydable - Manuelle Hubwagen, verzinkt und aus Edelstahl



TOTAL SOURCE®

The galvanised and stainless steel pallet trucks are specially produced for the food industry, for use in cold and wet conditions and meet all requirements with regard to hygiene. Full stainless steel versions are also included in our range. This ensures that the pallet trucks are resistant to moisture, cleaning agents and other chemicals.

The hard chromed, polished pistons are resistant to rust, scratches and impacts and the pump is double sealed, which prolongs the lifespan of the seals.

Available on request:

- Other dimensions
- Other wheel versions
- Hand- or footbrake
- AISI 304 or AISI 316

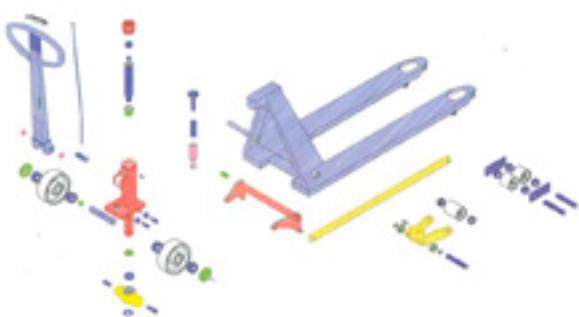
Features:

- Steel bearings with a plastic protection for a longer life span
- No grease nipples which lowers the maintenance cost
- Oil reservoir is located outside the pump making it easier to reach during maintenance
- Great resistance against low and high temperatures (-38 °C up to 40 °C) makes this model suitable for the food and chemical industry
- Corrosion-resistant so ideal to use in wet conditions

Technical specifications:

- Minimum height galvanised steel version: 80 mm
- Minimum height stainless steel version: 85 mm
- Lifting height: 200 mm

Semi-stainless steel manual pallet truck



■ Stainless steel

■ Warm galvanised steel

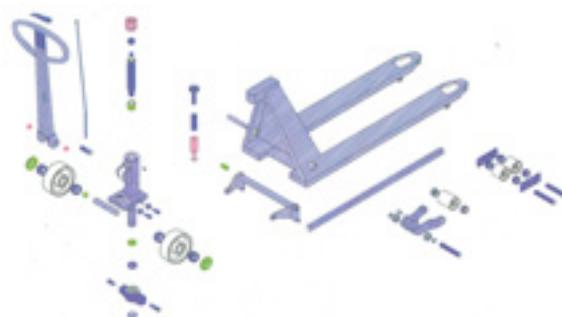
■ Spray-metallised steel

■ Nylon/POM

■ Brass/bronze

— Alu

100% stainless steel manual pallet truck



■ Stainless steel

■ Nylon/POM

■ Brass/bronze

All pins, axles, bearings and bolts: stainless steel

Stainless surfaces on pump, chassis, towbar, pushrod and rocker arm: shot-blasted

Material of the pallet truck	Stainless steel	Load capacity kg	Length of the forks mm	Width across the forks mm	Material of the pump	Material of the steering wheels	Fork wheels	Model	REF
Galvanised	N/A	2500	1150	525	Galvanised steel (cast)	Nylon	Tandem/nylon	TRPG0002	113TP1004
Semi-stainless steel	AISI 304	2500	1130	520	Galvanised steel (welded)	Nylon	Tandem/nylon	TRPI0001	113TP1005
100% stainless steel	AISI 304	2000	1130	520	Stainless steel (welded)	Nylon	Tandem/nylon	TRPI0002	113TP1006



MANUAL PALLET TRUCKS, SILENT VERSION, STEEL

TRANSPALETTE MANUEL, VERSION SILENCIEUSE, ACIER - MANUELLER HUBWAGEN, LAUTLOSE VERSION, STAHL

TOTAL SOURCE®



By using this pallet truck, noise pollution will be reduced compared to a standard pallet truck. This device was specially designed to reduce the noise level while transporting your load. In working environments such as nursing homes, hospitals, libraries, supermarkets or places where deliveries are done at night, using a silent pallet truck is advisable.

The difference? Rubber load rollers and 3 fork wheels in soft polyurethane instead of 2 or 1! They guarantee a quieter handling with a maximum noise level of 60 dB. Furthermore, the sound insulation under the fork carriage and rubber blocks near the pivot points contribute to this high-quality silenced version.

This pallet truck meets all standards for noise emission during loading and unloading in retail trade and craft business and is offered with a PIEK certification.

Features:

- Designed to transport pallets with a minimum noise level (with PIEK certification)
- Thanks to the 3 soft polyurethane fork wheels per fork, noise is reduced considerably while the truck remains easily manoeuvrable to load and unload during the night
- For transport on uneven tiled floors
- Provided with nose wheels for clean pallet entry and exit

Technical specifications:

- Load capacity: 2000 kg
- Material of the pump: painted steel (cast)
- Length of the forks: 1150 mm
- Width across the forks: 525 mm
- Minimum height: 85 mm
- Lifting height: 200 mm
- Steering wheels in rubber
- Fork wheels in polyurethane
- Model: TRP0011
- PIEK certified

REF 113TP1007



MANUAL QUARTER PALLET TRUCK, STEEL

CHARIOT ÉLÉVATEUR MANUEL, ACIER – MANUELLER VIERTELPALETTENHUBWAGEN, STAHL

TOTAL SOURCE®



A simple pallet truck, also known as a display pallet truck, allows you to easily move and lift quarter pallets. Quarter pallets are one quarter of the size of a regular 120-by-80 cm European pallet, and are widely used. This pallet truck is very popular in supermarkets, gas stations and other places where replenishing racks is an important activity. Its compact size makes the pallet truck highly manoeuvrable, which reduces the required working space.

Features:

- Ideal to move displays in supermarkets, gas stations ...
- Ergonomically correct handle for easy movement
- Low weight of the truck makes it highly manoeuvrable
- Can be used to move many types of quarter/display pallets

Technical specifications:

- Load capacity: 300 kg
- Material of the pump: painted steel (cast)
- Length of the fork: 605 mm
- Width across the fork: 200 mm
- Minimum height: 87 mm
- Lifting height: 310 mm
- Steering wheels in polyurethane
- Fork wheels in polyurethane
- Model: TRP0009

REF 113TP1008





FOUR-WAY PALLET TRUCK, STEEL

TRANSPALETTE À QUATRE VOIES, ACIER – HUBWAGEN FÜR VIERWEGE-PALETTEN, STAHL

TOTAL SOURCE®



In addition to forward and backward transporting, you can also move sideways with this pallet truck.

When pumping up the pallet truck, an extra fork wheel appears that situated above the other wheels and is oriented sideways. In this way, you're able to move your load to the left or right by turning the handle to the side you want to go. This application ensures that you can get as close as possible to the storage location.

Do you wish to manoeuvre normally again? Lower the pallet all the way down.

Features:

- Move your load in four directions in tight spaces
- Possibility to bring longer loads closer to a rack
- Even in narrow aisles, you can take your load in any direction without turning
- Interesting for wide objects that need to be stored in a smaller storage space

Technical specifications:

- Capacity: 1500 kg
- Material of the pump: galvanised steel (cast)
- Length of the forks: 1150 mm
- Width across the forks: 540 mm
- Minimum height: 85 mm
- Lifting height: 200 mm
- Steering wheels in rubber
- Fork wheels: tandem/polyurethane
- Weight: 85 kg
- Made of steel



Four-way drive wheels



Pump in galvanised steel
(cast)

REF 113TP1009



ALL-TERRAIN PALLET TRUCK, STEEL

TRANSPALETTE TOUT TERRAIN, ACIER – GELÄNDEHUBWAGEN, STAHL

TOTAL SOURCE®



Does your unpaved surface not allow you to use a standard pallet truck? Then switch to an all-terrain pallet truck that provides the same functions: transporting and lifting pallets up to 1200 kg. Especially designed for the building and construction industries.

This model has 4 pneumatic tyres that are ideal to move your load across dirt or other places where the ground is uneven, on sand, stones ...

Features:

- You won't get stuck because of the large and strong wheels
- The forks are adjustable in width
- Equipped with a sturdy steel frame that ensures extreme stability
- Same easy handling as a standard pallet truck

Technical specifications:

- Load capacity: 1200 kg
- Material of the pump: painted steel (cast)
- Length of the forks: 860 mm
- Width of the forks: 100 mm
- Minimum height: 75 mm
- Lifting height: 250 mm
- 4 pneumatic tyres
- Weight: 225 kg
- Made of steel

REF [113TP1010](#)





SEMI-ELECTRIC PALLET TRUCKS, STEEL

TRANSPAlettes SEMI-ÉLECTRIQUES, ACIER - HALBELEKTRISCHE HUBWAGEN, STAHL

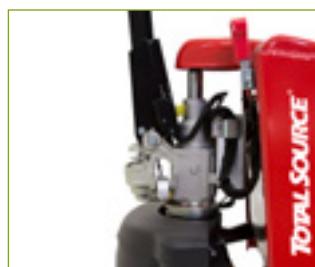
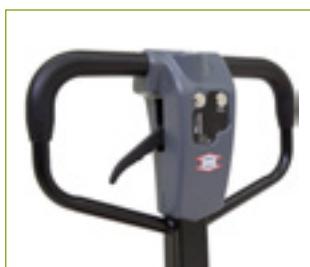
TOTAL SOURCE®



Opt for a semi-electric pallet truck with all the advantages of an electric pallet truck, but at a lower cost. This type is electrically driven. As the travel speed is higher, an emergency stop switch and foot protection are provided as standard to ensure your safety. The speed can be regulated with the turtle speed button.

Features:

- Electric driving solution to move faster without physical effort
- Integrated battery, resulting in less damage and a longer overall lifespan of the pallet truck
- The steering wheels are protected with a plastic protective cap, which also protects your feet during transport
- Small turning circle allows you to make tight turns effortlessly
- Choose how fast you want to transport thanks to the two speed options turtle (2,5 km/h) or rabbit (4 km/h)



Technical specifications:

- Load capacity: 1500 kg
- Material of the pump: galvanised steel (cast)
- Minimum height: 85 mm
- Lifting height: 200 mm
- Steering wheels in polyurethane
- Fork wheels: tandem/polyurethane
- With integrated charger
- With emergency stop
- Built-in semi-traction battery

Length of the forks mm	Width across the forks mm	Type of connector	Model	REF
1000	560	European connector	ELP15EU	113TP1011
1000	560	British connector	ELP15UK	113TP1012
1150	560	European connector	ELP15EU	113TP1013
1150	560	British connector	ELP15UK	113TP1014



GARAGE JACKS

CRICS DE GARAGE – WERKSTATTWAGENHEBER

TOTAL SOURCE®



The garage jack is a heavy-duty trolley jack specially designed for use in professional garages and workshops. The sturdy wheels, length of the chassis and strong steel construction make this jack a reliable and safe product.

In addition to the long handle equipped with an ergonomic handgrip, you can also use the foot pump to lift faster. Thanks to this double pumping system, your job is done in no time.

To work safely on the machine, you should always use stands or blocks to secure the machine after lifting it.

Features:

- High capacity to easily lift up your car or truck
- Ideal for small and quick repairs
- Strong and stable product made of steel
- Twist grip handle for controlled lowering
- Large steel wheels for ultimate stability
- Strong and long handle for optimal reach
- Your safety is guaranteed thanks to the safety valve

	Capacity kg	Min lifting height mm	Max lifting height mm	Technical specifications	Weight kg	REF
	3000	140	500	<ul style="list-style-type: none"> • Width of the base: 341 mm • Length of the base: 637 mm • Made of steel • Model: KRIG0004 	37,3	113TP1015
	2000	140	530	<ul style="list-style-type: none"> • Width of the base: 440 mm • Length of the base: 1170 mm • Made of steel • Model: KRIG0001 	58	113TP1016
	5000	150	410	<ul style="list-style-type: none"> • Width of the base: 510 mm • Length of the base: 1530 mm • Made of steel • Model: KRIG0002 	87	113TP1017
	10 000	160	400	<ul style="list-style-type: none"> • Width of the base: 580 mm • Length of the base: 1660 mm • Made of steel • Model: KRIG0003 	146	113TP1018

HANDLING EQUIPMENT



SAFETY TRESTLE

TRÉTEAU DE SÉCURITÉ - STÜTZBOCK

TOTAL SOURCE®



Thanks to the foldaway wheels, the safety trestle can easily be placed under the trailer to prevent it from tilting. The weight of the trailer is spread over the support to ensure stability. In this way, you can avoid damage to your truck, your goods and the surface. A safe environment guaranteed.

Features:

- Foldaway wheels for easier movement
- Supporting beam made of durable oak for optimal stability
- 5 preset heights to choose the best supporting height
- Weight is spread over the supporting beam for great stability
- No danger of tipping of the trailer
- With plastic handle for a secure grip

Technical specifications:

- Load capacity: 15 000 kg
- Minimum height: 1080 mm
- Maximum height: 1300 mm
- Width: 550 mm
- Length: 1200 mm
- Own weight: 72 kg

REF 111TP143

TRAILER SAFETY JACK

CRIC DE SÉCURITÉ POUR REMORQUE - MASCHINENHEBER

TOTAL SOURCE®



Place this trailer safety jack to support the trailer of your truck during loading or unloading. This ensures a reliable and stable support and results in a safe working environment.

By using a trailer safety jack, you prevent your trailer from tipping or tilting and damaging your goods. A clever and good investment that can prevent a lot of problems and costs.

Features:

- Screw mechanism with removable handle for easy storage
- With wheels for easy movement
- Prevents your trailer from tipping

Technical specifications:

- Load capacity: 22 700 kg
- Minimum height: 1070 mm
- Maximum height: 1350 mm

REF 111TP144



STANDARD TROLLEYS

DIABLES STANDARD – STANDARDWAGEN

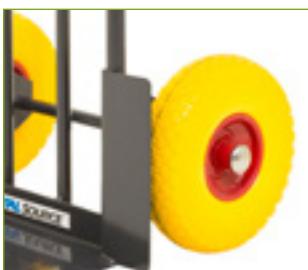
TOTAL SOURCE®



Each trolley of this extensive range is equipped with safety handles, a stable welded construction and high-quality wheels.

The range provides steel or galvanised steel versions, with pneumatic or solid tyres. Pneumatic tyres are filled with air or foam up to a desired pressure level in order to achieve the appropriate load and deflection characteristics. Solid tyres and non-marking tyres aren't filled with air, so you don't have to worry about punctures or blowouts. Don't want black markings on your floor? Then opt for non-marking tyres. You can choose the right kind of tyres according to the tasks or surface.

Aluminium versions are also part of the range. Looking for specific trolleys such as stair-climbing trolleys, chair trolleys or tyre sack trucks? You can find them on the following pages of this chapter.



Non-marking tyres



Pneumatic tyres



Solid tyres

Features:

- The strong construction makes the trolleys a reliable means of transport
- Pneumatic, solid or non-marking tyres, the choice is yours
- Possibility to choose an aluminium model, ideal for use in humid environments
- Non-marking tyres leave no markings and can never be punctured

HANDLING EQUIPMENT



STANDARD TROLLEYS

DIABLES STANDARD – STANDARDWAGEN

TOTAL SOURCE®

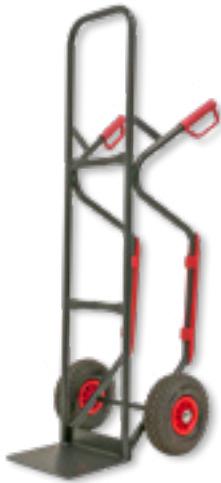
	Technical specifications	REF
	<ul style="list-style-type: none"> Load capacity: 200 kg Total height: 1100 mm Total width: 480 mm Dimensions of the loading platform (W x L): 300 x 200 mm Made of steel Weight: 10 kg 	111TP5054 Pneumatic tyres
	<ul style="list-style-type: none"> Load capacity: 200 kg Total height: 1130 mm Total width: 540 mm Dimensions of the loading platform (W x L): 400 x 175 mm Made of steel Weight: 10 kg 	111TP5055 Solid tyres
	<ul style="list-style-type: none"> Load capacity: 250 kg Total height: 1190 mm Total width: 430 mm Dimensions of the loading platform (W x L): 400 x 170 mm Dimensions of the loading platform extension (W x L): 340 x 515 mm Pneumatic tyres Made of steel Weight: 16 kg 	113TP1021
	<ul style="list-style-type: none"> Load capacity: 300 kg Total height: 1200 mm Total width: 500 mm Dimensions of the loading platform (W x L): 280 x 280 mm Pneumatic tyres Made of steel Weight: 10 kg 	113TP1022
	<ul style="list-style-type: none"> Load capacity: 300 kg Total height: 1300 mm Total width: 640 mm Dimensions of the loading platform (W x L): 390 x 300 mm Pneumatic tyres Made of steel Weight: 17 kg 	113TP1023
	<ul style="list-style-type: none"> Load capacity: 300 kg Total height: 1350 mm Total width: 500 mm Dimensions of the loading platform (W x L): 280 x 280 mm Pneumatic tyres Made of steel Weight: 12 kg 	113TP1024

HANDLING EQUIPMENT



STAIR-CLIMBING TROLLEYS

DIABLES MONTE-ESCALIERS – TREPPENGÄNGIGE WAGEN



No lift available? To smoothly transport your goods up the stairs, you need suitable equipment. Our range of stair-climbing trolleys consists of three models. You can choose for a trolley equipped with a three-wheeled construction, five-wheeled construction or skids. There's a stair-climbing trolley available for every need.



Stairclimber



Skids

Features:

- Makes easy transport on stairs possible
- Ideal when there is no elevator
- Multiple options in our range

	Technical specifications	REF
	<ul style="list-style-type: none">• Load capacity: 250 kg• Total height: 1390 mm• Total width: 500 mm• Dimensions of the loading platform (W x L): 300 x 250 mm• Solid tyres – non marking• With plastic skids• Made of steel• Weight: 11 kg	111TP5056 Pneumatic tyres
		111TP5057 Solid tyres
		113TP1025 Solid tyres non marking
	<ul style="list-style-type: none">• Load capacity: 250 kg• Total height: 1225 mm• Total width: 630 mm• Dimensions of the loading platform (W x L): 270 x 205 mm• Pneumatic tyres• With plastic skids• Made of aluminium• Weight: 7 kg	113TP1026
	<ul style="list-style-type: none">• Load capacity: 200 kg• Total height: 1250 mm• Total width: 480 mm• Dimensions of the loading platform (W x L): 280 x 280 mm• Solid tyres• Star-shaped wheel with 3 wheels on each side• Made of steel• Weight: 19 kg	113TP1027

HANDLING EQUIPMENT



FOLDING TROLLEYS

DIABLES PLIABLES - KLAPPWAGEN

TOTAL SOURCE®



All TotalSource® foldable trolleys are made of sturdy aluminium. These fully foldable trolleys are compact and lightweight, allowing for easy storage, yet suitable for large and heavy loads that can range from 70 up to 250 kg.

Want to purchase a larger quantity? We have 2 types of foldable trolleys you can buy per set of 10 units. Stands are also available, should you want to display them in your showroom.

Features:

- Strong aluminium construction, yet lightweight to transport
- Little storage space needed
- Can be bought in a set of 10, including a stand

	Technical specifications	REF
	<ul style="list-style-type: none">• Load capacity: 70 kg• Total height: 1020 mm• Foldable height: 773 mm• Total width: 400 mm• Dimensions of the loading platform (W x L): 385 x 280 mm• Solid tyres• Made of aluminium• Weight: 3 kg	113TP1028
	<ul style="list-style-type: none">• Load capacity: 100 kg• Total height: 1080 mm• Foldable height: 830 mm• Total width: 500 mm• Dimensions of the loading platform (W x L): 350 x 483 mm• Solid tyres• Made of aluminium• Weight: 5 kg	113TP1029 Set of 10 pieces with stand
		111TP452
		113TP1030 Set of 10 pieces with stand

HANDLING EQUIPMENT



FOLDING TROLLEYS

DIABLES PLIABLES - KLAPPWAGEN

TOTAL SOURCE®

TROLLEYS - DIABLES - TRANSPORTWAGEN

	Technical specifications	REF
	<ul style="list-style-type: none"> Load capacity: 125 kg Total height: 1125 mm Foldable height: 662 mm Total width: 480 mm Dimensions of the loading platform (W x L): 480 x 220 mm Solid tyres Made of aluminium Weight: 11 kg 	113TP1031
	<ul style="list-style-type: none"> Load capacity: 125 kg Total height: 1120 mm Foldable height: 712 mm Total width: 480 mm Dimensions of the loading platform (W x L): 480 x 400 mm Solid tyres Made of aluminium Weight: 13 kg 	113TP1032
	<ul style="list-style-type: none"> Load capacity: 200 kg Total height: 1285 mm Foldable height: 1052 mm Total width: 635 mm Dimensions of the loading platform (W x L): 610 x 390 mm Solid tyres Made of aluminium Weight: 4 kg 	113TP1033
	<ul style="list-style-type: none"> Load capacity: 250 kg Total height: 1250 mm Foldable height: 870 mm Total width: 655 mm Dimensions of the loading platform (W x L): 570 x 340 mm Pneumatic tyres Made of aluminium Weight: 12 kg 	113TP1034
	<ul style="list-style-type: none"> Load capacity: 230 kg Total height: 1259 mm Foldable height: 724 mm Total width: 527 mm Dimensions of the loading platform (W x L): 460 x 214 mm Pneumatic tyres Made of aluminium Weight: 4 kg 	113TP1035



PLATFORM TROLLEYS

CHARIOTS À PLATEFORME - PLATTFORMWAGEN

TOTAL SOURCE®



Platform trolleys, also known as flatbed trolleys, help you to easily transport heavy or large furniture, even on your own. This trolley is also a handy tool for transporting goods through narrow aisles.

Features:

- Suitable means of transport for moving heavy loads when there is not much space
- Many models are available so that the right model can be used for your activities

Available on request:

- Different capacities
- Different dimensions
- Foldable handle
- Other wheel versions
- Industrial versions
- Different handles

	Technical specifications	REF
	<ul style="list-style-type: none"> · Load capacity: 150 kg · Total height: 830 mm · Dimensions of the loading platform (W x L): 600 x 440 mm · 2 fixed and 2 castors wheels · Made of steel · Loading platform made of rubber · With foldable handle 	111TP453
	<ul style="list-style-type: none"> · Load capacity: 250 kg · Total height: 961 mm · Dimensions of the loading platform (W x L): 850 x 500 mm · 2 fixed and 2 castors wheels · Made of steel · Loading platform made of wood 	113TP1036
	<ul style="list-style-type: none"> · Load capacity: 300 kg · Total height: 880 mm · Dimensions of the loading platform (W x L): 910 x 610 mm · 2 fixed and 2 castors wheels · Made of steel · Loading platform made of rubber · With foldable handle 	111TP454



FURNITURE MOVERS

CHARIOTS PORTE-MEUBLES - MÖBELHUBROLLER

TOTAL SOURCE®



Furniture movers are perfect for short internal transports and/or the installation of heavy loads.

These trolleys are the ideal solution to lift and transport heavy and bulky goods easily and comfortably. They are sold as a set of two transport units for efficient transport.

Features:

- You no longer have to carry heavy furniture with several people
- No more damage to the goods thanks to these transport aids
- Weight is supported by both carriers so you can move efficiently

	Lifting height mm	Height mm	Technical specifications	REF
	300	780	<ul style="list-style-type: none"> • Load capacity: 600 kg • Dimensions of the loading platform (W x L): 225 x 120 mm • Total width: 390 mm • Total length: 570 mm • Wheels in polyurethane 	113TP1037
	100	1000	<ul style="list-style-type: none"> • Load capacity: 1800 kg • Dimensions of the loading platform (W x L): 600 x 60 mm • Total width: 420 mm • Total length: 680 mm • Wheels in rubber 	113TP1038
	250	1070		113TP1039



FOLDABLE LOADING RAMPS

RAMPES DE CHARGEMENT RABATTABLES - FALTBARE LADERAMPEN



TOTAL SOURCE®



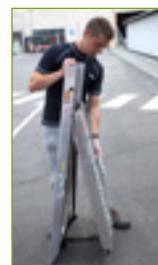
Our range of high-quality foldable loading ramps consists of retractable and collapsible aluminium ramps. Moving these ramps is easy thanks to their low weight and integrated handles.

With their non-skid profile, they are very suitable for different means of transport, such as mobility scooters, wheelchairs, scooters, mopeds, bikes and so on.



Features:

- Sufficiently wide so that a wheelchair can also pass over
- Provided with a non-skid layer which makes slipping away impossible
- Equipped with handle for easy transport
- Less storage space required due to the possibility to fold up the ramp



REF [113TP1040](#)

	Total length mm	Technical specifications	Weight per piece kg	REF
	2200	<ul style="list-style-type: none"> • Load capacity (per unit): 240 kg • Total width: 320 mm • Made of aluminium • Sold per unit 	9	113TP1040
	610	<ul style="list-style-type: none"> • Load capacity (per unit): 270 kg • Total width: 735 mm • Internal width: 700 mm • Total height: 50 mm • Made of aluminium • Sold per unit 	5,4	111TP700
	910		8,4	111TP701
	1220		10,4	111TP702
	1520		13,2	111TP703
	1830		16,8	111TP704
	2130		18,4	111TP705

HANDLING EQUIPMENT



FOLDABLE LOADING RAMPS FOR INSTALLATION IN VEHICLES

RAMPES DE CHARGEMENT RABATTABLES POUR INSTALLATION SUR VÉHICULES –
FALTBARE LADERAMPEN ZUM EINBAU IN FAHRZEUGE

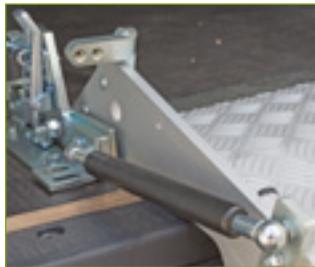


TOTAL SOURCE®



Looking for a loading ramp to load your goods into your van? This vehicle-mounted folding loading ramp will save you valuable time. The ramp is easy to (dis)assemble thanks to just two clips and can be installed onto various vehicles with similar dimensions.

The compact model is lightweight and easy to handle, which makes it an ergonomic solution for loading and unloading goods into or from your van. This model is available in different sizes.



Features:

- Light and easy to handle thanks to its ergonomic design
- Easy to (dis)assemble, fully fitted with only 2 clips
- Fits into most light commercial vehicles, ideal for small loading needs

Technical specifications:

- Made of aluminium
- Sold per unit



Load capacity (per unit) kg	Total length mm	Total width mm	Total height mm	Weight per piece kg	REF
400	2000	1000	1020	45	111TP5116
400	2250	1000	1200	50	111TP5117
400	2500	1000	1300	55	111TP5118
400	2700	1000	1400	60	111TP5119
400	3000	1000	1570	65	111TP5120
450	2000	800	1020	30	111TP5106
450	2250	800	1200	33	111TP5107
450	2500	800	1300	38	111TP5108
450	2700	800	1400	40	111TP5109
600	2000	800	1020	32	111TP5110
600	2000	800	1020	32	111TP5111
600	2000	1000	1020	47	111TP5121
600	2250	800	1200	35	111TP5112
600	2250	1000	1200	53	111TP5122
600	2500	800	1300	40	111TP5113
600	2500	1000	1300	58	111TP5123
600	2700	800	1400	43	111TP5114
600	2700	1000	1400	62	111TP5124
600	3000	800	1570	45	111TP5115
600	3000	1000	1570	68	111TP5125



CONTAINER LOADING RAMP

RAMPES DE CHARGEMENT POUR CONTENEUR - CONTAINERRAMPEN



TOTAL SOURCE®



Thresholds when entering a container are no longer a problem when using these container loading ramps.

They allow you to smoothly drive into a container with a forklift truck, pallet truck, hand truck or other equipment, in a simple and safe way.

Features:

- Allows for quick entry in a container
- Goods remain stable on your transport equipment
- Truck wheels no longer have to absorb the shock when going over the threshold, which means they last longer

Technical specifications:

- Load capacity per unit: 7500 kg
- Total length: 2000 mm
- Total width: 1800 mm
- Total height: 200 mm
- Weight: 150 kg
- Made of steel
- Sold per unit

REF 111TP1163



LOADING BRIDGES

RAMPES DE CHARGEMENT – LADEBRÜCKEN



TOTAL SOURCE®

Loading bridges are specially designed to bridge the gap between the loading dock and the container.

These aluminium transportable solutions are a lightweight yet durable construction with non-skid aluminium sheets. In this way, they can quickly and easily be moved to another position or loading dock.

They are ideal for use in logistics companies where internal means of transport such as trolleys and pallet trucks are used.



Features:

- Creates a gangway from the trailer to the loading dock
- Makes loading and unloading faster because you don't need to get off the trailer with your goods
- Provided with a non-skid layer which makes slipping impossible

Available on request:

- Other dimensions
- Other capacities

Load capacity (per unit) kg	Total length mm	Technical specifications	Weight per piece kg	REF
610	750		13	113TP1041
610	1000		17	113TP1042
610	1200		20	113TP1043
610	1800		30	113TP1044
1200	1000		35	111TP1162
1300	1000		27	113TP1045
1300	1500		41	113TP1046

HANDLING EQUIPMENT

WHEEL CHOCKS

CALES DE ROUE - UNTERLEGKEILE

TOTAL SOURCE®



Our range of wheel chocks contains small, medium and large versions. We can offer you 4 different material types: rubber, galvanised steel, aluminium and thermoplastic.

Need something more ergonomic? Then discover the wheel chock with handle. Bending over repeatedly can lead to back or knee problems, which can easily be avoided by using this ergonomic wheel chock with handle.

A powder-coated holder is available for the medium and large wheel chocks. These holders allow you to store your wheel chocks and reduce the chance of losing them.

Features:

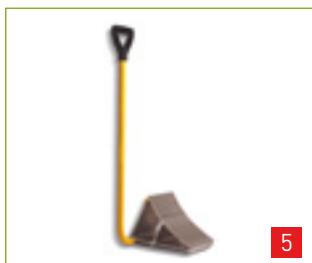
- For flat or sloping surfaces
- Strong and lightweight



Kit wheel chock + holder

Aluminium version

Galvanised version



Aluminium version with handle



Rubber version

Holder for wheel chocks



Weight: 2,2 kg

REF 113TP1053

Fig	Capacity kg	Width mm	Length mm	Height mm	Material	Type of handle	Weight kg	REF
1	1600	122	335	147	Plastic	Hand grip	0,52	113TP1047
1	5000	160	387	193	Plastic	Hand grip	0,73	113TP1048
1	6500	198	467	225	Plastic	Hand grip	1,25	111TP142
2	6500	198	467	225	Plastic	Hand grip	2,15	113TP1049
4	5000	200	362	158	Galvanised steel	Hand grip	2,85	113TP1050
3	5000	178	300	200	Aluminium	N/A	2,50	113TP1051
5	5000	200	300	178	Aluminium	Handle	3,15	111TP145
6	17 000	145	190	240	Rubber	N/A	3,70	113TP1052



WORKSHOP & WAREHOUSE SUPPLIES AND PPE

**RATCHET BINDERS**

TENDEURS D'ARRIMAGE À CLIQUET - ZURRGURTE



1

2

Fig	Lengte mm	Capacity kg	SHF daN	STF daN	REF
1	9000	2500/5000	50	350	111TP616
1	12 000	2500/5000	50	350	111TP617
2	5000	400/800	50	100	111TP618
2	5000	750/1500	50	100	111TP619
2	7000	1000/2000	50	150	111TP620
2	9000	2000/4000	50	320	111TP621
2	9000	2500/5000	50	350	111TP622
2	9000	2500/5000	50	500	111TP623
2	12 000	2500/5000	50	350	111TP624
2	12 000	5000/10 000	50	500	111TP625



SOLID WATERPROOF BOXES IN HIGH-DENSITY POLYETHYLENE

BOÎTES ÉTANCHES SOLIDES EN POLYÉTHYLÈNE HAUTE DENSITÉ – SOLIDE WASSERFICHTE BOXEN IN POLYETHYLEN MIT HOHER DICHTE



- Carrying strap and tool box
- Handles and fasteners in galvanized steel
- External dimensions (L x W x H): 500 x 320 x 330 mm
- Capacity: 50 l

REF [111TP1173](#)



- Handles and fasteners in galvanized steel
- External dimensions (L x W x H): 680 x 400 x 440 mm
- Capacity: 120 l

REF [111TP1174](#)



- Handles and fasteners in galvanized steel
- External dimensions (L x W x H): 850 x 500 x 420 mm
- Capacity: 180 l

REF [111TP1175](#)



- Handles and fasteners in galvanized steel
- External dimensions (L x W x H): 1100 x 500 x 410 mm
- Capacity: 240 l

REF [111TP1176](#)



PVC STRIPS

BANDES PVC - PVC-STREIFEN



Type	Length m	Width mm	Thickness mm	REF
Crystal	50	200	2	111TP458
Crystal	25	300	3	111TP459
Crystal	50	300	3	111TP460
For cold temperature				
Polar	50	200	2	111TP461
Polar	50	300	3	111TP462

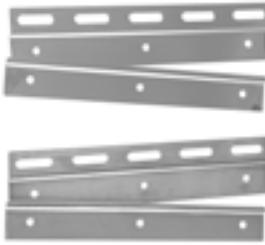
Rails



REF 111TP463 – Width: 984 mm

REF 111TP464 – Width: 1230 mm

Plates



REF 111TP465 – Width: 200 mm

REF 111TP466 – Width: 300 mm

For cold temperature

Partitioning by means of a strip curtain

- Closing off of passages or hall partitioning
- 50 or 100 mm overlap
- Max height: 5 m, width unlimited
- Easy installation

To be completely assembled by yourself. You can compose your kit yourself by means of below details.

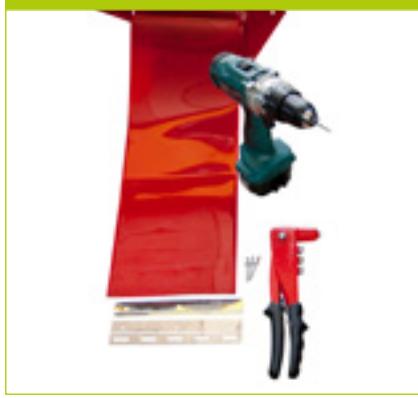
Choice of draught strip

- Transparent: for standard use
- Polar: transparent draught strips specifically designed for use in cooled spaces

Most common applications

- Passage for personnel and pallet trucks indoor: 300 x 2 mm
- Passage for lift trucks from indoor to outdoor: 300 x 3 mm

Simple assembly



Punch strip



Rivet plate to strip





ELECTRICAL TAPE

RUBAN ISOLANT - ISOLIERBAND



Black insulating tape

- 19 mm x 20 m
- Thickness: 0,15 mm
- PVC
- Temperature durability: 90 °C
- Flame retardant

REF [111TP330](#)

JERRYCANS FOR PETROL

JERRICANS À CARBURANT - BENZINKANISTER



- Polyethylene petrol jerrycan with flexible spout
- In conformity with UN 3H1/Y1.0/150/D...D/BAM7310-PRES

REF [111TP244](#) – Capacity: 10 l

REF [111TP245](#) – Capacity: 20 l

MULTI-PURPOSE LITHIUM GREASE

GRAISSE AU LITHIUM POLYVALENTE - MEHRZWECK-LITHIUMFETT



Multi-purpose grease suitable for a wide range of applications

- Lithium EP2 grease
- Durable
- Contents: 400 g

REF [112TP9882](#)



MULTI-PURPOSE EXTREME-PRESSURE LITHIUM/CALCIUM GREASE WITH MOS2

GRAISSE POLYVALENTE LITHIUM/CALCIUM HAUTE PRESSION AVEC MOS2 –
MEHRZWECK-HOCHDRUCK LITHIUM/KALZIUMFETT MIT MOS2



Product description:

- A true multipurpose grease, formulated for lubrication of various shock-loaded or vibrating applications in transport, agriculture and off-road equipment, operating in wet, dusty and/or dry conditions
- Suitable for boundary lubrication at high pressures and high temperatures. In case of accidental overheating, the presence of MoS2 will guarantee good lubrication, and avoid any jamming or sticking
- Always avoid contamination of the grease by dust and/or dirt when applying
- Preferably use a pneumatic pump system or cartridges

Specifications:

- ISO 6743-9 L-XBCEB 2
- DIN 51 502 MPF2K -25

Advantages:

- This grease forms a durable lubrication film, resulting in reduction of maintenance and down-time costs
- Miscible with most other conventional soap greases
- Excellent mechanical stability avoiding ejection or loss of consistency during operation
- Excellent adhesion to metal
- Good thermal stability, leading to high resistance to temperature variations
- It does not contain lead, or other heavy metals considered harmful to human health and the environment

REF [111TP239](#) – 400 g

REF [112TP9913](#) – 18 kg

REF [111TP240](#) – 50 kg

WHITE LITHIUM GREASE

GRAISSE BLANCHE AU LITHIUM – LITHIUMSCHMIERFETT – WEISS



EP (extreme pressure) lithium multipurpose grease with white solid lubricants and PTFE

- Contains PTFE for extra lubricity
- Sprays like an oil but sets like a grease
- Long-lasting lubrication
- Contents: 500 ml

REF [111TP252](#)



MULTI-PURPOSE EXTREME PRESSURE LITHIUM/CALCIUM GREASE NLGI2

GRAISSE POLYVALENTE LITHIUM/CALCIUM HAUTE PRESSION NLGI2 –
MEHRZWECK-HOCHDRUCK LITHIUM/KALZIUMFETT NLGI2



- A multipurpose extreme-pressure grease, formulated for the lubrication of all kinds of industrial applications, operating in wet and dusty and/or dry conditions
- Also suitable as EP multipurpose grease, in "off-road" applications where water is in frequent contact with the grease, e.g. pin-bushings, Crown and Caterpillar wheels on excavators
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system or cartridges



Specifications:

- ISO 6743-9 L-XBDHB 2
- DIN 51 502 KP2K -25

Advantages:

- Because of its true multipurpose character it may replace a wide range of greases, allowing stock rationalization and simplification of maintenance
- Forms a durable lubrication film, resulting in reduction of maintenance and down-time costs
- Miscible with most other conventional soap greases
- Excellent mechanical stability avoiding ejection or loss of consistency during operation
- Excellent adhesion to metal
- Good thermal stability, leading to high resistance to temperature variations
- This grease does not contain lead, or other heavy metals considered harmful to human health and the environment

REF 112TP9914 – 5 kg

REF 111TP237 – 18 kg

REF 112TP9915 – 50 kg



HIGH-VISCOSITY INDEX ANTIWEAR HYDRAULIC OIL

HAILE HYDRAULIQUE ANTI-USURE À HAUT INDICE DE VISCOSITÉ – ANTI-VERSCHLEISS-HYDRAULIKÖL MIT HOHER VISKOSITÄT



Product description:

- Recommended for all kind of hydraulic systems operating under high pressure (limit as indicated by the pump manufacturer) and high temperature (up to 100 °C in hot spots)
- Lubricants especially suitable for hydraulic systems working under extreme temperature variations and equipment operating outside: easy start-up at low temperatures (-30 °C)



International specifications:

- Afnor NF E 48-603 HV
- ISO 6743/4 HV
- DIN 51524 P3 HVLP
- Cincinnati Milacron P68, P69, P70
- Vickers M-2950S, -I-286

Advantages:

- Very high viscosity index
- Excellent shear stability
- Superior thermal stability avoiding the formation of sludge even at high temperatures
- Very good oxidation stability ensuring a long service life of the fluid
- High protection against wear ensuring maximum equipment life
- Excellent hydrolytic stability avoiding filter blocking
- Remarkable filterability even in the presence of water
- Excellent protection against rust and corrosion
- Good anti-foam and air release properties by using silicone free components
- Very low pour point
- Good demulsibility ensuring rapid water separation

REF 112TP9884 – 5 l, ISO VG 15

REF 112TP9916 – 20 l, ISO VG 15

REF 112TP9917 – 208 l, ISO VG 15

MULTI-FUNCTIONAL SPRAY WD-40

SPRAY MULTIFONCTION WD-40 – MULTIFUNKTIONSSPRAY WD-40



1

2

- Loosens and frees stuck, frozen or rusted metal parts
- Protects metal surfaces against corrosion
- Cleans
- Eliminates squeaks
- Displaces moisture
- Lubricates just about anything



Only available in Benelux, Germany, Austria, Switzerland and France

1. **REF 111TP262** – 200 ml

2. **REF 111TP264** – 450 ml, mart straw for reaching tight places



5-56 PRO



Multipurpose spray

- Displaces moisture, starts wet engines and prevents electrical failures
- Lubricates and loosens seized and rusted mechanisms
- Protects against humidity and prevents flash rust
- Safe on metals, most rubbers, plastics and coatings
- Test on sensitive or stressed materials before use
- General corrosion protection
- Penetrates quickly
- Contents: 500 ml

REF [112TP9885](#)

ABSORBING KITS TO REMOVE SPILLS (20 L)

KITS D'INTERVENTION POUR NETTOYER LES DÉVERSEMENTS (20 L) – LECKAGE-NOTFALLSET FÜR ÖL



Ensures a quick response in case of spillage of oils, chemicals and other hazardous fluids

Contains:

- 30 absorbing pads to absorb large amounts of fluids – 30 x 30 cm
- 1 absorbing sock to curb the spill – 8 cm x 1,2 m
- 5 cleaning rags to absorb small amounts of fluids
- 1 pair of gloves
- 2 bags of 30 l
- Safety goggles (only in chemical version)

REF [112TP9918](#) – Oil spill kit – blue cloths absorb oil and repel water

REF [112TP9919](#) – Chemical spill kit – yellow cloths absorb all fluids

REF [112TP9920](#) – Universal spill kit – grey cloths absorb all fluids

LOCTITE 603 RETAINING COMPOUND

LOCTITE 603 PRODUIT DE FIXATION – LOCTITE 603 SCHRAUBENSICHERUNGSLACK



High-strength retaining compound

- Max gap size 0,10 mm
- Fixture time for steel: 8 min
- Operating temperature: -55 up to 150 °C
- NSF: P1 – reg n° 123003
- Contents: 50 ml
- Ideal for sintered bearings. For use on close-fitting cylindrical parts
- High oil tolerance

REF [111TP276](#)



LOCTITE 270 THREADLOCKING ADHESIVE

LOCTITE 270 ADHÉSIF POUR FREINFILET – LOCTITE 270 HOCHFESTE SCHRAUBENSICHERUNG



LOCTITE®



High-strength threadlocker

- Max thread size M36
- Operating temperature: -55 up to 180 °C
- NSF: P1 – reg n° 123006
- Used for permanent locking
- Suitable for all metal threaded assemblies
- Can be disassembled by heating to 300 °C

REF 112TP9922 – 10 ml

REF 111TP443 – 50 ml

LOCTITE 638 RETAINING COMPOUND

LOCTITE 638 PRODUIT DE FIXATION – LOCTITE 638 SCHRAUBENSICHERUNGSLACK



LOCTITE®



High-strength retaining compound

- Operating temperature: -55 up to 150 °C
- NSF: P1 – reg n° 123010
- Ideal for shafts, gears, pulleys and similar cylindrical parts
- General-purpose
- Fast-curing
- High temperature resistance

REF 112TP9921 – 10 ml

REF 111TP446 – 50 ml

LOCTITE 641 RETAINING COMPOUND

LOCTITE 641 PRODUIT DE FIXATION – LOCTITE 641 SCHRAUBENSICHERUNGSLACK



LOCTITE®



Medium-strength retaining compound

- Max gap size 0,10 mm
- Fixture time for steel: 25 min
- Operating temperature: -55 up to 150 °C
- Contents: 50 ml

Ideal for parts that need subsequent dismantling, i.e. retention of bearings on shafts and in housings

REF 111TP445



LOCTITE HY 4070 INSTANT ADHESIVE

LOCTITE HY 4070 ADHÉSIF INSTANTANÉ – LOCTITE HY4070 SCHENELLHÄRTENDER ZWEIKOMPONENTIGER KLEBSTOFF



Universal instant adhesive

- Maximum gap size: 5 mm
- Temperature resistance: up to 100 °C
- Contents: 11 g
- Fast fixture at room temperature
- Non-sag
- Gel consistency that prevents adhesive flow, even on vertical surfaces
- Temperature and moisture resistance
- Extra mixers REF 165TA2826 (10 pieces)

REF [112TP9886](#)

COCKPIT SHINE PRO

COCKPIT SHINE PRO – COCKPIT SHINE PRO



Shiny cockpit renovator that forms a protective barrier against colour fading and hardening caused by the penetration of ozone, UV rays and oxygen

- Silicone-free
- Forms a clear, shiny, water-repellent film
- Leaves a 'new look' interior
- Contents: 500 ml

REF [112TP9893](#)



ANTIFREEZE & COOLANT

ANTIGEL, LIQUIDE DE REFROIDISSEMENT - FROSTSCHUTZMITTEL ROT

TOTAL SOURCE®

Type of antifreeze and coolant	Classic (type C: G11)		Liquid with corrosion inhibitors (type D: G12+)							
Product base	Monoethylene glycol		Monoethylene glycol and organic corrosion inhibitors Strongly recommended for engines of the latest technology							
Antifreeze										
Dilution ratio	Quantity of antifreeze	Protects in temperatures as low as	Quantity of antifreeze	Protects in temperatures as low as						
	20%	-10 °C	33%	-20 °C						
	30%	-15 °C	40%	-26 °C						
	50%	-36 °C	50%	-37 °C						
			68%	-69 °C						
Volume	10 l		10 l							
REF	111TP279		111TP284							
Ready-to-use coolant (already diluted)										
Protects in temperatures as low as	-28 °C		-28 °C							
Volume	5 l		5 l							
REF	112TP9887		111TP287							
 <ul style="list-style-type: none"> Do not mix type C and type D Use demineralised water to dilute the antifreeze 		Demineralised water <table border="1"> <tr> <td>Volume</td> <td>REF</td> </tr> <tr> <td>5 l</td> <td>111TP9923</td> </tr> <tr> <td>25 l</td> <td>111TP5137</td> </tr> </table>			Volume	REF	5 l	111TP9923	25 l	111TP5137
Volume	REF									
5 l	111TP9923									
25 l	111TP5137									

SCREENWASH READY FOR USE

LAVE-GLACE PRÊT À L'EMPLOI - GEBRAUCHSFERTIGER SCHEIBENREINIGER

TOTAL SOURCE®



Antifreeze screenwash

- Temperature resistance: -24 °C
- Contents: 5 l
- Ready to use
- With a specific additive package for the protection of seals and hoses
- Lemon-scented

REF [111TP289](#)



DE-ICER

DÉGIVRANT – ENTEISUNGSSPRAY



High-performance de-icer spray

- Contents: 500 ml
- Suitable for use on windscreens
- Contains antifreeze to prevent refreezing

REF 112TP9924

ADBLUE® AQUEOUS UREA SOLUTION

ADBLUE® SOLUTION D'URÉE AQUEUSE – ADBLUE® WÄSSRIGES UREA SO



High purity NOx reducing agent

- ISO 22 241 (ex DIN 70070)
- Based on ureum and demineralized water
- Contents: 10 l
- For diesel engines equipped with SCR technology
- Helps reducing harmful emissions of nitrogen oxides (NOx) and diesel particles



REF 112TP9888

Do not pour into the fuel tank

RAGS

CHIFFONS – LAPPEN



- Bag of fabric cloths
- Free of buttons, zippers and hard components
- Different qualities, for all activities
- 10 kg

REF 112TP9889

HAND CLEANING WIPES

LINGETTES NETTOYANTES POUR LES MAINS – BOX 40 FEUCHTTÜCHER ABMESSUNGEN



- Wipes in non-woven fabric
- Fast and easy cleaning without water and soap
- With citrus solvent
- Antibacterial additive
- Suitable for removing paint, tar, rust, glue, grease, oil, lubricants etc.
- Tested according to EN 1276 and EN 12504
- Cleaning power: ++++

TOTAL SOURCE®

Stainless steel wall bracket



Can be used for
REF 112TP9891

- REF 112TP9890** – Box 40 wipes (dimensions: 15 x 20 cm)
REF 112TP9891 – Box 100 wipes (dimensions: 27 x 27 cm)

REF 112TP9892



COCO BRUSH WITH HANDLE

BALAI COCO AVEC MANCHE - KOKOSBÜRSTE MIT STIEL



With handle reinforcement

Länge mm	REF
400	112TP9894
500	111TP542
500	111TP543
600	111TP544
600	111TP545
1000	111TP5092

SMALL COCO HANDBRUSH

BALAYETTE COCO - KOKOS-HANDBURSTE



REF [112TP9895](#)

DUSTPAN

PELLE À POUSSIÈRE - SCHAUFEL



REF [112TP9896](#)



REFLECTOR FOR FORKLIFT

CATADIOPTRE POUR CHARIOT ÉLÉVATEUR - RÜCKSTRAHLER FÜR GABELSTAPLER



- Reflectors for forklifts
- Height: 350 mm
- Fixation: triangle support stand
- ECE27 approved/certified

REF [112TP9898](#)

REFLECTING PANEL

PANNEAU RÉFLÉCHISSANT - REFLEKTIERENDES PANEL



- Dimensions (L x W): 423 x 423 mm
- Zinc-plated metal
- German parking panel

REF [112TP9899](#)

REFLECTIVE MARKING KIT

KIT DE SIGNALISATION RÉFLÉCHISSANTE - REFLEKTIERENDES BESCHILDERUNGSSET



- Kit of left and right panel
- Dimensions (L x W): 140 x 705 mm
- DIN 67520
- Self adhesive

REF [112TP9900](#)



SELF-ADHESIVE ANTIKID ROLLS

ROULEAUX ANTIDÉRAPANTS AUTOADHÉSIFS – ROLLE SELBSTKLEBENDES ANTRUTSCHBAND



Black antiskid rolls

Length m	Width mm	REF	
		Black	Black/ yellow
18,3	19	111TP118	
18,3	25	111TP126	
18,3	50	111TP119	111TP127
18,3	100	111TP120	111TP128
18,3	150	111TP121	
18,3	200	111TP122	
18,3	300	111TP123	
18,3	610	111TP124	
18,3	1220	111TP125	



Looking for a piece of antiskid cut to size?
Find the right dimensions via MyProductSearch on
MyTotalSource

ANTISKID SPRAY

SPRAY ANTIDÉRAPANT – ANTRUTCHSPRAY



Transparent antiskid spray

- Coverage: 1,5–2,5 m² per spray can
- Contents: 400 ml

BRAND:
ROCOL

- Can be applied to metal, glass fibre plate, marble and many other bases
- Quick application
- In- and outdoor applications
- Suitable for pedestrian traffic

REF [111TP131](#)

ANTISKID COATING

REVÊTEMENT ANTIDÉRAPANT – RUTSCHHEMMENDE BESCHICHTUNG



- Liquid polyurethane
- Can easily be applied to a range of surfaces
- Kit includes 4 litres of Pro-Tech coating, 2 paint rollers, gloves, abrasive sheet ...
- Rubber granules in the coating provide up to 20% noise reduction

REF [112TP9901](#)



EMERGENCY HAMMER

MARTEAU DE SECOURS – NOOTFALL-HAMMER



- Emergency hammer with seat-belt cutting blade including bracket
- To put inside the cabin
- Tip: hardened metal

REF [111TP819](#)



SAFETY JACKETS

VESTES DE SÉCURITÉ – SICHERHEITSJACKEN



- 100% polyester
- EN ISO 20174
- Class 2 high visibility
- Velcro closure
- Contents: 400 ml

REF [111TP228](#) – M

REF [111TP229](#) – L

REF [111TP230](#) – XL

REF [111TP231](#) – XXL

REF [111TP232](#) – XXXL



DRIVER GLOVES

GANTS POUR OPÉRATEUR – BEDIENERHANDSCHUHE



- Full grain leather glove
- Protection against mechanical risks
- EN 388: 3122A

REF [112TP9902](#) – Size: 8

REF [112TP9903](#) – Size: 9

REF [112TP9904](#) – Size: 10

REF [112TP9905](#) – Size: 11



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