

Bezeichnung: Hydro Fördereinheiten SST0
Description: Hydro Liquid ends SST0

ETL-Nr: 61_05-104_00_81-14
Version: 06

erstellt: BONIN am: 07.08.2000
geändert: BONIN am: 25.08.2006
geprüft: am:

Mitteilungsnummer: 06162

Zugeh.ZNr: 61_05-104_00_49-03

Bemerkung:

*=ohne Abbildung
**=Sonderzubehör (bei Ausf. HV-Standard)
***=Achtung: Beim EX-Einsatz ist M.-Bruchmelder nach NAMUR zu verwenden
=In Pos. 108+109 enthalten
##=In Pos. 109 enthalten
###=nicht für 100bar-Pumpen HP2a FE-022 zugelassen
*=not shown
**=special accessories (type HV-standard)
***=Attention: Diaphr.br.signall.-NAMUR must be used at EX-use
=included in pos. 108+109
##=included in pos. 109
###=nonlicensed by 100bar-pumps HP2a FE-022

Pos.Typ Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
		Hydro Fördereinheiten SST0	Hydro Liquid ends SST0	
001 A ###	1,000	Fördereinheit Hydro/2 -022 SST	Liquid end Hydro/2 -022 SST	1004378
001 B	1,000	Fördereinheit Hydro/2/3 -060 SST	Liquid end Hydro/2/3 -060 SST	1004379
001 C	1,000	Fördereinheit Hydro/3 -150 SST	Liquid end Hydro/3 -150 SST	1004017
001 D	1,000	Fördereinheit Hydro/2/3 HV-060 SST	Liquid end Hydro/2/3 HV-060 SST	1009477
001 E	1,000	Fördereinheit Hydro/3 HV -150 SST	Liquid end Hydro/3 HV -150 SST	1009669
100 A ###	1,000	Dos.K.mon. Hydro 108x42 LK88 SST	Dos.h.ass. Hydro 108x42 hc88 SST	1004376
100 B	1,000	Dos.K.mon. Hydro 108x57 LK88 SST	Dos.h.ass. Hydro 108x57 hc88 SST	1004377
100 C	1,000	Dos.K.mon. Hydro 128x76 LK110 SST	Dos.h.ass. Hydro 128x76 hc110 SST	1004011
100 D	1,000	Dos.K.mon. Hydro HV 108x57/DN15 LK88 SST	Dos.h.ass. Hydro HV 108x57/DN15 hc88 SST	1009476
100 E	1,000	Dos.K.mon.Hydro HV 128x76/DN20 LK110 SST	Dos.h.ass.Hydro HV 128x76/DN20 hc110 SST	1009666
101 A, B ##, ###	2,000	Ventil kpl./100bar DN10 SST	Valve cpl. /100bar DN10 SST	1006475
101 C, D ##	2,000	Ventil kpl./100bar DN15 SST	Valve cpl. /100bar DN15 SST	1006476
101 E ##	2,000	Ventil kpl./100bar DN20 SST	Valve cpl. /100bar DN20 SST	1019810
103 A #	1,000	Dosiermembrane Ersatzzt. kpl. Hydro/2-022	Diaphragm spare part set cpl.Hydro/2-022	1005545
103 B, D #	1,000	Dosiermembrane Ersatzzt.kpl.Hydro/2/3-060	Diaphragm sp. part set cpl.Hydro/2/3-060	1005546
103 C, E #	1,000	Dosiermembrane Ersatzzt. kpl. Hydro/3-150	Diaphragm spare part set cpl.Hydro/3-150	1005547
104 A, B, C, D, E	1,000	Membr.Bruchmeld.kpl.2m KONTAKT Hydro SST	Diaphr.br.sign.cpl. 2m CONTACT Hydro SST	1005835
104 A, B, C, D, E***	1,000	Membr.Bruchmelder kpl.2m NAMUR Hydro SST	Diaphr.br.signall.cpl.2m NAMUR Hydro SST	1004124
108 A ###	1,000	Ersatzteilset Hydro/2 -022 o.Ventil SST	Spare part set Hydro/2 -022w/o valve SST	1005549
108 B	1,000	Ersatzzt.Set Hydro/2/3 -060 o. Ventil SST	Spare p.set Hydro/2/3- 060 w/o valve SST	1005553
108 C	1,000	Ersatzzt.Set Hydro/3 -150 o. Ventil SST	Spare p.set Hydro/3 -150 w/o valve SST	1005557
108 D	1,000	Ersatzzt.Set Hydro/2/3HV -060 o. Ven. SST	Spare p.set Hydro/2/3HV- 060 w/o v.. SST	1019811
108 E	1,000	Ersatzzt.Set Hydro/3HV-150 o. Ventil SST	Spare p.set Hydro/3HV-150 w/o valve SST	1019813
109 A ###	1,000	Ersatzteilset Hydro/2 -022 m.Ventil SST	Spare part set Hydro/2 -022 w.valve SST	1005550
109 B	1,000	Ersatzzt.Set Hydro/2/3 -060 m.Ventil SST	Spare p.set Hydro/2/3 -060 w. valve SST	1005554
109 C	1,000	Ersatzteilset Hydro/3 -150 m.Ventil SST	Spare part set Hydro/3 -150 w.valve SST	1005558

Pos.Type Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
		Hydro Fördereinheiten SST0	Hydro Liquid ends SST0	
109 D	1,000	Ersatzst.Set Hydro/2/3HV-060 m.Ventil SST	Spare p.set Hydro/2/3HV-060 w.valve SST	1019812
109 E	1,000	Ersatzst.Set Hydro/3HV-150 m. Ventil SST	Spare p.set Hydro/3HV-150 w. valve SST	1019824
110 A	1,000	Dosierkopf Hydro 108x42- 3/4 LK88 S	Dosing head Hydro 108x42- 3/4 hc88 S	1004374
110 B	1,000	Dosierkopf Hydro 108x57- 3/4 LK 88 S	Dosing head Hydro 108x57- 3/4 hc 88 S	1004375
110 C	1,000	Dosierkopf Hydro 128x76 LK110 S	Dosing head Hydro 128x76 hc110 S	1004002
110 D	1,000	Dosierkopf Hydro HV 108x57-G1 LK88 S	Dosing head Hydro HV 108x57-G1 hc88 S	1009475
110 E	1,000	Dosierkopf Hydro HV 128x76 G1 1/4 LK110S	Dos.head Hydro HV 128x76 G1 1/4 hc110 S	1009665
111 A, B	2,000	Flansch kpl.DN1/2" DN10 ANSI 1500lbs SS	Flange cpl. DN1/2" DN10 ANSI 1500lbs SS	1006015
111 A, B	2,000	Flansch kpl. 3/4"-DN10 PN100/DIN 2637 SS	Flange cpl. 3/4"-DN10 PN100/DIN 2637 SS	1006005
111 C, D	2,000	Flansch kpl. 1" -DN15 PN 40/DIN 2635 SS	Flange cpl. 1" -DN15 PN 40/DIN 2635 SS	1006006
111 C, D	2,000	Flansch kpl.DN1/2" DN15 ANSI 600lbs SS	Flange cpl. DN1/2" DN15 ANSI 600lbs SS	1006016
113 A, B	2,000	Ventilkörper G 3/4-DN10 S	Valve body G 3/4-DN10 S	104216
113 C, D	2,000	Ventilkörper G 1 -DN15 S	Valve body G 1 -DN15 S	104206
113 E	2,000	Ventilkörper R1 1/4"-DN20-1 S	Valve body R1 1/4"-DN20-1 S	792502
114 A, B	2,000	Kugelsitzsch d16.95/d8.9 Zr02	Ball s. disc d16.95/d8.9 Zr02	1002802
114 C, D	2,000	Kugelsitzscheibe d22/DN15-1 SS	Ball seat disc d22/DN15-1 SS	1005933
114 E	2,000	Kugelsitzscheibe d30/DN20-1 SS	Ball seat disc d30/DN20-1 SS	1009668
115 A, B	2,000	Kugelsitzbüchse M20x1.5 DN10 S	Ball seat bush. M20x1.5 DN10 S	104215
115 C, D	2,000	Kugelsitzbüchse M24 DN15 S	Ball seat bush. M24 DN15 S	104207
115 E	2,000	Kugelsitzbüchse M32x1.5 DN20-1 S	Ball seat bush. M32x1.5 DN20-1 S	792503
116 A, B	2,000	Ventilkugel 11.1 mm Al2 O3	Valve ball 11.1 mm Al2 O3	404277
116 C, D	2,000	Ventilkugel 16.0 mm Al2 O3	Valve ball 16.0 mm Al2 O3	404275
116 E	2,000	Ventilkugel 20.0 mm Al2 O3	Valve ball 20.0 mm Al2 O3	404273
117 A, B	2,000	Ventilfeder d0.5/DA7.6 0,08bar Hast.C276	Valve spring d0.5/DA7.6 0,08barHast.C276	1006796
117 C, D	2,000	Ventilfeder d0.6/DA12.4 0.1bar Hast.C4	Valve spring d0.6/DA12.4 0.1bar Hast.C4	469107
117 E	2,000	Ventilfeder d0.7/DA15.5 0.1bar Hast.C4	Valve spring d0.7/DA15.5 0.1bar Hast.C4	469451
118 A, B	4,000	Scheibe d 23.5/ d 12.1x1.5 PTFE	Disc d 23.5/ d 12.1x1.5 PTFE	792882
118 C, D	4,000	Flachdichtg. d29,5x18x1PTFE schwarz	Gasket d29,5x18x1PTFE black	1018621
118 E	4,000	Flachdichtg. d.38x23x1 DN20 T	Gasket d.38x23x1 DN20 T	483922
120 A, B	2,000	Flachdtg.18.3x9.0x0.5 PTFE schwarz	Gasket 18.3x9.0x0.5 PTFE black	1018623
120 C, D	2,000	Flachdichtung DN15 0,5mm PTFE	Gasket DN15 0,5mm PTFE	483934
120 E	2,000	Flachdtg.29.0x16.0x0.5 DN20 PTFE	Gasket 29.0x16.0x0.5 DN20 PTFE	792505
121 A, B	2,000	Kugelsitzhülle d18/DN10 1.4404	Ball seat cover d18/DN10 1.4404	1020424
122 A, B	2,000	Flachdtg.18.3x15.0x0.8 PTFE schwarz	Gasket 18.3x15.0x0.8 PTFE black	1018622
132 A, B, D	1,000	Druckfeder d1.6/L39 OTEVA 70	Com.spring d1.6/L39 OTEVA 70	1004065
132 C, E	1,000	Druckfeder d1.9/L49,5 OTEVA 70	Com.spring d1.9/L49,5 OTEVA 70	1004066
133 A, B, D	1,000	Federsitz d 14 Hydro 1.4305	spring seat d 14 Hydro 1.4305	1004107
133 C, E	1,000	Federsitz d17,4 Hydro 1.4305	spring seat d17,4 Hydro 1.4305	1004108
134 A, B, C, D, E	1,000	Sicherungsscheibe DIN 6799 5 F.st.	Retaining washer DIN 6799 5 s.st.	1004064
137 A, B, C, D, E	1,000	O-Ring 71.00 - 3.00 NBR	O-ring 71.00 - 3.00 NBR	1004039
155 A, B, C, D, E	1,000	Gehäuse Membr.Bruchmelder Hydro 1.4301	Housing diaphr.br.sign. Hydro 1.4301	1004298
156 A, B, C, D, E	1,000	Linse Membr.Bruchmelder PTFE	Lens diaphr.br.signall. PTFE	792807
157 A, B, C, D, E	1,000	Platte M.Br.Melder KONTAKT Hydro 1.4305	Plate diaphr.br.sign.CONTACT Hydro 1.4305	1004299
158 A, B, C, D, E	1,000	Körper M.-Bruchmeld.KONTAKT Hydro 1.4301	Body diaphr.br.sign.CONTACT Hydro 1.4301	1004297
159 A, B, C, D, E	1,000	Flachdichtung 11,0x6,0x0,5 PTFE	Gasket 11,0x6,0x0,5 PTFE	483920
160 A, B, C, D, E	1,000	Zahnscheibe DIN 6797 A 6.4 F.st.	Tooth lock washer DIN 6797 A 6.4 s.st.	463010
161 A, B, C, D, E	1,000	Dr.Taster 250V/0,3A 1P T LF+Kappe	Press.Key 250V/0,3A 1P T LF+ Cap	792801
162 A, B, C, D, E	1,000	Skintop-Verschrb. M16x1.5 (4.5-10)Ms/vni	Skintop fitting M16x1.5 (4.5-10)Ms/ni.	1005355
163 A, B, C, D, E	1,000	Kabel.kpl.off.End. 2.0m SiBa/Hydro	Cable cpl.w/o plug 2.0m SiBa/Hydro	740126
164 A, B, C, D, E	0,060	Schrumpfschlauch 3.2/ 1.6	Heat-shrinkable sleeve 3.2/ 1.6	723202
165 A, B, C, D, E	1,000	Kabelmarkierer Membr.Bruchmelder	cable marker Diaphr.br.signall.	740330

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		Hydro Fördereinheiten SST0	Hydro Liquid ends SST0	
170 A, B, C, D, E***	1,000	Näherungsschalter NJ 1,5-8 GM-N	Switch NJ 1,5-8 GM-N	710251
171 A, B, C, D, E***	1,000	Federsitz M.Bruchmeld.NAMUR Hydro 1.4301	spring seat d.br.sign.NAMUR Hydro 1.4301	1004127
172 A, B, C, D, E***	1,000	Buchse d13x10 M.Bruchm.NAMUR Hydro1.4301	bush d13x10 d.br.sign.NAMUR Hydro1.4301	1004126
173 A, B, C, D, E***	1,000	Druckfeder d1.0/L11,8 Hastelloy C4	Com.spring d1.0/L11,8 Hastelloy C4	1004067
174 A, B, C, D, E***	1,000	Körper M.-Bruchmelder NAMUR Hydro 1.4301	Body diaphr.br.signal.NAMUR Hydro 1.4301	1004125
175 A, B, C, D, E***	1,000	Paßscheibe DIN 988 17x24x1 St	Shim ring DIN 988 17x24x1 St	467293
200 A	1,000	Dosiermembrane kpl. Hydro d75	Diaphragm cpl. Hydro d75	1003979
200 B, D	1,000	Dosiermembrane kpl. Hydro d101	Diaphragm cpl. Hydro d101	1003980
200 C, E	1,000	Dosiermembrane kpl. Hydro d123	Diaphragm cpl. Hydro d123	1003981
201 A	1,000	Membranhalteplatte Hydro 108x42 1.4301	Latch plate f.diaph.Hydro 108x42 1.4301	1004004
201 B, D	1,000	Membranhalteplatte Hydro 108x57 1.4301	Latch plate f.diaph. Hydro 108x57 1.4301	1004005
201 C, E	1,000	Membranhalteplatte Hydro 128x76 1.4301	Latch plate f.diaph. Hydro 128x76 1.4301	1004006
202 A, B	6,000	Sechsk.Schrb. DIN 931 M 8x 80 A4-70	Hexagon screw DIN 931 M 8x 80 A4-70	740452
202 A-E, "API"	6,000	Gewindebolzen HP2 M8x85 A2/80	bolt HP2 M8x85 A2/80	1024753
202 C	6,000	Sechsk.Schrb. DIN 931 M 8x 90 A2-70	Hexagon screw DIN 931 M 8x 90 A2-70	1005750
202 D	6,000	Sechsk.Schrb. DIN 931 M 8x 85 A4-70	Hexagon screw DIN 931 M 8x 85 A4-70	1005578
202 E	6,000	Sechsk.Schrb. DIN 931 M 8x100 A4	Hexagon screw DIN 931 M 8x100 A4	468171
205 A, B, C, D, E	6,000	Federring DIN 127 B 8 A4	Spring washer DIN 127 B 8 A4	1005577
206 A	6,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
210 A-E, "API"	6,000	Hutmutter DIN 1587 M 8 A2	Cap nut DIN 1587 M 8 A2	1007811

Bezeichnung: Hydro Fördereinheiten SSTD
Description: Hydro Liquid ends SSTD

ETL-Nr: 61_05-104_00_82-14
Version: 03

erstellt: BONIN am: 07.08.2000
geändert: BONIN am: 09.08.2006
geprüft: ARNOLD am:

Mitteilungsnummer: 06162

Zugeh.ZNr: 61_05-104_00_48-03

Bemerkung:

*=ohne Abbildung
**=Sonderzubehör
***=Achtung: Beim EX-Einsatz ist M.-Bruchmelder nach NAMUR zu verwenden
=In Pos. 108 enthalten
##=nur im Druckventil der 100 bar-Pumpen FE-022
*=not shown
**=special accessories
***=Attention: Diaphr.br.signall.-NAMUR must be used at EX-use
=included in pos. 108
=only in the pressure valve of the 100 bar-pumps FE-022

Pos.Type	Anz.	Artikel	Description	Best.Nr.
Pos.Type	No.of			Code No.
		Hydro Fördereinheiten SSTD	Hydro Liquid ends SSTD	
001 A	1,000	FördereinH.Hydro/2-022 Doppelkug.1/4 SST	Liq.end Hydro/2-022 double ball 1/4 SST	1029259
001 B	1,000	Förder.E.Hydro/2/3 -060Doppelkug.3/8 SST	Liq.end Hydro/2/3-060double ball 3/8 SST	1004015
100 A	1,000	Dos.K.mon.Hydro108x42-Doppelkug. 1/4 SST	Dos.h.ass.Hydro108x42-double b. 1/4 SST	1029258
100 B	1,000	Dos.K.mon.Hydro108x57-Doppelkug. 3/8 SST	Dos.h.ass.Hydro108x57-double b. 3/8 SST	1004009
101 A	1,000	Saugv. kpl. RP 1/4 S	Suct.v. cpl. RP 1/4 S	803792
101 A	1,000	Druckv. kpl. RP 1/4 S	Disch.v.cpl. RP 1/4 S	803793
101 B	1,000	Druckv. kpl. RP 3/8 S	Disch.v.cpl. RP 3/8 S	803795
101 B	1,000	Saugv. kpl. RP 3/8 S	Suct.v. cpl. RP 3/8 S	803794
103 A	#	Dosiermembrane Ersatzzt. kpl. Hydro/2-022	Diaphragm spare part set cpl.Hydro/2-022	1005545
103 B	#	Dosiermembrane Ersatzzt.kpl.Hydro/2/3-060	Diaphragm sp. part set cpl.Hydro/2/3-060	1005546
104 A, B	1,000	Membr.Bruchmeld.kpl.2m KONTAKT Hydro SST	Diaphr.br.sign.cpl. 2m CONTACT Hydro SST	1005835
104 A, B	***	Membr.Bruchmelder kpl.2m NAMUR Hydro SST	Diaphr.br.signall.cpl.2m NAMUR Hydro SST	1004124
108 A	1,000	Ersatzzt.Set Hydro/2-022Doppelkug.1/4 SST	Spare p.set Hydro/2-022 double b.1/4 SST	1029260
108 B	1,000	Ers.T.S. Hydro/2/3-060 Doppelkug.3/8 SST	Spare p.set Hydro/2/3-060double b.3/8SST	1005555
110 A	1,000	Dosierkopf Hydro 108x42-M30x1,5 LK88 S	Dosing head Hydro 108x42-M30x1,5 hc88 S	1003998
110 B	1,000	Dosierkopf Hydro 108x57-M30x1,5 LK 88 S	Dosing head Hydro 108x57-M30x1,5 hc 88 S	1004000
113 A	2,000	Ventilkörper RP 1/4 S	Valve body RP 1/4 S	803773
113 B	2,000	Ventilkörper RP 3/8 S	Valve body RP 3/8 S	803776
114 A	#	Kugelsitz 9,2 S Meta LH	Ball seat 9,2 S Meta LH	803774
114 B	#	Kugelsitz 11 S Meta LH	Ball seat 11 S Meta LH	803777
115 A	4,000	Ventilbüchse 9,2 S Meta LH	Valve bushing 9,2 S Meta LH	803775
115 B	4,000	Ventilbüchse 11 S Meta LH	Valve bushing 11 S Meta LH	803778
116 A	#	Ventilkugel 9.2 mm Al2 03	Valve ball 9.2 mm Al2 03	404281
116 B	#	Ventilkugel 11.1 mm Al2 03	Valve ball 11.1 mm Al2 03	404277
117 A	###	Ventilfeder d0.4/DA 7.8 0.1bar 1.4571	Valve spring d0.4/DA 7.8 0.1bar 1.4571	469461
118 A, B	2,000	Einlegescheibe d.27.8 S	Insert washer d.27.8 S	1005097
119 A, B	#	Flachdichtg.d.27,5xd.16x1.0 PTFE	Gasket d.27,5xd.16x1.0 PTFE	1005096
120 A, B	#	Flachdtg. 21.5x15x1 PTFE	Gasket 21.5x15x1 PTFE	483909

Pos.Type	Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
			Hydro Fördereinheiten SSTD	Hydro Liquid ends SSTD	
132 A, B		1,000	Druckfeder d1.6/L39 OTEVA 70	Com.spring d1.6/L39 OTEVA 70	1004065
133 A, B		1,000	Federsitz d 14 Hydro 1.4305	spring seat d 14 Hydro 1.4305	1004107
134 A, B		1,000	Sicherungsscheibe DIN 6799 5 F.st.	Retaining washer DIN 6799 5 s.st.	1004064
137 A, B		1,000	O-Ring 71.00 - 3.00 NBR	O-ring 71.00 - 3.00 NBR	1004039
155 A, B		1,000	Gehäuse Membr.Bruchmelder Hydro 1.4301	Housing diaphr.br.sign. Hydro 1.4301	1004298
156 A, B		1,000	Linse Membr.Bruchmelder PTFE	Lens diaphr.br.signall. PTFE	792807
157 A, B		1,000	Platte M.Br.Melder KONTAKT Hydro 1.4305	Plate diaph.br.sign.CONTACT Hydro 1.4305	1004299
158 A, B		1,000	Körper M.-Bruchmeld.KONTAKT Hydro 1.4301	Body diaphr.br.sign.CONTACT Hydro 1.4301	1004297
159 A, B		1,000	Flachdichtung 11,0x6,0x0,5 PTFE	Gasket 11,0x6,0x0,5 PTFE	483920
160 A, B		1,000	Zahnscheibe DIN 6797 A 6.4 F.st.	Tooth lock washer DIN 6797 A 6.4 s.st.	463010
161 A, B		1,000	Dr.Taster 250V/0,3A 1P T LF+Kappe	Press.Key 250V/0,3A 1P T LF+ Cap	792801
162 A, B		1,000	Skintop-Verschrb. M16x1.5 (4.5-10)Ms/vni	Skintop fitting M16x1.5 (4.5-10)Ms/ni.	1005355
163 A, B		1,000	Kabel.kpl.off.End. 2.0m SIBa/Hydro	Cable cpl.w/o plug 2.0m SIBa/Hydro	740126
164 A, B		0,060	Schrumpfschlauch 3.2/ 1.6	Heat-shrinkable sleeve 3.2/ 1.6	723202
165 A, B		1,000	Kabelmarkierer Membr.Bruchmelder	cable marker Diaphr.br.signall.	740330
170 A, B	***	1,000	Näherungsschalter NJ 1,5-8 GM-N	Switch NJ 1,5-8 GM-N	710251
171 A, B	***	1,000	Federsitz M.Bruchmeld.NAMUR Hydro 1.4301	spring seat d.br.sign.NAMUR Hydro 1.4301	1004127
172 A, B	***	1,000	Buchse d13x10 M.Bruchm.NAMUR Hydro1.4301	bush d13x10 d.br.sign.NAMUR Hydro1.4301	1004126
173 A, B	***	1,000	Druckfeder d1.0/L11,8 Hastelloy C4	Com.spring d1.0/L11,8 Hastelloy C4	1004067
174 A, B	***	1,000	Körper M.-Bruchmelder NAMUR Hydro 1.4301	Body diaphr.br.signal.NAMUR Hydro 1.4301	1004125
175 A, B	***	1,000	Paßscheibe DIN 988 17x24x1 St	Shim ring DIN 988 17x24x1 St	467293
200 A		1,000	Dosiermembrane kpl. Hydro d75	Diaphragm cpl. Hydro d75	1003979
200 B		1,000	Dosiermembrane kpl. Hydro d101	Diaphragm cpl. Hydro d101	1003980
201 A		1,000	Membranhalteplatte Hydro 108x42 1.4301	Latch plate f.diaph.Hydro 108x42 1.4301	1004004
201 B		1,000	Membranhalteplatte Hydro 108x57 1.4301	Latch plate f.diaph. Hydro 108x57 1.4301	1004005
202 A, B		6,000	Sechsk.Schrb. DIN 931 M 8x 85 A4-70	Hexagon screw DIN 931 M 8x 85 A4-70	1005578
202 A-E, "API"		6,000	Gewindebolzen HP2 M8x85 A2/80	bolt HP2 M8x85 A2/80	1024753
205 A, B		6,000	Federring DIN 127 B 8 A4	Spring washer DIN 127 B 8 A4	1005577
206 A	*	6,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
210 A-E, "API"		6,000	Hutmutter DIN 1587 M 8 A2	Cap nut DIN 1587 M 8 A2	1007811

Bezeichnung: Hydro Fördereinheiten PVT
Description: Hydro Liquid ends PVT

ETL-Nr: 61_05-104_00_83-14
Version: 03

erstellt: BONIN am: 07.08.2000
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geprüft: ARNOLD am: 18.09.2000

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Zugeh.ZNr: 61_05-104_00_50-03

Bemerkung:

*=ohne Abbildung
**=Sonderzubehör
***=Achtung: Beim EX-Einsatz ist M.-Bruchmelder nach NAMUR zu verwenden
=In Pos. 109 enthalten
*=not shown
**=special accessories
***=Attention: Diaphr.br.signall.-NAMUR must be used at EX-use
=included in pos. 109

Pos.Type	Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
			Hydro Fördereinheiten PVT	Hydro Liquid ends PVT	
001 A		1,000	Fördereinheit Hydro/2 -022 PVT	Liquid end Hydro/2 -022 PVT	1004014
001 B		1,000	Fördereinheit Hydro/2/3 -060 PVT	Liquid end Hydro/2/3 -060 PVT	1004016
001 C		1,000	Fördereinheit Hydro/3 -150 PVT	Liquid end Hydro/3 -150 PVT	1004018
100 A		1,000	Dos.K.mon. Hydro 108x42 LK88 PVT	Dos.h.ass. Hydro 108x42 hc88 PVT	1004008
100 B		1,000	Dos.K.mon. Hydro 108x57 LK88 PVT	Dos.h.ass. Hydro 108x57 hc88 PVT	1004010
100 C		1,000	Dos.K.mon. Hydro 128x76 LK110 PVT	Dos.h.ass. Hydro 128x76 hc110 PVT	1004012
101 A, B	##	2,000	Ventil kpl. DN10 PVT	Valve cpl. DN10 PVT	1002267
101 C	#	2,000	Ventil kpl. DN15 PVT	Valve cpl. DN15 PVT	792517
103 A	#, *	1,000	Dosierm.PTFE/Hast Ers.T. kpl.Hydro/2-022	Diaph.PTFE/Hast sp.p.set cpl.Hydro/2-022	1006481
103 B	#, *	1,000	Dosierm.PTFE/Has Ers.T.kpl.Hydro/2/3-060	Diaph.PTFE/Hast sp.set cpl.Hydro/2/3-060	1006482
103 C	#, *	1,000	Dosierm.PTFE/Hast Ers.T. kpl.Hydro/3-150	Diaph.PTFE/Hast sp.p.set cpl.Hydro/3-150	1006483
104 A, B, C		1,000	Membr.Bruchmeld.kpl.2m KONTAKT Hydro PVT	Diaphr.br.sign.cpl. 2m CONTACT Hydro PVT	1005888
104 A, B, C	***	1,000	Membr.Bruchmelder kpl.2m NAMUR Hydro PVT	Diaphr.br.signall.cpl.2m NAMUR Hydro PVT	1005887
109 A		1,000	Ersatzteilset Hydro/2 -022 PVT	Spare part set Hydro/2 -022 PVT	1005548
109 B		1,000	Ersatzteilset Hydro/2/3 -060 PVT	Spare part set Hydro/2/3 -060 PVT	1005552
109 C		1,000	Ersatzteilset Hydro/3 - 150 PVT	Spare part set Hydro/3 - 150 PVT	1005556
110 A		1,000	Dosierkopf Hydro 108x42 LK88 PVDF	Dosing head Hydro 108x42 hc88 PVDF	1003999
110 B		1,000	Dosierkopf Hydro 108x57 LK 88 PVDF	Dosing head Hydro 108x57 hc 88 PVDF	1004001
110 C		1,000	Dosierkopf Hydro 128x76 LK110 PVDF	Dosing head Hydro 128x76 hc110 PVDF	1004003
113 A, B		2,000	Ventilkörper G 3/4"DN10 PVDF	Valve body G 3/4-DN10 PVDF	1002268
113 C		2,000	Ventilkörper G1 A -DN15 PVDF	Valve body G1 A -DN15 PVDF	792501
114 A, B	#	2,000	Kugelsitzscheibe d18/DN10-1 PTFE	Ball seat disc d18/DN10-1 PTFE	740063
114 C	#	2,000	Scheibe d 24 / DN 15 PTFE	Disc d 24 / DN 15 PTFE	740613
115 A, B	#	2,000	Kugelsitzbüchse M20x1.5 DN10 PVDF	Ball seat bush. M20x1.5 DN10 PVDF	1002269
115 C	#	2,000	Kug.sitzbüchse M26x1.5 DN15 PVDF	Ball seat bush.M26x1.5 DN15 PVDF	792454
116 A, B	#	2,000	Ventilkugel 11.1 mm Al2 03	Valve ball 11.1 mm Al2 03	404277
116 C	#	2,000	Ventilkugel 17.0 mm Al2 03	Valve ball 17.0 mm Al2 03	740614
117 A, B	**	2,000	Ventilfeder d0.5/DA7.6 0,08bar Hast.C276	Valve spring d0.5/DA7.6 0,08barHast.C276	1006796
117 C	**	2,000	Ventilfeder d0.6/DA12.4 0.1bar Hast.C4	Valve spring d0.6/DA12.4 0.1bar Hast.C4	469107
118 A, B	#	4,000	Formverbunddichtung DN10	Moulding gasket DN10	1019364

Pos.Type	Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
			Hydro Fördereinheiten PVT	Hydro Liquid ends PVT	
118 C	#	4,000	Formverbunddichtung DN15	Moulding gasket DN15	1019365
132 A, B		1,000	Druckfeder d1.6/L39 OTEVA 70	Com.spring d1.6/L39 OTEVA 70	1004065
132 C		1,000	Druckfeder d1.9/L49,5 OTEVA 70	Com.spring d1.9/L49,5 OTEVA 70	1004066
133 A, B		1,000	Federsitz d 14 Hydro 1.4305	spring seat d 14 Hydro 1.4305	1004107
133 C		1,000	Federsitz d17,4 Hydro 1.4305	spring seat d17,4 Hydro 1.4305	1004108
134 A, B, C		1,000	Sicherungsscheibe DIN 6799 5 F.st.	Retaining washer DIN 6799 5 s.st.	1004064
137 A, B, C		1,000	O-Ring 71.00 - 3.00 NBR	O-ring 71.00 - 3.00 NBR	1004039
155 A, B, C		1,000	Gehäuse Membr.Bruchmelder Hydro PVDF	Housing diaphr.br.signall. Hydro PVDF	1005889
156 A, B, C		1,000	Linse Membr.Bruchmelder PTFE	Lens diaphr.br.signall. PTFE	792807
157 A, B, C		1,000	Platte M.Br.Melder KONTAKT Hydro 1.4305	Plate diaphr.br.sign.CONTACT Hydro 1.4305	1004299
158 A, B, C		1,000	Körper M.-Bruchmeld.KONTAKT Hydro 1.4301	Body diaphr.br.sign.CONTACT Hydro 1.4301	1004297
159 A, B, C		1,000	Flachdichtung 11,0x6,0x0,5 PTFE	Gasket 11,0x6,0x0,5 PTFE	483920
160 A, B, C		1,000	Zahnscheibe DIN 6797 A 6.4 F.st.	Tooth lock washer DIN 6797 A 6.4 s.st.	463010
161 A, B, C		1,000	Dr.Taster 250V/0,3A 1P T LF+Kappe	Press.Key 250V/0,3A 1P T LF+ Cap	792801
162 A, B, C		1,000	Skintop-Verschrb. M16x1.5 (4.5-10)Ms/vni	Skintop fitting M16x1.5 (4.5-10)Ms/vni	1005355
163 A, B, C		1,000	Kabel.kpl.off.End. 2.0m SIBa/Hydro	Cable cpl.w/o plug 2.0m SIBa/Hydro	740126
164 A, B, C		0,060	Schrumpfschlauch 3.2/ 1.6	Heat-shrinkable sleeve 3.2/ 1.6	723202
165 A, B, C		1,000	Kabelmarkierer Membr.Bruchmelder	cable marker Diaphr.br.signall.	740330
170 A, B, C	***	1,000	Näherungsschalter NJ 1,5-8 GM-N	Switch NJ 1,5-8 GM-N	710251
171 A, B, C	***	1,000	Federsitz M.Bruchmeld.NAMUR Hydro 1.4301	spring seat d.br.sign.NAMUR Hydro 1.4301	1004127
172 A, B, C	***	1,000	Buchse d13x10 M.Bruchm.NAMUR Hydro1.4301	bush d13x10 d.br.sign.NAMUR Hydro1.4301	1004126
173 A, B, C	***	1,000	Druckfeder d1.0/L11,8 Hastelloy C4	Com.spring d1.0/L11,8 Hastelloy C4	1004067
174 A, B, C	***	1,000	Körper M.-Bruchmelder NAMUR Hydro 1.4301	Body diaphr.br.signal.NAMUR Hydro 1.4301	1004125
175 A, B, C	***	1,000	Paßscheibe DIN 988 17x24x1 St	Shim ring DIN 988 17x24x1 St	467293
200 A		1,000	Dosiermembrane kpl. Hydro d75 PTFE/Hast	Diaphragm cpl. Hydro d75 PTFE/Hast	1006304
200 B		1,000	Dosiermembrane kpl. Hydro d101 PTFE/Hast	Diaphragm cpl. Hydro d101 PTFE/Hast	1006305
200 C		1,000	Dosiermembrane kpl. Hydro d123 PTFE/Hast	Diaphragm cpl. Hydro d123 PTFE/Hast	1006306
201 A		1,000	Membranhalteplatte Hydro 108x42 1.4301	Latch plate f.diaph.Hydro 108x42 1.4301	1004004
201 B		1,000	Membranhalteplatte Hydro 108x57 1.4301	Latch plate f.diaph. Hydro 108x57 1.4301	1004005
201 C		1,000	Membranhalteplatte Hydro 128x76 1.4301	Latch plate f.diaph. Hydro 128x76 1.4301	1004006
202 A, B		6,000	Sechsk.Schrb. DIN 931 M 8x 80 A4-70	Hexagon screw DIN 931 M 8x 80 A4-70	740452
202 C		6,000	Sechsk.Schrb. DIN 931 M 8x 90 A2-70	Hexagon screw DIN 931 M 8x 90 A2-70	1005750
205 A, B, C		6,000	Federring DIN 127 B 8 A4	Spring washer DIN 127 B 8 A4	1005577
207 A, B		1,000	Panzerscheibe d108 RAL2003 1.4301	Reinf. plate d108 RAL2003 1.4301	1004068
207 C		1,000	Panzerscheibe d128 RAL2003 1.4301	Reinf. plate d128 RAL2003 1.4301	1004069

Bezeichnung: Hydro Fördereinheiten HCT ETL-Nr: 61_05-104_00_88-14
 Description: Hydro Liquid ends HCT Version: 01

erstellt: BONIN am: 15.07.2002
 geändert: BUBB am: 15.07.2002
 geprüft: BUBB am: 16.07.2002

Mitteilungsnummer: 01057

Zugeh.ZNr: 61_05-104_00_87-03

Bemerkung:

*=ohne Abbildung
 **=Sonderzubehör
 ***=Achtung: Beim EX-Einsatz ist M.-Bruchmelder nach NAMUR zu verwenden
 # =In Pos. 108+109 enthalten
 ##=In Pos. 109 enthalten
 *=not shown
 **=special accessories
 ***=Attention: Diaphr.br.signall.-NAMUR must be used at EX-use
 # =included in pos. 108+109
 ##=included in pos. 109

Pos.Type	Anz.	Artikel	Description	Best.Nr.
Pos.Type	No.of			Code No.
		Hydro Fördereinheiten HCT	Hydro Liquid ends HCT	
001 A	1,000	Fördereinheit Hydro/2 -022 HCT	Liquid end Hydro/2 -022 HCT	1009564
001 B	1,000	Fördereinheit Hydro/2/3 -060 HCT	Liquid end Hydro/2/3 -060 HCT	1009565
001 C	1,000	Fördereinheit Hydro/3 -150 HCT	Liquid end Hydro/3 -150 HCT	1009566
100 A	1,000	Dos.K.mon. Hydro 108x42 LK88 HCT	Dos.h.ass. Hydro 108x42 hc88 HCT	1009563
100 B	1,000	Dos.K.mon. Hydro 108x57 LK88 HCT	Dos.h.ass. Hydro 108x57 hc88 HCT	1009562
100 C	1,000	Dos.K.mon. Hydro 128x76 LK110 HCT	Dos.h.ass. Hydro 128x76 hc110 HCT	1009561
101 A, B	2,000	Ventil kpl./100bar DN10 HCT	Valve cpl. /100bar DN10 HCT	1009567
101 C	2,000	Ventil kpl./100bar DN15 HCT	Valve cpl. /100bar DN15 HCT	1009568
103 A	1,000	Dosierm.PTFE/Hast Ers.T. kpl.Hydro/2-022	Diaph.PTFE/Hast sp.p.set cpl.Hydro/2-022	1006481
103 B	1,000	Dosierm.PTFE/Has Ers.T.kpl.Hydro/2/3-060	Diaph.PTFE/Hast sp.set cpl.Hydro/2/3-060	1006482
103 C	1,000	Dosierm.PTFE/Hast Ers.T. kpl.Hydro/3-150	Diaph.PTFE/Hast sp.p.set cpl.Hydro/3-150	1006483
104 A, B, C	1,000	Membr.Bruchmeld.kpl.2m KONTAKT Hydro SST	Diaphr.br.sign.cpl. 2m CONTACT Hydro SST	1005835
104 A, B, C	1,000	Membr.Bruchmelder kpl.2m NAMUR Hydro SST	Diaphr.br.signall.cpl.2m NAMUR Hydro SST	1004124
108 A	1,000	Ersatzteilset Hydro/2 -022 o.Ventil HCT	Spare part set Hydro/2 -022w/o valve HCT	1009571
108 B	1,000	Ersatzteilset Hydro/2/3 -060 o. Ventil HCT	Spare p.set Hydro/2/3- 060 w/o valve HCT	1009573
108 C	1,000	Ersatzteilset Hydro/3 -150 o. Ventil HCT	Spare p.set Hydro/3 -150 w/o valve HCT	1009575
109 A	1,000	Ersatzteilset Hydro/2 -022 m.Ventil HCT	Spare part set Hydro/2 -022 w.valve HCT	1009572
109 B	1,000	Ersatzteilset Hydro/2/3 -060 m.Ventil HCT	Spare p.set Hydro/2/3 -060 w. valve HCT	1009574
109 C	1,000	Ersatzteilset Hydro/3 -150 m.Ventil HCT	Spare part set Hydro/3 -150 w.valve HCT	1009576
110 A	1,000	Dosierkopf Hydro 108x42- 3/4 LK88 HC	Dosing head Hydro 108x42- 3/4 hc88 HC	1009560
110 B	1,000	Dosierkopf Hydro 108x57- 3/4 LK 88 HC	Dosing head Hydro 108x57- 3/4 hc 88 HC	1009559
110 C	1,000	Dosierkopf Hydro 128x76 LK110 HC	Dosing head Hydro 128x76 hc110 HC	1009558
113 A, B	2,000	Ventilkörper G 3/4-DN10 HC	Valve body G 3/4-DN10 HC	1009580
113 C	2,000	Ventilkörper G 1 -DN15 HC	Valve body G 1 -DN15 HC	1009581
114 A, B	2,000	Ventileinsatz DN 10 HC	Valve insert DN 10 HC	1009656
114 C	2,000	Ventileinsatz DN 15 HC	Valve insert DN 15 HC	1009657
115 A, B	2,000	Kugelsitzbüchse M20x1.5 DN10 HC	Ball seat bush. M20x1.5 DN10 HC	1009582
115 C	2,000	Kugelsitzbüchse M24x1.5 DN15 HC	Ball seat bush. M24x1.5 DN15 HC	1009583

Pos.Type	Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
			Hydro Fördereinheiten HCT	Hydro Liquid ends HCT	
116 A, B	#	2,000	Ventilkugel 11.1 mm Al2 O3	Valve ball 11.1 mm Al2 O3	404277
116 C, D	#	2,000	Ventilkugel 16.0 mm Al2 O3	Valve ball 16.0 mm Al2 O3	404275
117 A, B	**	2,000	Ventilfeder d0.5/DA7.6 0,08bar Hast.C276	Valve spring d0.5/DA7.6 0,08barHast.C276	1006796
117 C	**	2,000	Ventilfeder d0.6/DA12.4 0.1bar Hast.C4	Valve spring d0.6/DA12.4 0.1bar Hast.C4	469107
118 A, B	#	4,000	Scheibe d 23.5/ d 12.1x1.5 PTFE	Disc d 23.5/ d 12.1x1.5 PTFE	792882
118 C	#	4,000	Flachdichtg. d29,5xd18x1PTFE schwarz	Gasket d29,5x18x1PTFE black	1018621
120 A, B	#	2,000	Flachdgt.18.3x15.0x0.8 PTFE schwarz	Gasket 18.3x15.0x0.8 PTFE black	1018622
120 C	#	2,000	Flachdgt. 22.2x 16.0x0.5 DN15 PTFE	Gasket 22.2x 16.0x0.5 DN15 PTFE	1009682
132 A, B		1,000	Druckfeder d1.6/L39 OTEVA 70	Com.spring d1.6/L39 OTEVA 70	1004065
132 C		1,000	Druckfeder d1.9/L49,5 OTEVA 70	Com.spring d1.9/L49,5 OTEVA 70	1004066
133 A, B		1,000	Federsitz d 14 Hydro 1.4305	spring seat d 14 Hydro 1.4305	1004107
133 C		1,000	Federsitz d17,4 Hydro 1.4305	spring seat d17,4 Hydro 1.4305	1004108
134 A, B, C		1,000	Sicherungsscheibe DIN 6799 5 F.st.	Retaining washer DIN 6799 5 s.st.	1004064
137 A, B, C		1,000	O-Ring 71.00 - 3.00 NBR	O-ring 71.00 - 3.00 NBR	1004039
155 A, B, C		1,000	Gehäuse Membr.Bruchmelder Hydro 1.4301	Housing diaphr.br.sign. Hydro 1.4301	1004298
156 A, B, C		1,000	Linse Membr.Bruchmelder PTFE	Lens diaphr.br.signall. PTFE	792807
157 A, B, C		1,000	Platte M.Br.Melder KONTAKT Hydro 1.4305	Plate diaphr.br.sign.CONTACT Hydro 1.4305	1004299
158 A, B, C		1,000	Körper M.-Bruchmeld.KONTAKT Hydro 1.4301	Body diaphr.br.sign.CONTACT Hydro 1.4301	1004297
159 A, B, C		1,000	Flachdichtung 11,0x6,0x0,5 PTFE	Gasket 11,0x6,0x0,5 PTFE	483920
160 A, B, C		1,000	Zahnscheibe DIN 6797 A 6.4 F.st.	Tooth lock washer DIN 6797 A 6.4 s.st.	463010
161 A, B, C		1,000	Dr.Taster 250V/0,3A 1P T LF+Kappe	Press.Key 250V/0,3A 1P T LF+ Cap	792801
162 A, B, C		1,000	Skintop-Verschrb. M16x1.5 (4.5-10)Ms/vni	Skintop fitting M16x1.5 (4.5-10)Ms/vni.	1005355
163 A, B, C		1,000	Kabel.kpl.off.End. 2.0m SIBa/Hydro	Cable cpl.w/o plug 2.0m SIBa/Hydro	740126
164 A, B, C		0,060	Schrumpfschlauch 3.2/ 1.6	Heat-shrinkable sleeve 3.2/ 1.6	723202
165 A, B, C		1,000	Kabelmarkierer Membr.Bruchmelder	cable marker Diaphr.br.signall.	740330
170 A, B, C	***	1,000	Näherungsschalter NJ 1,5-8 GM-N	Switch NJ 1,5-8 GM-N	710251
171 A, B, C	***	1,000	Federsitz M.Bruchmeld.NAMUR Hydro 1.4301	spring seat d.br.sign.NAMUR Hydro 1.4301	1004127
172 A, B, C	***	1,000	Buchse d13x10 M.Bruchm.NAMUR Hydro1.4301	bush d13x10 d.br.sign.NAMUR Hydro1.4301	1004126
173 A, B, C	***	1,000	Druckfeder d1.0/L11,8 Hastelloy C4	Com.spring d1.0/L11,8 Hastelloy C4	1004067
174 A, B, C	***	1,000	Körper M.-Bruchmelder NAMUR Hydro 1.4301	Body diaphr.br.signal.NAMUR Hydro 1.4301	1004125
175 A, B, C	***	1,000	Paßscheibe DIN 988 17x24x1 St	Shim ring DIN 988 17x24x1 St	467293
200 A		1,000	Dosiermembrane kpl. Hydro d75 PTFE/Hast	Diaphragm cpl. Hydro d75 PTFE/Hast	1006304
200 B		1,000	Dosiermembrane kpl. Hydro d101 PTFE/Hast	Diaphragm cpl. Hydro d101 PTFE/Hast	1006305
200 C		1,000	Dosiermembrane kpl. Hydro d123 PTFE/Hast	Diaphragm cpl. Hydro d123 PTFE/Hast	1006306
201 A		1,000	Membranhalteplatte Hydro 108x42 1.4301	Latch plate f.diaph.Hydro 108x42 1.4301	1004004
201 B		1,000	Membranhalteplatte Hydro 108x57 1.4301	Latch plate f.diaph. Hydro 108x57 1.4301	1004005
201 C		1,000	Membranhalteplatte Hydro 128x76 1.4301	Latch plate f.diaph. Hydro 128x76 1.4301	1004006
202 A, B		6,000	Sechsk.Schrb. DIN 931 M 8x 80 A4-70	Hexagon screw DIN 931 M 8x 80 A4-70	740452
202 C		6,000	Sechsk.Schrb. DIN 931 M 8x 90 A2-70	Hexagon screw DIN 931 M 8x 90 A2-70	1005750
205 A, B, C		6,000	Federring DIN 127 B 8 A4	Spring washer DIN 127 B 8 A4	1005577
206 A	*	6,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220

Bezeichnung: Hydro Hauptantrieb Anbau vorb.
Description: Hydro m.-drive unit prep. add-on

ETL-Nr: 61_02-104_00_13-14
Version: 08

erstellt: BONIN am: 30.11.2000
geändert: ARNOLD am: 03.03.2006
geprüft: ARNOLD am: 03.03.2006

Mitteilungsnummer: 03143

Zugeh.ZNr: 61_02-104_00_09-03
61_02-104_00_01-03
61_02-104_00_03-03
61_02-104_00_04-03

Bemerkung:

A= 064022
B= 064018
C= 064015
D= 064007
E= 025060
F= 025048
G= 025040
H= 025019
I= 064025
K= 025068
L= 100010
M= 100009
N= 100007
O= 100006
P= 100003
= in Pos. 3 enthalten
= in Pos. 4 enthalten
= in Pos. 74 enthalten
#D = in Pos.100 enthalten
#A = in Pos.101 enthalten
= included in pos. 3
= included in pos. 4
= included in pos. 74
#D = included in pos.100
#A = included in pos.101

Pos.Type	Anz.	Artikel	Description	Best.Nr.
Pos.Type	No.of			Code No.
Hydro Hauptantrieb Anbau vorb.			Hydro m.-drive unit prep. add-on	
002 A-P	1,000	Guss-Gehäuse Fertigteil-Anbau HP2	Cast-housing finished part-add on HP2	1006644
003 A, E, M	1,000	Exzenterwelle kpl. 8:1 Haupt HP2	eccentric shaft cpl. 8:1 main HP2	1007214
003 B, F, N	1,000	Exzenterwelle kpl. 10:1 Haupt HP2	eccentric shaft cpl. 10:1 main HP2	1007215
003 C, G, O	1,000	Exzenterwelle kpl. 12:1 Haupt HP2	eccentric shaft cpl. 12:1 main HP2	1007216
003 D, H, P	1,000	Exzenterwelle kpl. 25:1 Haupt HP2	eccentric shaft cpl. 25:1 main HP2	1007217
003 I, L, K	1,000	Exzenterwelle kpl. 7:1 Haupt HP2	eccentric shaft cpl. 7:1 main HP2	1022824
004 A, E, M	1,000	Schneckenwelle kpl. 8:1 Hydro HP2	worm shaft cpl. 8:1 Hydro HP2	1005652
004 B, F, N	1,000	Schneckenwelle kpl. 10:1 Hydro HP2	worm shaft cpl. 10:1 Hydro HP2	1005653
004 C, G, O	1,000	Schneckenwelle kpl. 12:1 Hydro HP2	worm shaft cpl. 12:1 Hydro HP2	1005654
004 D, H, P	1,000	Schneckenwelle kpl. 25:1 Hydro HP2	worm shaft cpl. 25:1 Hydro HP2	1005655

Pos.Type Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
		Hydro Hauptantrieb Anbau vorb.	Hydro m.-drive unit prep. add-on	
004 I, K, L	1,000	Schneckenwelle kpl. 7:1 Hydro HP2	worm shaft cpl. 7:1 Hydro HP2	1022822
005 A, E, M #	1,000	Schneckenrad I=1:8 HP2	Worm wheel I=1:8 HP2	1003534
005 B, F, N #	1,000	Schneckenrad I=1:10 HP2	Worm wheel I=1:10 HP2	1003535
005 C, G, O #	1,000	Schneckenrad I=1:12 HP2	Worm wheel I=1:12 HP2	1003536
005 D, H, P #	1,000	Schneckenrad I=1:25 HP2	Worm wheel I=1:25 HP2	1003537
005 I, K, L #	1,000	Schneckenrad I=1:7 HP2	Worm wheel I=1:7 HP2	1022819
007 A-P	1,000	Gehäusedeckel HP2	housing lid HP2	1003947
007 A-P	1,000	Gehäusedeckel HP2 für Heizelement	housing lid HP2 for heating cartridge	1026402
007 A-P	1,000	Gehäusedeckel HP2 für Heizelement Ex	housing lid HP2 for heating cartridge Ex	1026652
008 A-P	1,000	Hubeinstelldeckel HP2 rechts	Stroke adjust lid HP2 right	1005319
009 A-P	1,000	Hydraulikflansch HP2	hydraulic flange HP2	1024090
010 A-P	1,000	Hydraulikdeckel Hydro 1.4305	hydraulic lid Hydro 1.4305	1003942
011 A-D, I	1,000	Kolben d18 x 175 HP2	piston d18 x 175 HP2	1003951
011 E-H, K	1,000	Kolben d26 x 175 HP2	piston d26 x 175 HP2	1003952
011 L - P	1,000	Kolben d16 x 175 HP2	piston d16 x 175 HP2	1021345
012 A-P	1,000	Druckfeder HP2 100N OTEVA 70	Com.spring HP2 100N OTEVA 70	1004775
013 A-H, I, K	1,000	Federteller Hydro	spring plate Hydro	1004404
013 L - P	1,000	Federteller Hydro Version: 100bar	spring plate Hydro Version: 100bar	1022806
014 A-P ##	1,000	Rillenkugellager 6204 SKF	Deep groove ball bear. 6204 SKF	1003512
015 A-P ##	1,000	Rillenkugellager 6005-2RS1 SKF	Deepgroov.bal.bear.6005-2RS1 SKF	1003929
016 A-P #	1,000	Rillenkugellager 6006 SKF	Deep groove ball bear 6006 SKF	405911
017 A-P #	1,000	Rillenkugellager 6306 SKF/INA	Deep groove ball bear. 6306 SKF/INA	1003928
018 A-P #	1,000	Nadellager NK45/20 SKF/INA	Needle bear. NK45/20 SKF/INA	1003934
019 A-P #	2,000	Paßscheibe DIN 988 45x55x1	Shim ring DIN 988 45x55x1	1004024
020 A-P	1,000	Paßscheibe PS 41X50X1	Adj.washer PS 41X50X1	1004027
021 A-P #	2,000	Sicherungsring DIN 471 45x1.75 F.st.	Snap ring DIN 471 45x1.75 s.st.	1004030
022 A-P	1,000	Sicherungsring DIN 472 50x2 F.st.	Snap ring DIN 472 50x2 s.st.	1004031
023 A-P	1,000	O-Ring 46.00 - 2.00 NBR	O-ring 46.00 - 2.00 NBR	1004032
024 A-P	1,000	O-Ring 135.00 - 2.50 NBR	O-ring 135.00 - 2.50 NBR	1004033
025 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 25 verz.	Hexagon screw EN 24017 M 8x 25 galv.	468113
026 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
027 A, E, M ##	1,000	Schneckenwelle I= 1: 8 HP2	Worm shaft I= 1: 8 HP2	1003526
027 B, F, N ##	1,000	Schneckenwelle I= 1:10 HP2	Worm shaft I= 1:10 HP2	1003527
027 C, G, O ##	1,000	Schneckenwelle I= 1:12 HP2	Worm shaft I= 1:12 HP2	1003528
027 D, H, P ##	1,000	Schneckenwelle I= 1:25 HP2	Worm shaft I= 1:25 HP2	1003529
027 I, L, K ##	1,000	Schneckenwelle I= 1: 7 HP2	Worm shaft I= 1: 7 HP2	1022818
028 A-P #	1,000	Exzenterwelle-Anbau Hub 15mm HP2	Excentric shaft-add on str.15mm HP2	1005322
030 A-P	4,000	Gewindebolzen HP3 M8x100 A2/80	bolt HP3 M8x100 A2/80	1004040
031 A-P	4,000	Hutmutter DIN 1587 M 8 verz.	Cap nut DIN 1587 M 8 galv.	468308
032 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
033 A-P	1,000	O-Ring 135.00 - 2.50 NBR	O-ring 135.00 - 2.50 NBR	1004033
034 A-P	1,000	Hubeinstellachse HP2 9S20k	stroke ajust axle HP2 9S20k	1004408
035 A-P	1,000	O-RING 7.00 - 2.00 NBR	O-ring 7.00 - 2.00 NBR	480307
036 A-P	1,000	Sicherungsscheibe DIN 6799 8 F.st.	Retaining washer DIN 6799 8 s.st.	1006794
037 A-P	1,000	Kolbenmuffe kpl Hydro	piston sleeve cpl Hydro	1004405
038 A-P	1,000	Führungsband d14x2 Hydro	sliding band d14x2 Hydro	1003943
040 A-P	1,000	Zylinderstift DIN 7 4m6x14 A4	Cylinder pin DIN 7 4m6x14 A4	460714
041 A-P	1,000	O-Ring 110.00 - 3.00 NBR	O-ring 110.00 - 3.00 NBR	480284
042 A-P	4,000	Zyl.Schraube DIN 7984 M 6x 10 A2	Cyl.screw DIN 7984 M 6x 10 A2	468086
043 A-P	1,000	O-Ring 71.00 - 3.00 NBR	O-ring 71.00 - 3.00 NBR	1004039
044 A-P #	1,000	Passfeder DIN 6885 A 8x 7x 18 C45+C	Fitting key DIN 6885 A 8x 7x 18 C45K	1004208

Pos.Type Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
		Hydro Hauptantrieb Anbau vorb.	Hydro m.-drive unit prep. add-on	
045 A-P ###	1,000	O-Ring/M 12.37 - 2.62 FPM-A	O-ring/m 12.37 - 2.62 FPM-A	481012
046 A-P ###	1,000	Kugelsitz d9.2 DBV Hydro 1.4305	ball seat d9.2 pcv Hydro 1.4305	1004699
047 A-P ###	1,000	Ventilkugel 9.2 mm Al2 03	Valve ball 9.2 mm Al2 03	404281
048 A-P ###	1,000	Spindel DBV Hydro 1.4305	spindle pcv Hydro 1.4305	1004700
049 A-P ###	1,000	Federsitz d15,5 DBV Hydro	Spring seat d15,5 pcv Hydro	1004701
050 A-D, I ###	1,000	Druckf.d2.25/L109 DBV64bar Hydro OTEVA70	Com.sp.d2.25/L109 DBV64bar Hydro OTEVA70	1004705
050 E-H, K ###	1,000	Druckf.d1.7/L120 DBV-25bar Hydro OTEVA70	Com.sp.d1.7/L120 DBV-25bar Hydro OTEVA70	1004704
050 L - P ###	1,000	Druckfeder D2,4/L123 OTEVA 70	Pres.springD2,4/L123 OTEVA 70	1022727
051 A-D, I ###	1,000	Distanzscheibe 20x15,6x2 DBV Hydro	Distance plate 20x15,6x2 pcv Hydro	1006307
051 E-H, K - P ###	1,000	Distanzscheibe 20x15,6x6 DBV Hydro	Distance plate 20x15,6x6 pcv Hydro	1005894
052 A-P ###	1,000	Federsitz d15,5x9 DBV Hydro	Spring seat d15,5x9 pcv hydro	1004702
053 A-P ###	1,000	O-Ring 8.00 - 2.00 NBR	O-ring 8.00 - 2.00 NBR	480312
054 A-P ###	1,000	O-Ring/M 28.00 - 2.00 FPM-A	O-ring/m 28.00 - 2.00 FPM-A	481038
055 A-P ###	1,000	Ventilkörper DBV Hydro 1.4301	Valve body pcv Hydro 1.4301	1004698
056 A-P ###	1,000	DU-Buchse 8x10x 8 MB 0808 DU	Bushing 8x10x 8 MB 0808 DU	469508
057 A-P ###	1,000	Rändelmutter M6 x 24 PA6.6	Nut M6 x 24 PA6.6	1004706
058 A-P ###	1,000	Hutmutter DIN 1587 M 6 verz.	Cap nut DIN 1587 M 6 galv.	468306
061 A-P	1,000	Mot.RAL2003 0.37KW 4p 230/400V-2 50/60Hz	Mot.RAL2003 0.37KW 4p 230/400V-2 50/60Hz	1003455
061 A-P	1,000	Mot.RAL2003 0.37kw 4p 230V-2 3x regelb.	Mot.RAL2003 0.37kw 4p 230V-2 3x var.sp.	1006017
061 A-P	1,000	Mot.RAL2003 Exe0.37KW 4p 230/400V-2 50Hz	Mot.RAL2003 Exe0.37KW 4p 230/400V-2 50Hz	1006019
061 A-P	1,000	Mot.RAL2003 Exe0.37KW 4p 265/460V-2 60Hz	Mot.RAL2003 Exe0.37KW 4p 265/460V-2 60Hz	1006021
061 A-P	1,000	Mot.RAL2003 Exd0.37KW 4p 230/400V-2 50Hz	Mot.RAL2003 Exd0.37KW 4p 230/400V-2 50Hz	1006023
061 A-P	1,000	Mot.RAL2003 Exd0.37KW 4p 266/460V-2 60Hz	Mot.RAL2003 Exd0.37KW 4p 266/460V-2 60Hz	1006025
061 A-P	1,000	Mot.RAL2003 0.37kw 1p 230V FU 50/60Hz	Mot.RAL2003 0.37kw 1p 230V FU 50/60Hz	1008569
062 A-P	1,000	Flachdtg. 158x112x0.5 Abil	Gasket 158x112x0.5 Abil	1004543
063 A-P	1,000	Verbindungshülse HP2	Conn.bushing HP2	1002878
064 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 20 A2	Hexagon screw EN 24017 M 8x 20 A2	792475
064 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 16 A2	Hexagon screw EN 24017 M 8x 16 A2	1007199
065 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
066 A-P	1,000	Verschlußschrb. m. Entl.3/8"schw	Screwing w. Vetilat. 3/8" black	740671
067 A-P	1,000	Verschlußschraube G3/8"schw.PA12	Screwing G3/8"blac.PA12	740646
067 A-P, "API"	1,000	Verschlußschr. m. Bund G3/8 Messing	Screwing w. shoulder G3/8 brass	1022066
068 A-P	1,000	Ölschauglas G3/8"-PA12 Transpar.	Oil sight glass G3/8"-PA12	740672
068 A-P, "API"	1,000	Ölschauglas GN 743-11-G3/8-B	Oil sight glass GN 743-11-G3/8-B	1022065
069 A-P	1,000	Hubeinstellknopf Hydro	Stroke adjusting button Hydro	1005182
069 A-P, "API"	1,000	Hubeinstellknopf mit Bohrung Hydro	Stroke adjusting button with hole Hydro	1023969
070 A-D, I	1,000	Skalenscheibe HP2 64bar	scale wheel HP2 64bar	1005194
070 E-H, K	1,000	Skalenscheibe HP2 25bar	scale wheel HP2 25bar	1005634
070 L - P	1,000	Skalenscheibe HP2 100bar	scale wheel HP2 100bar	1022815
071 A-P	1,000	Skalenplatte HP2	scale disk HP2	1005196
072 A-P	1,000	Zyl.Schraube DIN 912 M 5x 30 A2	Cyl.screw DIN 912 M 5x 30 A2	468008
073 A-P	2,000	PT-Schraube WN1451 K 25x10 verz	PT-screw WN1451 K 25x10 verz	1002162
074 A-D, I	1,000	Druckbegrenzungsventil kpl. 64bar Hydro	pressure control valve cpl. 64bar Hydro	1004711
074 E - H, K	1,000	Druckbegrenzungsventil kpl. 25bar Hydro	pressure control valve cpl. 25bar Hydro	1004710
074 L - P	1,000	Druckbegrenzungsventil kpl. 100bar Hydro	pressure control valve cpl. 100bar Hydro	1022732
074 Sonderausführung	1,000	Druckbegrenzungsventil kpl. 40bar Hydro	pressure control valve cpl. 40bar Hydro	1022730
074 Sonderausführung	1,000	Druckbegrenzungsventil kpl. 10bar Hydro	pressure control valve cpl. 10bar Hydro	1022728
074 Sonderausführung	1,000	Druckbegrenzungsventil kpl. 16bar Hydro	pressure control valve cpl. 16bar Hydro	1004697
075 A-P	1,000	Verschlußschrb.DIN 908 G 1/8A 1.4305	Hexagon plug DIN 908 G 1/8A 1.4305	1004802
076 A-P	1,000	Dichtung d13.5xd10x1mm Kupfer	Gasket d13.5xd10x1mm Kupfer	1004803
088 A-P	1,000	Lagerdeckel-Anbau HP2	bearing lid-add on HP2	1005320

Pos.Type	Anz.	Artikel	Description	Best.Nr.
Pos.Type	No.of			Code No.
		Hydro Hauptantrieb Anbau vorb.	Hydro m.-drive unit prep. add-on	
089 A-P	4,000	Senkschraube DIN 7991 M 6x16 verz.	Cntrsunk screw DIN 7991 M 6x16 galv.	1007514
091 A-P	1,000	O-Ring 72.00 - 2.50 NBR	O-ring 72.00 - 2.50 NBR	1004035
093 A-P	4,000	Federring DIN 127 B 8 A4	Spring washer DIN 127 B 8 A4	1005577
096 A-P, "API"	1,000	Rändelschraubenkopf PA schwarz M5	screw handle PA black M5	1003323
097 A-P, "API"	1,000	Feststellschraube Hydro	Set screw Hydro	1023970
098 A-P, "API"	1,000	O-Ring 16.30 - 2.40 NBR	O-ring 16.30 - 2.40 NBR	740803
100 A-P	2,000	Flansch kpl. 3/4"-DN10 PN100/DIN 2637 SS	Flange cpl. 3/4"-DN10 PN100/DIN 2637 SS	1006005
101 A-P	2,000	Flansch kpl.DN1/2" DN10 ANSI 1500lbs SS	Flange cpl. DN1/2" DN10 ANSI 1500lbs SS	1006015
101 A-P	2,000	Flansch kpl.DN1/2" DN10 ANSI 1500lbs HC	Flange cpl. DN1/2" DN10 ANSI 1500lbs HC	1021175
103 A-P	1,000	Typenschild Motorpumpen	type plate motor pumps	1005669
104 A-P	2,000	Kerbnagel DIN 1476 3x10 A2	Grooved pin DIN 1476 3x10 A2	469341
105 A-P	2,500	Getriebeöl Mobilube 1 SHC 75W-90	Oil mobilube 1 SHC 75W-90	1005823
105 A-P	3,000	Getriebeöl Mobilube 1SHC 75W-90 1 Liter	Oil mobilgear 1SHC 75W-90 1 Liter	1006010
105 A-P	2,500	Getriebeöl Aral Eural Gear 220	Oil Aral Eural Gear 220	1007610
105 A-P	3,000	Getriebeöl Aral Eural Gear 220 1 Liter	Oil Aral Eural Gear 220 1 Liter	1007664
106 A-P	1,000	Kappe D 13/4.2x2.5 PE schwarz	Cap D 13/4.2x2.5 PE schwarz	1005886
107 A-P	1,000	Federring ehemals DIN 7980 6 A2	Spring washer formerly DIN 7980 6 A2	462456
108 A-P	1,000	Selbstklebeetikett roter Pfeil	Label red arrow	609615
115 A-P	1,000	Frequenzumrichter 0.37kW IP54	Frequency converter 0.37kW IP54	1001909
126 A-P	1,000	Nabe AL-D Rotex19 d14H7 DIN6885 GEW	Hub AL-D Rotex19 d14H7 DIN6885 GEW	1006287
127 A-P	1,000	Zahnkranz f. ROTEX 19 92Shore	GEAR RIM f. ROTEX 19 92Shore	1006286
128 A-P	1,000	Nabe ROTEX 19 AL-D d.15,87 ED	hub ROTEX 19 AL-D d.15,87 ED	1006285
128 A-P	1,000	Nabe ROTEX 19 St 1B-d19	hub ROTEX 19 St 1B-d19	1026757
129 A-P	1,000	Motorflansch RAL2003 56C	motor flange RAL2003 56C	1006065
129 A-P	1,000	Motorflan. RAL2003 B14 / 200 Hydro/S3Ba	motor fla. RAL2003 B14 / 200 Hydro/S3Ba	1026754
130 A-P	1,000	Kupplungsachse Sigma IIII	clutch shaft Sigma IIII	1005999
131 A-P	1,000	Passfeder DIN 6885 A 5x 5x 40 C45+C	Fitting key DIN 6885 A 5x 5x 40 C45K	1006135
140 A-P	2,000	O-Ring 25.00 - 3.00 NBR	O-ring 25.00 - 3.00 NBR	480224
141 A-P	1,000	Verbind. Flansch Stellm. Hydro	Conn. flange servo motor Hydro	1005885
142 A-P	1,000	Stellantrieb Hydro 115V/60Hz	Servomotor Hydro 115V/60Hz	1006404
142 A-P	1,000	Stellantrieb Hydro 230V/50Hz	Servomotor Hydro 230V/50Hz	1006405
142 A-P	1,000	Regelantr. Hydro 0/4-20mA 115V/60Hz	Servomot. Hydro 0/4-20mA 115V/60Hz	1006406
142 A-P	1,000	Regelantr. Hydro 0/4-20mA 230V/50Hz	Servomot. Hydro 0/4-20mA 230V/50Hz	1006407
142 A-P	1,000	Regelantr. Hydro 0/4-20mA 115V/60Hz II	Servomot. Hydro 0/4-20mA 115V/60Hz II	1024822
142 A-P	1,000	Regelantr. Hydro 0/4-20mA 230V/50Hz II	Servomot. Hydro 0/4-20mA 230V/50Hz II	1024824
143 A-P	6,000	Sechsk.Schrb. EN 24017 M 6x 16 A2	Hexagon screw EN 24017 M 6x 16 A2	468210
144 A-P	6,000	Scheibe DIN 125 A 6.4 A2	Washer DIN 125 A 6.4 A2	462219
150 A-P #A	2,000	Flansch ANSI B16.5 1/2"-10 1.4571 1500lb	Flange ANSI B16.5 1/2"-10 1.4571 1500lb	1006012
150 A-P #D	2,000	Flansch E DN 10x 17,2 DIN 2637 1.4571	Flange E DN 10x 17,2 DIN 2637 1.4571	1006003
151 A-P #D #A	2,000	Überwurfmutter G 3/4 DN10 S	Union nut G 3/4 DN10 S	805270
152 A-P #A	2,000	Flachdichtung 22x61x2 PN63-160 Graphit S	Gasket 22x61x2 PN63-160 Graphit SS	1006501
152 A-P #D	2,000	Flachdichtung 18x56x2 PN63-160 Graphit S	Gasket 18x56x2 PN63-160 Graphit S	1006500
153 A-P #A	2,000	Einlegeteil Flansch 1/2" (DN10) ANSI SS	Insert for flange 1/2" (DN10) ANSI SS	1006011
153 A-P #D	2,000	Einlegeteil gerillt f.Flansch DN10 S	Insert grooved f. flange DN10 S	1006000
154 A-P #D #A	2,000	Scheibe d 23.5/ d 12.1x1.5 PTFE	Disc d 23.5/ d 12.1x1.5 PTFE	792882
155 A-P	1,000	Kupplungsflansch HP2	Coupling flange HP2	1006641
156 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 30 A2	Hexagon screw EN 24017 M 8x 30 A2	468115
157 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
158 A-P	1,000	Passfeder DIN 6885 A 8x 7x 26 St50-1K	Fitting key DIN 6885 A 8x 7x 26 St50-1K	463614
159 A-P	1,000	Wellendichtring A 28x47X7-NB DIN 3760	shaft sealing ring A 28X47X7-NB DIN3760	1006643
170 A-P	1,000	Kupplung kpl.Rotex 24 d26	Coupling cpl.Rotex 24 d26	1006636

Pos.Type Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
		Hydro Hauptantrieb Anbau vorb.	Hydro m.-drive unit prep. add-on	
176 A-P	1,000	Heizpatrone 120 W mit PTC	heating cartridge 120 W w. PTC	1026399
176 A-P	1,000	Heizpatrone 120 W Ex	heating cartridge 120 W Ex	1026622
177 A-P	1,000	Dichtung d18xd24x1,5 DIN7603 A Cu	Gasket d18xd24x1,5 DIN7603 A copper	1026447
177 A-P	1,000	Dichtung d27xd32x2 DIN7603 A Cu	Gasket d28xd34x1,8 DIN7603 A copper	1026555
179 A-P	1,000	\$Temperaturregler für Heizpatrone EX	\$regulator for cartridge heater EX	1026541
180 A-P	1,000	Abdeckschutz Heizpatrone Ex	cover cartridge heater Ex	1026556
181 A-P	1,000	O-Ring 36.00 - 2.00 NBR	O-ring 36.00 - 2.00 NBR	790400
182 A-D, I	1,000	Kolbenführung HP2 d=18	piston guide HP2 d=18	1024085
182 E-H, K	1,000	Kolbenführung HP2 d=26	piston guide HP2 d=26	1024086
182 L-P	1,000	Kolbenführung HP2 d=16	piston guide HP2 d=16	1024084

Bezeichnung: Hydro Hauptantr. Do.k. Anb.vorb.
Description: Hydro m.-dr.-unit 2 hd pr.add-on

ETL-Nr: 61_02-104_00_14-14
Version: 07

erstellt: BONIN am: 30.11.2000
geändert: BONIN am: 01.06.2005
geprüft: ARNOLD am:

Mitteilungsnummer: 05102

Zugeh.ZNr: 61_02-104_00_10-03
61_02-104_00_02-03
61_02-104_00_03-03
61_02-104_00_04-03

Bemerkung:

A= 064022
B= 064018
C= 064015
D= 064007
E= 025060
F= 025048
G= 025040
H= 025019
I= 064025
K= 025068
L= 100010
M= 100009
N= 100007
O= 100006
P= 100003
= in Pos. 3 enthalten
= in Pos. 4 enthalten
= in Pos. 74 enthalten
#D = in Pos.100 enthalten
#A = in Pos.101 enthalten
= included in pos. 3
= included in pos. 4
= included in pos. 74
#D = included in pos.100
#A = included in pos.101

Pos.Type	Anz.	Artikel	Description	Best.Nr.
Pos.Type	No.of			Code No.
		Hydro Hauptantr. Do.k. Anb.vorb.	Hydro m.-dr.-unit 2 hd pr.add-on	
002 A-P	1,000	Guss-Gehäuse Fertigteil-Anbau HP2	Cast-housing finished part-add on HP2	1006644
003 A, E, M	1,000	Exzenterwelle kpl. 8:1 Haupt HP2	eccentric shaft cpl. 8:1 main HP2	1007214
003 B, F, N	1,000	Exzenterwelle kpl. 10:1 Haupt HP2	eccentric shaft cpl. 10:1 main HP2	1007215
003 C, G, O	1,000	Exzenterwelle kpl. 12:1 Haupt HP2	eccentric shaft cpl. 12:1 main HP2	1007216
003 D, H, P	1,000	Exzenterwelle kpl. 25:1 Haupt HP2	eccentric shaft cpl. 25:1 main HP2	1007217
003 I, L, K	1,000	Exzenterwelle kpl. 7:1 Haupt HP2	eccentric shaft cpl. 7:1 main HP2	1022824
004 A, E, M	1,000	Schneckenwelle kpl. 8:1 Hydro HP2	worm shaft cpl. 8:1 Hydro HP2	1005652
004 B, F, N	1,000	Schneckenwelle kpl. 10:1 Hydro HP2	worm shaft cpl. 10:1 Hydro HP2	1005653
004 C, G, O	1,000	Schneckenwelle kpl. 12:1 Hydro HP2	worm shaft cpl. 12:1 Hydro HP2	1005654
004 D, H, P	1,000	Schneckenwelle kpl. 25:1 Hydro HP2	worm shaft cpl. 25:1 Hydro HP2	1005655

Pos.Type	Anz.	Artikel	Description	Best.Nr.
Pos.Type	No.of			Code No.
		Hydro Hauptantr. Do.k. Anb.vorb.	Hydro m.-dr.-unit 2 hd pr.add-on	
004 I, K, L	1,000	Schneckenwelle kpl. 7:1 Hydro HP2	worm shaft cpl. 7:1 Hydro HP2	1022822
005 A, E, M #	1,000	Schneckenrad I=1:8 HP2	Worm wheel I=1:8 HP2	1003534
005 B, F, N #	1,000	Schneckenrad I=1:10 HP2	Worm wheel I=1:10 HP2	1003535
005 C, G, O #	1,000	Schneckenrad I=1:12 HP2	Worm wheel I=1:12 HP2	1003536
005 D, H, P #	1,000	Schneckenrad I=1:25 HP2	Worm wheel I=1:25 HP2	1003537
005 I, K, L #	1,000	Schneckenrad I=1:7 HP2	Worm wheel I=1:7 HP2	1022819
008 A-P	1,000	Hubeinstelldeckel HP2 links	Stroke adjust lid HP2 left	1005318
008 A-P	1,000	Hubeinstelldeckel HP2 rechts	Stroke adjust lid HP2 right	1005319
009 A-P	2,000	Hydraulikflansch HP2	hydraulic flange HP2	1024090
010 A-P	2,000	Hydraulikdeckel Hydro 1.4305	hydraulic lid Hydro 1.4305	1003942
011 A-D, I	2,000	Kolben d18 x 175 HP2	piston d18 x 175 HP2	1003951
011 E-H, K	2,000	Kolben d26 x 175 HP2	piston d26 x 175 HP2	1003952
011 L - P	2,000	Kolben d16 x 175 HP2	piston d16 x 175 HP2	1021345
012 A-P	2,000	Druckfeder HP2 100N OTEVA 70	Com.spring HP2 100N OTEVA 70	1004775
013 A-H, I, K	2,000	Federteller Hydro	spring plate Hydro	1004404
013 L - P	2,000	Federteller Hydro Version: 100bar	spring plate Hydro Version: 100bar	1022806
014 A-P ##	1,000	Rillenkugellager 6204 SKF	Deep groove ball bear. 6204 SKF	1003512
015 A-P ##	1,000	Rillenkugellager 6005-2RS1 SKF	Deepgro.v.bal.bear.6005-2RS1 SKF	1003929
016 A-P #	1,000	Rillenkugellager 6006 SKF	Deep groove ball bear 6006 SKF	405911
017 A-P #	1,000	Rillenkugellager 6306 SKF/INA	Deep groove ball bear. 6306 SKF/INA	1003928
018 A-P #	1,000	Nadellager NK45/20 SKF/INA	Needle bear. NK45/20 SKF/INA	1003934
019 A-P #	2,000	Paßscheibe DIN 988 45x55x1	Shim ring DIN 988 45x55x1	1004024
020 A-P	1,000	Paßscheibe PS 41X50X1	Adj.washer PS 41X50X1	1004027
021 A-P #	2,000	Sicherungsring DIN 471 45x1.75 F.st.	Snap ring DIN 471 45x1.75 s.st.	1004030
022 A-P	1,000	Sicherungsring DIN 472 50x2 F.st.	Snap ring DIN 472 50x2 s.st.	1004031
023 A-P	1,000	O-Ring 46.00 - 2.00 NBR	O-ring 46.00 - 2.00 NBR	1004032
027 A, E, M ##	1,000	Schneckenwelle I= 1: 8 HP2	Worm shaft I= 1: 8 HP2	1003526
027 B, F, N ##	1,000	Schneckenwelle I= 1:10 HP2	Worm shaft I= 1:10 HP2	1003527
027 C, G, O ##	1,000	Schneckenwelle I= 1:12 HP2	Worm shaft I= 1:12 HP2	1003528
027 D, H, P ##	1,000	Schneckenwelle I= 1:25 HP2	Worm shaft I= 1:25 HP2	1003529
027 I, L, K ##	1,000	Schneckenwelle I= 1: 7 HP2	Worm shaft I= 1: 7 HP2	1022818
028 A-P #	1,000	Exzenterwelle-Anbau Hub 15mm HP2	Excentric shaft-add on str.15mm HP2	1005322
030 A-P	8,000	Gewindebolzen HP3 M8x100 A2/80	bolt HP3 M8x100 A2/80	1004040
031 A-P	8,000	Hutmutter DIN 1587 M 8 verz.	Cap nut DIN 1587 M 8 galv.	468308
032 A-P	8,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
033 A-P	2,000	O-Ring 135.00 - 2.50 NBR	O-ring 135.00 - 2.50 NBR	1004033
034 A-P	2,000	Hubeinstellachse HP2 9S20k	stroke ajust axle HP2 9S20k	1004408
035 A-P	2,000	O-RING 7.00 - 2.00 NBR	O-ring 7.00 - 2.00 NBR	480307
036 A-P	2,000	Sicherungsscheibe DIN 6799 8 F.st.	Retaining washer DIN 6799 8 s.st.	1006794
037 A-P	2,000	Kolbenmuffe kpl Hydro	piston sleeve cpl Hydro	1004405
038 A-P	2,000	Führungsband d14x2 Hydro	sliding band d14x2 Hydro	1003943
040 A-P	2,000	Zylinderstift DIN 7 4m6x14 A4	Cylinder pin DIN 7 4m6x14 A4	460714
041 A-P	2,000	O-Ring 110.00 - 3.00 NBR	O-ring 110.00 - 3.00 NBR	480284
042 A-P	8,000	Zyl.Schraube DIN 7984 M 6x 10 A2	Cyl.screw DIN 7984 M 6x 10 A2	468086
043 A-P	2,000	O-Ring 71.00 - 3.00 NBR	O-ring 71.00 - 3.00 NBR	1004039
044 A-P #	1,000	Passfeder DIN 6885 A 8x 7x 18 C45+C	Fitting key DIN 6885 A 8x 7x 18 C45K	1004208
045 A-P ###	2,000	O-Ring/M 12.37 - 2.62 FPM-A	O-ring/m 12.37 - 2.62 FPM-A	481012
046 A-P ###	2,000	Kugelsitz d9.2 DBV Hydro 1.4305	ball seat d9.2 pcv Hydro 1.4305	1004699
047 A-P ###	2,000	Ventilkugel 9.2 mm A12 03	Valve ball 9.2 mm A12 03	404281
048 A-P ###	2,000	Spindel DBV Hydro 1.4305	spindle pcv Hydro 1.4305	1004700
049 A-P ###	2,000	Federsitz d15,5 DBV Hydro	Spring seat d15,5 pcv Hydro	1004701

Pos.Type Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
		Hydro Hauptantr. Do.k. Anb.vorb.	Hydro m.-dr.-unit 2 hd pr.add-on	
050 A-D, I ###	2,000	Druckf.d2.25/L109 DBV64bar Hydro OTEVA70	Com.sp.d2.25/L109 DBV64bar Hydro OTEVA70	1004705
050 E-H, K ###	2,000	Druckf.d1.7/L120 DBV-25bar Hydro OTEVA70	Com.sp.d1.7/L120 DBV-25bar Hydro OTEVA70	1004704
050 L -P ###	2,000	Druckfeder D2,4/L123 OTEVA 70	Pres.springD2,4/L123 OTEVA 70	1022727
051 A-D, I ###	2,000	Distanzscheibe 20x15,6x2 DBV Hydro	Distance plate 20x15,6x2 pcv Hydro	1006307
051 E-H, K ###	2,000	Distanzscheibe 20x15,6x6 DBV Hydro	Distance plate 20x15,6x6 pcv Hydro	1005894
052 A-P ###	2,000	Federsitz d15,5x9 DBV Hydro	Spring seat d15,5x9 pcv hydro	1004702
053 A-P ###	2,000	O-Ring 8.00 - 2.00 NBR	O-ring 8.00 - 2.00 NBR	480312
054 A-P ###	2,000	O-Ring/M 28.00 - 2.00 FPM-A	O-ring/m 28.00 - 2.00 FPM-A	481038
055 A-P ###	2,000	Ventilkörper DBV Hydro 1.4301	Valve body pcv Hydro 1.4301	1004698
056 A-P ###	2,000	DU-Buchse 8x10x 8 MB 0808 DU	Bushing 8x10x 8 MB 0808 DU	469508
057 A-P ###	2,000	Rändelmutter M6 x 24 PA6.6	Nut M6 x 24 PA6.6	1004706
058 A-P ###	2,000	Hutmutter DIN 1587 M 6 verz.	Cap nut DIN 1587 M 6 galv.	468306
061 A-P	1,000	Mot.RAL2003 0.37KW 4p 230/400V-2 50/60Hz	Mot.RAL2003 0.37KW 4p 230/400V-2 50/60Hz	1003455
061 A-P	1,000	Mot.RAL2003 0.37kw 4p 230V-2 3x regelb.	Mot.RAL2003 0.37kw 4p 230V-2 3x var.sp.	1006017
061 A-P	1,000	Mot.RAL2003 Exe0.37KW 4p 230/400V-2 50Hz	Mot.RAL2003 Exe0.37KW 4p 230/400V-2 50Hz	1006019
061 A-P	1,000	Mot.RAL2003 Exe0.37KW 4p 265/460V-2 60Hz	Mot.RAL2003 Exe0.37KW 4p 265/460V-2 60Hz	1006021
061 A-P	1,000	Mot.RAL2003 Exd0.37KW 4p 230/400V-2 50Hz	Mot.RAL2003 Exd0.37KW 4p 230/400V-2 50Hz	1006023
061 A-P	1,000	Mot.RAL2003 Exd0.37KW 4p 266/460V-2 60Hz	Mot.RAL2003 Exd0.37KW 4p 266/460V-2 60Hz	1006025
061 A-P	1,000	Mot.RAL2003 0.37kw 1p 230V FU 50/60Hz	Mot.RAL2003 0.37kw 1p 230V FU 50/60Hz	1008569
062 A-P	1,000	Flachdtg. 158x112x0.5 Abil	Gasket 158x112x0.5 Abil	1004543
063 A-P	1,000	Verbindungshülse HP2	Conn.bushing HP2	1002878
064 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 20 A2	Hexagon screw EN 24017 M 8x 20 A2	792475
064 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 16 A2	Hexagon screw EN 24017 M 8x 16 A2	1007199
065 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
066 A-P	1,000	Verschlußschrb. m. Entl.3/8"schw	Screwing w. Vetilat. 3/8" black	740671
067 A-P	2,000	Verschlußschraube G3/8"schw.PA12	Screwing G3/8"blac.PA12	740646
067 A-P, "API"	2,000	Verschlußschr. m. Bund G3/8 Messing	Screwing w. shoulder G3/8 brass	1022066
068 A-P	1,000	Ölschauglas G3/8"-PA12 Transpar.	Oil sight glass G3/8"-PA12	740672
068 A-P, "API"	1,000	Ölschauglas GN 743-11-G3/8-B	Oil sight glass GN 743-11-G3/8-B	1022065
069 A-P	2,000	Hubeinstellknopf Hydro	Stroke adjusting button Hydro	1005182
069 A-P, "API"	2,000	Hubeinstellknopf mit Bohrung Hydro	Stroke adjusting button with hole Hydro	1023969
070 A-D, I	2,000	Skalenscheibe HP2 64bar	scale wheel HP2 64bar	1005194
070 E-H, K	2,000	Skalenscheibe HP2 25bar	scale wheel HP2 25bar	1005634
070 L - P	2,000	Skalenscheibe HP2 100bar	scale wheel HP2 100bar	1022815
071 A-P	2,000	Skalenplatte HP2	scale disk HP2	1005196
072 A-P	2,000	Zyl.Schraube DIN 912 M 5x 30 A2	Cyl.screw DIN 912 M 5x 30 A2	468008
073 A-P	4,000	PT-Schraube WN1451 K 25x10 verz	PT-screw WN1451 K 25x10 verz	1002162
074 A-D, I	2,000	Druckbegrenzungsventil kpl. 64bar Hydro	pressure control valve cpl. 64bar Hydro	1004711
074 E-H, K	2,000	Druckbegrenzungsventil kpl. 25bar Hydro	pressure control valve cpl. 25bar Hydro	1004710
074 L - P	2,000	Druckbegrenzungsventil kpl. 100bar Hydro	pressure control valve cpl. 100bar Hydro	1022732
074 Sonderausführung	2,000	Druckbegrenzungsventil kpl. 16bar Hydro	pressure control valve cpl. 16bar Hydro	1004697
074 Sonderausführung	2,000	Druckbegrenzungsventil kpl. 10bar Hydro	pressure control valve cpl. 10bar Hydro	1022728
074 Sonderausführung	2,000	Druckbegrenzungsventil kpl. 40bar Hydro	pressure control valve cpl. 40bar Hydro	1022730
075 A-P	2,000	Verschlußschrb.DIN 908 G 1/8A 1.4305	Hexagon plug DIN 908 G 1/8A 1.4305	1004802
076 A-P	2,000	Dichtung d13.5xd10x1mm Kupfer	Gasket d13.5xd10x1mm Kupfer	1004803
088 A-P	1,000	Lagerdeckel-Anbau HP2	bearing lid-add on HP2	1005320
089 A-P	4,000	Senkschraube DIN 7991 M 6x16 verz.	Cntrsunk screw DIN 7991 M 6x16 galv.	1007514
091 A-P	1,000	O-Ring 72.00 - 2.50 NBR	O-ring 72.00 - 2.50 NBR	1004035
093 A-P	4,000	Federring DIN 127 B 8 A4	Spring washer DIN 127 B 8 A4	1005577
096 A-P, "API"	2,000	Rändelschraubenkopf PA schwarz M5	screw handle PA black M5	1003323
097 A-P, "API"	2,000	Feststellschraube Hydro	Set screw Hydro	1023970

Pos.Type	Anz.	Artikel	Description	Best.Nr.
Pos.Type	No.of			Code No.
		Hydro Hauptantr. Do.k. Anb.vorb.	Hydro m.-dr.-unit 2 hd pr.add-on	
098 A-P, "API"	2,000	O-Ring 16.30 - 2.40 NBR	O-ring 16.30 - 2.40 NBR	740803
100 A-P	4,000	Flansch kpl. 3/4"-DN10 PN100/DIN 2637 SS	Flange cpl. 3/4"-DN10 PN100/DIN 2637 SS	1006005
101 A-P	4,000	Flansch kpl.DN1/2" DN10 ANSI 1500lbs SS	Flange cpl. DN1/2" DN10 ANSI 1500lbs SS	1006015
101 A-P	4,000	Flansch kpl.DN1/2" DN10 ANSI 1500lbs HC	Flange cpl. DN1/2" DN10 ANSI 1500lbs HC	1021175
103 A-P	1,000	Typenschild Motorpumpen	type plate motor pumps	1005669
104 A-P	2,000	Kerbnagel DIN 1476 3x10 A2	Grooved pin DIN 1476 3x10 A2	469341
105 A-P	3,000	Getriebeöl Aral Eural Gear 220 1 Liter	Oil Aral Eural Gear 220 1 Liter	1007664
105 A-P	3,000	Getriebeöl Aral Eural Gear 220	Oil Aral Eural Gear 220	1007610
105 A-P	3,000	Getriebeöl Mobilube 1SHC 75W-90 1 Liter	Oil mobilgear 1SHC 75W-90 1 Liter	1006010
105 A-P	3,000	Getriebeöl Mobilube 1 SHC 75W-90	Oil mobilube 1 SHC 75W-90	1005823
106 A-P	2,000	Kappe D 13/4.2x2.5 PE schwarz	Cap D 13/4.2x2.5 PE schwarz	1005886
107 A-P	2,000	Federring ehemals DIN 7980 6 A2	Spring washer formerly DIN 7980 6 A2	462456
108 A-P	1,000	Selbstklebeetikett roter Pfeil	Label red arrow	609615
115 A-P	1,000	Frequenzumrichter 0.37kW IP54	Frequency converter 0.37kW IP54	1001909
126 A-P	1,000	Nabe AL-D Rotex19 d14H7 DIN6885 GEW	Hub AL-D Rotex19 d14H7 DIN6885 GEW	1006287
127 A-P	1,000	Zahnkranz f. ROTEX 19 92Shore	GEAR RIM f. ROTEX 19 92Shore	1006286
128 A-P	1,000	Nabe ROTEX 19 St 1B-d19	hub ROTEX 19 St 1B-d19	1026757
128 A-P	1,000	Nabe ROTEX 19 AL-D d.15,87 ED	hub ROTEX 19 AL-D d.15,87 ED	1006285
129 A-P	1,000	Motorflansch RAL2003 56C	motor flange RAL2003 56C	1006065
129 A-P	1,000	Motorflan. RAL2003 B14 / 200 Hydro/S3Ba	motor fla. RAL2003 B14 / 200 Hydro/S3Ba	1026754
130 A-P	1,000	Kupplungsachse Sigma III	clutch shaft Sigma III	1005999
131 A-P	1,000	Passfeder DIN 6885 A 5x 5x 40 C45+C	Fitting key DIN 6885 A 5x 5x 40 C45K	1006135
140 A-P	4,000	O-Ring 25.00 - 3.00 NBR	O-ring 25.00 - 3.00 NBR	480224
141 A-P	2,000	Verbind. Flansch Stellm. Hydro	Conn. flange servo motor Hydro	1005885
142 A-P	2,000	Regelantr. Hydro 0/4-20mA 230V/50Hz II	Servomot. Hydro 0/4-20mA 230V/50Hz II	1024824
142 A-P	2,000	Regelantr. Hydro 0/4-20mA 115V/60Hz II	Servomot. Hydro 0/4-20mA 115V/60hz II	1024822
142 A-P	2,000	Regelantr. Hydro 0/4-20mA 230V/50Hz	Servomot. Hydro 0/4-20mA 230V/50Hz	1006407
142 A-P	2,000	Regelantr. Hydro 0/4-20mA 115V/60Hz	Servomot. Hydro 0/4-20mA 115V/60hz	1006406
142 A-P	2,000	Stellantrieb Hydro 230V/50Hz	Servomotor Hydro 230V/50Hz	1006405
142 A-P	2,000	Stellantrieb Hydro 115V/60Hz	Servomotor Hydro 115V/60Hz	1006404
143 A-P	12,000	Sechsk.Schrb. EN 24017 M 6x 16 A2	Hexagon screw EN 24017 M 6x 16 A2	468210
144 A-P	12,000	Scheibe DIN 125 A 6.4 A2	Washer DIN 125 A 6.4 A2	462219
150 A-P #A	4,000	Flansch ANSI B16.5 1/2"-10 1.4571 1500lb	Flange ANSI B16.5 1/2"-10 1.4571 1500lb	1006012
150 A-P #D	4,000	Flansch E DN 10x 17,2 DIN 2637 1.4571	Flange E DN 10x 17,2 DIN 2637 1.4571	1006003
151 A-P #D #A	4,000	Überwurfmutter G 3/4 DN10 S	Union nut G 3/4 DN10 S	805270
152 A-P #A	4,000	Flachdichtung 22x61x2 PN63-160 Graphit S	Gasket 22x61x2 PN63-160 Graphit SS	1006501
152 A-P #D	4,000	Flachdichtung 18x56x2 PN63-160 Graphit S	Gasket 18x56x2 PN63-160 Graphit S	1006500
153 A-P #A	4,000	Einlegeteil Flansch 1/2" (DN10) ANSI SS	Insert for flange 1/2" (DN10) ANSI SS	1006011
153 A-P #D	4,000	Einlegeteil gerillt f.Flansch DN10 S	Insert grooved f. flange DN10 S	1006000
154 A-P #D #A	4,000	Scheibe d 23.5/ d 12.1x1.5 PTFE	Disc d 23.5/ d 12.1x1.5 PTFE	792882
155 A-P	1,000	Kupplungsflansch HP2	Coupling flange HP2	1006641
156 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 30 A2	Hexagon screw EN 24017 M 8x 30 A2	468115
157 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
158 A-P	1,000	Passfeder DIN 6885 A 8x 7x 26 St50-1K	Fitting key DIN 6885 A 8x 7x 26 St50-1K	463614
159 A-P	1,000	Wellendichtring A 28x47X7-NB DIN 3760	shaft sealing ring A 28X47X7-NB DIN3760	1006643
170 A-P	1,000	Kupplung kpl.Rotex 24 d26	Coupling cpl.Rotex 24 d26	1006636
181 A-P	2,000	O-Ring 36.00 - 2.00 NBR	O-ring 36.00 - 2.00 NBR	790400
182 A-D, I	2,000	Kolbenführung HP2 d=18	piston guide HP2 d=18	1024085
182 E-H, K	2,000	Kolbenführung HP2 d=26	piston guide HP2 d=26	1024086
182 L-P	2,000	Kolbenführung HP2 d=16	piston guide HP2 d=16	1024084

Bezeichnung: Hydro Anbauantrieb
Description: Hydro add-on drive unit

ETL-Nr: 61_02-104_00_15-14
Version: 06

erstellt: BONIN am: 30.11.2000
geändert: BONIN am: 29.09.2006
geprüft: ARNOLD am: 03.03.2006

Mitteilungsnummer: 03143

Zugeh.ZNr: 61_02-104_00_11-03
61_02-104_00_04-03

Bemerkung:

A= 064022
B= 064018
C= 064015
D= 064007
E= 025060
F= 025048
G= 025040
H= 025019
I= 064025
K= 025068
L= 100010
M= 100009
N= 100007
O= 100006
P= 100003
= in Pos. 3 enthalten
= in Pos. 74 enthalten
#D = in Pos.100 enthalten
#A = in Pos.101 enthalten
= included in pos. 3
= included in pos. 74
#D = included in pos.100
#A = included in pos.101

Pos.Type	Anz.	Artikel	Description	Best.Nr.
Pos.Type	No.of			Code No.
		Hydro Anbauantrieb	Hydro add-on drive unit	
002 A-P	1,000	Guss-Gehäuse Fertigteil-Anbau HP2	Cast-housing finished part-add on HP2	1006644
003 A-P	1,000	Exzenterwelle kpl. Anbau HP2	eccentric shaft cpl. add-on HP2	1007222
005 A-P #	1,000	Abstandshülse HP2	Spacing sleeve HP2	1006639
007 A-P	1,000	Gehäusedeckel HP2	housing lid HP2	1003947
007 A-P	1,000	Gehäusedeckel HP2 für Heizelement	housing lid HP2 for heating cartridge	1026402
007 A-P	1,000	Gehäusedeckel HP2 für Heizelement Ex	housing lid HP2 for heating cartridge Ex	1026652
008 A-P	1,000	Hubeinstelldeckel HP2 links	Stroke adjust lid HP2 left	1005318
009 A-P	1,000	Hydraulikflansch HP2	hydraulic flange HP2	1024090
010 A-P	1,000	Hydraulikdeckel Hydro 1.4305	hydraulic lid Hydro 1.4305	1003942
011 A-D, I	1,000	Kolben d18 x 175 HP2	piston d18 x 175 HP2	1003951
011 E-H, K	1,000	Kolben d26 x 175 HP2	piston d26 x 175 HP2	1003952
011 L - P	1,000	Kolben d16 x 175 HP2	piston d16 x 175 HP2	1021345
012 A-P	1,000	Druckfeder HP2 100N OTEVA 70	Com.spring HP2 100N OTEVA 70	1004775
013 A-H, I, K	1,000	Federteller Hydro	spring plate Hydro	1004404

Pos.Type Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
		Hydro Anbauantrieb	Hydro add-on drive unit	
013 L - P	1,000	Federteller Hydro Version: 100bar	spring plate Hydro Version: 100bar	1022806
016 A-P #	1,000	Rillenkugellager 6006 SKF	Deep groove ball bear 6006 SKF	405911
017 A-P #	1,000	Rillenkugellager 6306 SKF/INA	Deep groove ball bear. 6306 SKF/INA	1003928
018 A-P #	1,000	Nadellager NK45/20 SKF/INA	Needle bear. NK45/20 SKF/INA	1003934
019 A-P #	2,000	Paßscheibe DIN 988 45x55x1	Shim ring DIN 988 45x55x1	1004024
021 A-P #	2,000	Sicherungsring DIN 471 45x1.75 F.st.	Snap ring DIN 471 45x1.75 s.st.	1004030
024 A-P	1,000	O-Ring 135.00 - 2.50 NBR	O-ring 135.00 - 2.50 NBR	1004033
025 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 25 verz.	Hexagon screw EN 24017 M 8x 25 galv.	468113
026 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
028 A-P #	1,000	Exzenterwelle-Anbau Hub 15mm HP2	Excentric shaft-add on str.15mm HP2	1005322
030 A-P	4,000	Gewindebolzen HP3 M8x100 A2/80	bolt HP3 M8x100 A2/80	1004040
031 A-P	4,000	Hutmutter DIN 1587 M 8 verz.	Cap nut DIN 1587 M 8 galv.	468308
032 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
033 A-P	1,000	O-Ring 135.00 - 2.50 NBR	O-ring 135.00 - 2.50 NBR	1004033
034 A-P	1,000	Hubeinstellachse HP2 9S20k	stroke adjust axle HP2 9S20k	1004408
035 A-P	1,000	O-RING 7.00 - 2.00 NBR	O-ring 7.00 - 2.00 NBR	480307
036 A-P	1,000	Sicherungsscheibe DIN 6799 8 F.st.	Retaining washer DIN 6799 8 s.st.	1006794
037 A-P	1,000	Kolbenmuffe kpl Hydro	piston sleeve cpl Hydro	1004405
038 A-P	1,000	Führungsband d14x2 Hydro	sliding band d14x2 Hydro	1003943
040 A-P	1,000	Zylinderstift DIN 7 4m6x14 A4	Cylinder pin DIN 7 4m6x14 A4	460714
041 A-P	1,000	O-Ring 110.00 - 3.00 NBR	O-ring 110.00 - 3.00 NBR	480284
042 A-P	4,000	Zyl.Schraube DIN 7984 M 6x 10 A2	Cyl.screw DIN 7984 M 6x 10 A2	468086
043 A-P	1,000	O-Ring 71.00 - 3.00 NBR	O-ring 71.00 - 3.00 NBR	1004039
045 A-P ###	1,000	O-Ring/M 12.37 - 2.62 FPM-A	O-ring/m 12.37 - 2.62 FPM-A	481012
046 A-P ###	1,000	Kugelsitz d9.2 DBV Hydro 1.4305	ball seat d9.2 pcv Hydro 1.4305	1004699
047 A-P ###	1,000	Ventilkugel 9.2 mm Al2 03	Valve ball 9.2 mm Al2 03	404281
048 A-P ###	1,000	Spindel DBV Hydro 1.4305	spindle pcv Hydro 1.4305	1004700
049 A-P ###	1,000	Federsitz d15,5 DBV Hydro	Spring seat d15,5 pcv Hydro	1004701
050 A-D, I ###	1,000	Druckf.d2.25/L109 DBV64bar Hydro OTEVA70	Com.sp.d2.25/L109 DBV64bar Hydro OTEVA70	1004705
050 E-H, K ###	1,000	Druckf.d1.7/L120 DBV-25bar Hydro OTEVA70	Com.sp.d1.7/L120 DBV-25bar Hydro OTEVA70	1004704
050 L - P ###	1,000	Druckfeder D2,4/L123 OTEVA 70	Pres.springD2,4/L123 OTEVA 70	1022727
051 A-D, I ###	1,000	Distanzscheibe 20x15,6x2 DBV Hydro	Distance plate 20x15,6x2 pcv Hydro	1006307
051 E-H, K - P ###	1,000	Distanzscheibe 20x15,6x6 DBV Hydro	Distance plate 20x15,6x6 pcv Hydro	1005894
052 A-P ###	1,000	Federsitz d15,5x9 DBV Hydro	Spring seat d15,5x9 pcv hydro	1004702
053 A-P ###	1,000	O-Ring 8.00 - 2.00 NBR	O-ring 8.00 - 2.00 NBR	480312
054 A-P ###	1,000	O-Ring/M 28.00 - 2.00 FPM-A	O-ring/m 28.00 - 2.00 FPM-A	481038
055 A-P ###	1,000	Ventilkörper DBV Hydro 1.4301	Valve body pcv Hydro 1.4301	1004698
056 A-P ###	1,000	DU-Buchse 8x10x 8 MB 0808 DU	Bushing 8x10x 8 MB 0808 DU	469508
057 A-P ###	1,000	Rändelmutter M6 x 24 PA6.6	Nut M6 x 24 PA6.6	1004706
058 A-P ###	1,000	Hutmutter DIN 1587 M 6 verz.	Cap nut DIN 1587 M 6 galv.	468306
062 A-P	1,000	Flachdtg. 158x112x0.5 Abil	Gasket 158x112x0.5 Abil	1004543
064 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 16 A2	Hexagon screw EN 24017 M 8x 16 A2	1007199
064 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 20 A2	Hexagon screw EN 24017 M 8x 20 A2	792475
065 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
066 A-P	1,000	Verschlußschrb. m. Entl.3/8"schw	Screwing w. Vetilat. 3/8" black	740671
067 A-P	1,000	Verschlußschraube G3/8"schw.PA12	Screwing G3/8"blac.PA12	740646
067 A-P, "API"	1,000	Verschlußschr. m. Bund G3/8 Messing	Screwing w. shoulder G3/8 brass	1022066
068 A-P	1,000	Ölschauglas G3/8"-PA12 Transpar.	Oil sight glass G3/8"-PA12	740672
068 A-P, "API"	1,000	Ölschauglas GN 743-11-G3/8-B	Oil sight glass GN 743-11-G3/8-B	1022065
069 A-P	1,000	Hubeinstellknopf Hydro	Stroke adjusting button Hydro	1005182
069 A-P, "API"	1,000	Hubeinstellknopf mit Bohrung Hydro	Stroke adjusting button with hole Hydro	1023969

Pos.Type	Anz.	Artikel	Description	Best.Nr.
Pos.Type	No.of			Code No.
		Hydro Anbauantrieb	Hydro add-on drive unit	
070 A-D, I	1,000	Skalenscheibe HP2 64bar	scale wheel HP2 64bar	1005194
070 E-H, K	1,000	Skalenscheibe HP2 25bar	scale wheel HP2 25bar	1005634
070 L - P	1,000	Skalenscheibe HP2 100bar	scale wheel HP2 100bar	1022815
071 A-P	1,000	Skalenplatte HP2	scale disk HP2	1005196
072 A-P	1,000	Zyl.Schraube DIN 912 M 5x 30 A2	Cyl.screw DIN 912 M 5x 30 A2	468008
073 A-P	2,000	PT-Schraube WN1451 K 25x10 verz	PT-screw WN1451 K 25x10 verz	1002162
074 A-D, I	1,000	Druckbegrenzungsventil kpl. 64bar Hydro	pressure control valve cpl. 64bar Hydro	1004711
074 E - H, K	1,000	Druckbegrenzungsventil kpl. 25bar Hydro	pressure control valve cpl. 25bar Hydro	1004710
074 L - P	1,000	Druckbegrenzungsventil kpl. 100bar Hydro	pressure control valve cpl. 100bar Hydro	1022732
074 Sonderausführung	1,000	Druckbegrenzungsventil kpl. 16bar Hydro	pressure control valve cpl. 16bar Hydro	1004697
074 Sonderausführung	1,000	Druckbegrenzungsventil kpl. 10bar Hydro	pressure control valve cpl. 10bar Hydro	1022728
074 Sonderausführung	1,000	Druckbegrenzungsventil kpl. 40bar Hydro	pressure control valve cpl. 40bar Hydro	1022730
075 A-P	1,000	Verschlußschrb.DIN 908 G 1/8A 1.4305	Hexagon plug DIN 908 G 1/8A 1.4305	1004802
076 A-P	1,000	Dichtung d13.5xd10x1mm Kupfer	Gasket d13.5xd10x1mm Kupfer	1004803
088 A-P	1,000	Lagerdeckel-Anbau HP2	bearing lid-add on HP2	1005320
089 A-P	4,000	Senkschraube DIN 7991 M 6x16 verz.	Cntrsunk screw DIN 7991 M 6x16 galv.	1007514
091 A-P	1,000	O-Ring 72.00 - 2.50 NBR	O-ring 72.00 - 2.50 NBR	1004035
096 A-P, "API"	1,000	Rändelschraubenkopf PA schwarz M5	screw handle PA black M5	1003323
097 A-P, "API"	1,000	Feststellschraube Hydro	Set screw Hydro	1023970
098 A-P, "API"	1,000	O-Ring 16.30 - 2.40 NBR	O-ring 16.30 - 2.40 NBR	740803
100 A-P	2,000	Flansch kpl. 3/4"-DN10 PN100/DIN 2637 SS	Flange cpl. 3/4"-DN10 PN100/DIN 2637 SS	1006005
101 A-P	2,000	Flansch kpl.DN1/2" DN10 ANSI 1500lbs SS	Flange cpl. DN1/2" DN10 ANSI 1500lbs SS	1006015
101 A-P	2,000	Flansch kpl.DN1/2" DN10 ANSI 1500lbs HC	Flange cpl. DN1/2" DN10 ANSI 1500lbs HC	1021175
103 A-P	1,000	Typenschild Motorpumpen	type plate motor pumps	1005669
104 A-P	2,000	Kernnagel DIN 1476 3x10 A2	Grooved pin DIN 1476 3x10 A2	469341
105 A-P	2,500	Getriebeöl Mobilube 1 SHC 75W-90	Oil mobilube 1 SHC 75W-90	1005823
105 A-P	3,000	Getriebeöl Mobilube 1SHC 75W-90 1 Liter	Oil mobilgear 1SHC 75W-90 1 Liter	1006010
105 A-P	2,500	Getriebeöl Aral Eural Gear 220	Oil Aral Eural Gear 220	1007610
105 A-P	3,000	Getriebeöl Aral Eural Gear 220 1 Liter	Oil Aral Eural Gear 220 1 Liter	1007664
106 A-P	1,000	Kappe D 13/4.2x2.5 PE schwarz	Cap D 13/4.2x2.5 PE schwarz	1005886
107 A-P	1,000	Federring ehemals DIN 7980 6 A2	Spring washer formerly DIN 7980 6 A2	462456
140 A-P	2,000	O-Ring 25.00 - 3.00 NBR	O-ring 25.00 - 3.00 NBR	480224
141 A-P	1,000	Verbind. Flansch Stellm. Hydro	Conn. flange servo motor Hydro	1005885
142 A-P	1,000	Stellantrieb Hydro 115V/60Hz	Servomotor Hydro 115V/60Hz	1006404
142 A-P	1,000	Stellantrieb Hydro 230V/50Hz	Servomotor Hydro 230V/50Hz	1006405
142 A-P	1,000	Regelantr. Hydro 0/4-20mA 115V/60Hz	Servomot. Hydro 0/4-20mA 115V/60Hz	1006406
142 A-P	1,000	Regelantr. Hydro 0/4-20mA 230V/50Hz	Servomot. Hydro 0/4-20mA 230V/50Hz	1006407
142 A-P	1,000	Regelantr. Hydro 0/4-20mA 115V/60Hz II	Servomot. Hydro 0/4-20mA 115V/60Hz II	1024822
142 A-P	1,000	Regelantr. Hydro 0/4-20mA 230V/50Hz II	Servomot. Hydro 0/4-20mA 230V/50Hz II	1024824
143 A-P	6,000	Sechsk.Schrb. EN 24017 M 6x 16 A2	Hexagon screw EN 24017 M 6x 16 A2	468210
144 A-P	6,000	Scheibe DIN 125 A 6.4 A2	Washer DIN 125 A 6.4 A2	462219
145 A-P	1,000	Ind.Näh.Schalter NI1,5-8GM-N-Y	Approximate switch	710252
150 A-P #A	2,000	Flansch ANSI B16.5 1/2"-10 1.4571 1500lb	Flange ANSI B16.5 1/2"-10 1.4571 1500lb	1006012
150 A-P #D	2,000	Flansch E DN 10x 17,2 DIN 2637 1.4571	Flange E DN 10x 17,2 DIN 2637 1.4571	1006003
151 A-P #D #A	2,000	Überwurfmutter G 3/4 DN10 S	Union nut G 3/4 DN10 S	805270
152 A-P #A	2,000	Flachdichtung 22x61x2 PN63-160 Graphit S	Gasket 22x61x2 PN63-160 Graphit SS	1006501
152 A-P #D	2,000	Flachdichtung 18x56x2 PN63-160 Graphit S	Gasket 18x56x2 PN63-160 Graphit S	1006500
153 A-P #A	2,000	Einlegeteil Flansch 1/2" (DN10) ANSI SS	Insert for flange 1/2" (DN10) ANSI SS	1006011
153 A-P #D	2,000	Einlegeteil gerillt f.Flansch DN10 S	Insert grooved f. flange DN10 S	1006000
154 A-P #D #A	2,000	Scheibe d 23.5/ d 12.1x1.5 PTFE	Disc d 23.5/ d 12.1x1.5 PTFE	792882
156 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 30 A2	Hexagon screw EN 24017 M 8x 30 A2	468115

Pos.Type Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
		Hydro Anbauantrieb	Hydro add-on drive unit	
157 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
158 A-P	1,000	Passfeder DIN 6885 A 8x 7x 26 St50-1K	Fitting key DIN 6885 A 8x 7x 26 St50-1K	463614
159 A-P	1,000	Wellendichtring A 28x47X7-NB DIN 3760	shaft sealing ring A 28X47X7-NB DIN3760	1006643
164 A-P	1,000	Motordeckel-Anbau Hydro	motor lid-add on Hydro	1005324
176 A-P	1,000	Heizpatrone 120 W Ex	heating cartridge 120 W Ex	1026622
176 A-P	1,000	Heizpatrone 120 W mit PTC	heating cartridge 120 W w. PTC	1026399
177 A-P	1,000	Dichtung d18xd24x1,5 DIN7603 A Cu	Gasket d18xd24x1,5 DIN7603 A copper	1026447
177 A-P	1,000	Dichtung d27xd32x2 DIN7603 A Cu	Gasket d28xd34x1,8 DIN7603 A copper	1026555
179 A-P	1,000	\$Temperaturregler für Heizpatrone EX	\$regulator for cartridge heater EX	1026541
180 A-P	1,000	Abdeckschutz Heizpatrone Ex	cover cartridge heater Ex	1026556
181 A-P	1,000	O-Ring 36.00 - 2.00 NBR	O-ring 36.00 - 2.00 NBR	790400
182 A-D, I	1,000	Kolbenführung HP2 d=18	piston guide HP2 d=18	1024085
182 E-H, K	1,000	Kolbenführung HP2 d=26	piston guide HP2 d=26	1024086
182 L-P	1,000	Kolbenführung HP2 d=16	piston guide HP2 d=16	1024084

Bezeichnung: Hydro Anbauantrieb Doppelkopf
Description: Hydro add-on drive unit- 2 heads

ETL-Nr: 61_02-104_00_16-14
Version: 05

erstellt: BONIN am: 30.11.2000
geändert: BONIN am: 29.09.2006
geprüft: ARNOLD am:

Mitteilungsnummer: 04034

Zugeh.ZNr: 61_02-104_00_12-03
61_02-104_00_04-03

Bemerkung:

A= 064022
B= 064018
C= 064015
D= 064007
E= 025060
F= 025048
G= 025040
H= 025019
I= 064025
K= 025068
L= 100010
M= 100009
N= 100007
O= 100006
P= 100003
= in Pos. 3 enthalten
= in Pos. 74 enthalten
#D = in Pos.100 enthalten
#A = in Pos.101 enthalten
= included in pos. 3
= included in pos. 74
#D = included in pos.100
#A = included in pos.101

Pos.Type	Anz.	Artikel	Description	Best.Nr.
Pos.Type	No.of			Code No.
		Hydro Anbauantrieb Doppelkopf	Hydro add-on drive unit- 2 heads	
002 A-P	1,000	Guss-Gehäuse Fertigteil-Anbau HP2	Cast-housing finished part-add on HP2	1006644
003 A-P	1,000	Exzenterwelle kpl. Anbau HP2	eccentric shaft cpl. add-on HP2	1007222
005 A-P #	1,000	Abstandshülse HP2	Spacing sleeve HP2	1006639
008 A-P	1,000	Hubeinstelldeckel HP2 links	Stroke adjust lid HP2 left	1005318
008 A-P	1,000	Hubeinstelldeckel HP2 rechts	Stroke adjust lid HP2 right	1005319
009 A-P	2,000	Hydraulikflansch HP2	hydraulic flange HP2	1024090
010 A-P	2,000	Hydraulikdeckel Hydro 1.4305	hydraulic lid Hydro 1.4305	1003942
011 A-D, I	2,000	Kolben d18 x 175 HP2	piston d18 x 175 HP2	1003951
011 E-H, K	2,000	Kolben d26 x 175 HP2	piston d26 x 175 HP2	1003952
011 L - P	2,000	Kolben d16 x 175 HP2	piston d16 x 175 HP2	1021345
012 A-P	2,000	Druckfeder HP2 100N OTEVA 70	Com.spring HP2 100N OTEVA 70	1004775
013 A-H, I, K	2,000	Federteller Hydro	spring plate Hydro	1004404
013 L - P	2,000	Federteller Hydro Version: 100bar	spring plate Hydro Version: 100bar	1022806
016 A-P #	1,000	Rillenkugellager 6006 SKF	Deep groove ball bear 6006 SKF	405911

Pos.Type Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
		Hydro Anbauantrieb Doppelkopf	Hydro add-on drive unit- 2 heads	
017 A-P #	1,000	Rillenkugellager 6306 SKF/INA	Deep groove ball bear. 6306 SKF/INA	1003928
018 A-P #	1,000	Nadellager NK45/20 SKF/INA	Needle bear. NK45/20 SKF/INA	1003934
019 A-P #	2,000	Paßscheibe DIN 988 45x55x1	Shim ring DIN 988 45x55x1	1004024
021 A-P #	2,000	Sicherungsring DIN 471 45x1.75 F.st.	Snap ring DIN 471 45x1.75 s.st.	1004030
028 A-P #	1,000	Exzenterwelle-Anbau Hub 15mm HP2	Excentric shaft-add on str.15mm HP2	1005322
030 A-P	8,000	Gewindebolzen HP3 M8x100 A2/80	bolt HP3 M8x100 A2/80	1004040
031 A-P	8,000	Hutmutter DIN 1587 M 8 verz.	Cap nut DIN 1587 M 8 galv.	468308
032 A-P	8,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
033 A-P	2,000	O-Ring 135.00 - 2.50 NBR	O-ring 135.00 - 2.50 NBR	1004033
034 A-P	2,000	Hubeinstellachse HP2 9S20k	stroke adjust axle HP2 9S20k	1004408
035 A-P	2,000	O-RING 7.00 - 2.00 NBR	O-ring 7.00 - 2.00 NBR	480307
036 A-P	2,000	Sicherungsscheibe DIN 6799 8 F.st.	Retaining washer DIN 6799 8 s.st.	1006794
037 A-P	2,000	Kolbenmuffe kpl Hydro	piston sleeve cpl Hydro	1004405
038 A-P	2,000	Führungsband d14x2 Hydro	sliding band d14x2 Hydro	1003943
040 A-P	2,000	Zylinderstift DIN 7 4m6x14 A4	Cylinder pin DIN 7 4m6x14 A4	460714
041 A-P	2,000	O-Ring 110.00 - 3.00 NBR	O-ring 110.00 - 3.00 NBR	480284
042 A-P	8,000	Zyl.Schraube DIN 7984 M 6x 10 A2	Cyl.screw DIN 7984 M 6x 10 A2	468086
043 A-P	2,000	O-Ring 71.00 - 3.00 NBR	O-ring 71.00 - 3.00 NBR	1004039
045 A-P ###	2,000	O-Ring/M 12.37 - 2.62 FPM-A	O-ring/m 12.37 - 2.62 FPM-A	481012
046 A-P ###	2,000	Kugelsitz d9.2 DBV Hydro 1.4305	ball seat d9.2 pcv Hydro 1.4305	1004699
047 A-P ###	2,000	Ventilkugel 9.2 mm Al2 03	Valve ball 9.2 mm Al2 03	404281
048 A-P ###	2,000	Spindel DBV Hydro 1.4305	spindle pcv Hydro 1.4305	1004700
049 A-P ###	2,000	Federsitz d15,5 DBV Hydro	Spring seat d15,5 pcv Hydro	1004701
050 A-D, I ###	2,000	Druckf.d2.25/L109 DBV64bar Hydro OTEVA70	Com.sp.d2.25/L109 DBV64bar Hydro OTEVA70	1004705
050 E-H, K ###	2,000	Druckf.d1.7/L120 DBV-25bar Hydro OTEVA70	Com.sp.d1.7/L120 DBV-25bar Hydro OTEVA70	1004704
050 L -P ###	2,000	Druckfeder D2,4/L123 OTEVA 70	Pres.springD2,4/L123 OTEVA 70	1022727
051 A-D, I ###	2,000	Distanzscheibe 20x15,6x2 DBV Hydro	Distance plate 20x15,6x2 pcv Hydro	1006307
051 E-H, K ###	2,000	Distanzscheibe 20x15,6x6 DBV Hydro	Distance plate 20x15,6x6 pcv Hydro	1005894
052 A-P ###	2,000	Federsitz d15,5x9 DBV Hydro	Spring seat d15,5x9 pcv hydro	1004702
053 A-P ###	2,000	O-Ring 8.00 - 2.00 NBR	O-ring 8.00 - 2.00 NBR	480312
054 A-P ###	2,000	O-Ring/M 28.00 - 2.00 FPM-A	O-ring/m 28.00 - 2.00 FPM-A	481038
055 A-P ###	2,000	Ventilkörper DBV Hydro 1.4301	Valve body pcv Hydro 1.4301	1004698
056 A-P ###	2,000	DU-Buchse 8x10x 8 MB 0808 DU	Bushing 8x10x 8 MB 0808 DU	469508
057 A-P ###	2,000	Rändelmutter M6 x 24 PA6.6	Nut M6 x 24 PA6.6	1004706
058 A-P ###	2,000	Hutmutter DIN 1587 M 6 verz.	Cap nut DIN 1587 M 6 galv.	468306
062 A-P	1,000	Flachdtg. 158x112x0.5 Abil	Gasket 158x112x0.5 Abil	1004543
064 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 16 A2	Hexagon screw EN 24017 M 8x 16 A2	1007199
064 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 20 A2	Hexagon screw EN 24017 M 8x 20 A2	792475
065 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
066 A-P	1,000	Verschlußschrb. m. Entl.3/8"schw	Screwing w. Vetilat. 3/8" black	740671
067 A-P	2,000	Verschlußschraube G3/8"schw.PA12	Screwing G3/8"blac.PA12	740646
067 A-P, "API"	2,000	Verschlußschr. m. Bund G3/8 Messing	Screwing w. shoulder G3/8 brass	1022066
068 A-P	1,000	Ölschauglas G3/8"-PA12 Transpar.	Oil sight glass G3/8"-PA12	740672
068 A-P, "API"	1,000	Ölschauglas GN 743-11-G3/8-B	Oil sight glass GN 743-11-G3/8-B	1022065
069 A-P	2,000	Hubeinstellknopf Hydro	Stroke adjusting button Hydro	1005182
069 A-P, "API"	2,000	Hubeinstellknopf mit Bohrung Hydro	Stroke adjusting button with hole Hydro	1023969
070 A-D, I	2,000	Skalenscheibe HP2 64bar	scale wheel HP2 64bar	1005194
070 E-H, K	2,000	Skalenscheibe HP2 25bar	scale wheel HP2 25bar	1005634
070 L - P	2,000	Skalenscheibe HP2 100bar	scale wheel HP2 100bar	1022815
071 A-P	2,000	Skalenplatte HP2	scale disk HP2	1005196
072 A-P	2,000	Zyl.Schraube DIN 912 M 5x 30 A2	Cyl.screw DIN 912 M 5x 30 A2	468008

Pos.Type Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
		Hydro Anbauantrieb Doppelkopf	Hydro add-on drive unit- 2 heads	
073 A-P	4,000	PT-Schraube WN1451 K 25x10 verz	PT-screw WN1451 K 25x10 verz	1002162
074 A-D, I	2,000	Druckbegrenzungsventil kpl. 64bar Hydro	pressure control valve cpl. 64bar Hydro	1004711
074 E-H, K	2,000	Druckbegrenzungsventil kpl. 25bar Hydro	pressure control valve cpl. 25bar Hydro	1004710
074 L - P	2,000	Druckbegrenzungsventil kpl. 100bar Hydro	pressure control valve cpl. 100bar Hydro	1022732
074 Sonderausführung	2,000	Druckbegrenzungsventil kpl. 40bar Hydro	pressure control valve cpl. 40bar Hydro	1022730
074 Sonderausführung	2,000	Druckbegrenzungsventil kpl. 10bar Hydro	pressure control valve cpl. 10bar Hydro	1022728
074 Sonderausführung	2,000	Druckbegrenzungsventil kpl. 16bar Hydro	pressure control valve cpl. 16bar Hydro	1004697
075 A-P	2,000	Verschlußschrb.DIN 908 G 1/8A 1.4305	Hexagon plug DIN 908 G 1/8A 1.4305	1004802
076 A-P	2,000	Dichtung d13.5xd10x1mm Kupfer	Gasket d13.5xd10x1mm Kupfer	1004803
088 A-P	1,000	Lagerdeckel-Anbau HP2	bearing lid-add on HP2	1005320
089 A-P	4,000	Senkschraube DIN 7991 M 6x16 verz.	Cntrsunk screw DIN 7991 M 6x16 galv.	1007514
091 A-P	1,000	O-Ring 72.00 - 2.50 NBR	O-ring 72.00 - 2.50 NBR	1004035
096 A-P, "API"	2,000	Rändelschraubenkopf PA schwarz M5	screw handle PA black M5	1003323
097 A-P, "API"	2,000	Feststellschraube Hydro	Set screw Hydro	1023970
098 A-P, "API"	2,000	O-Ring 16.30 - 2.40 NBR	O-ring 16.30 - 2.40 NBR	740803
100 A-P	4,000	Flansch kpl. 3/4"-DN10 PN100/DIN 2637 SS	Flange cpl. 3/4"-DN10 PN100/DIN 2637 SS	1006005
101 A-P	4,000	Flansch kpl.DN1/2" DN10 ANSI 1500lbs HC	Flange cpl. DN1/2" DN10 ANSI 1500lbs HC	1021175
101 A-P	4,000	Flansch kpl.DN1/2" DN10 ANSI 1500lbs SS	Flange cpl. DN1/2" DN10 ANSI 1500lbs SS	1006015
103 A-P	1,000	Typenschild Motorpumpen	type plate motor pumps	1005669
104 A-P	2,000	Kerbnagel DIN 1476 3x10 A2	Grooved pin DIN 1476 3x10 A2	469341
105 A-P	3,000	Getriebeöl Mobilube 1 SHC 75W-90	Oil mobilube 1 SHC 75W-90	1005823
105 A-P	3,000	Getriebeöl Mobilube 1SHC 75W-90 1 Liter	Oil mobilgear 1SHC 75W-90 1 Liter	1006010
105 A-P	3,000	Getriebeöl Aral Eural Gear 220	Oil Aral Eural Gear 220	1007610
105 A-P	3,000	Getriebeöl Aral Eural Gear 220 1 Liter	Oil Aral Eural Gear 220 1 Liter	1007664
106 A-P	2,000	Kappe D 13/4.2x2.5 PE schwarz	Cap D 13/4.2x2.5 PE schwarz	1005886
107 A-P	2,000	Federring ehemals DIN 7980 6 A2	Spring washer formerly DIN 7980 6 A2	462456
140 A-P	4,000	O-Ring 25.00 - 3.00 NBR	O-ring 25.00 - 3.00 NBR	480224
141 A-P	2,000	Verbind. Flansch Stellm. Hydro	Conn. flange servo motor Hydro	1005885
142 A-P	2,000	Regelantr. Hydro 0/4-20mA 230V/50Hz II	Servomot. Hydro 0/4-20mA 230V/50Hz II	1024824
142 A-P	2,000	Regelantr. Hydro 0/4-20mA 115V/60Hz II	Servomot. Hydro 0/4-20mA 115V/60hz II	1024822
142 A-P	2,000	Regelantr. Hydro 0/4-20mA 230V/50Hz	Servomot. Hydro 0/4-20mA 230V/50Hz	1006407
142 A-P	2,000	Regelantr. Hydro 0/4-20mA 115V/60Hz	Servomot. Hydro 0/4-20mA 115V/60hz	1006406
142 A-P	2,000	Stellantrieb Hydro 230V/50Hz	Servomotor Hydro 230V/50Hz	1006405
142 A-P	2,000	Stellantrieb Hydro 115V/60Hz	Servomotor Hydro 115V/60Hz	1006404
143 A-P	12,000	Sechsk.Schrb. EN 24017 M 6x 16 A2	Hexagon screw EN 24017 M 6x 16 A2	468210
144 A-P	12,000	Scheibe DIN 125 A 6.4 A2	Washer DIN 125 A 6.4 A2	462219
145 A-P	1,000	Ind.Näh.Schalter NI1,5-8GM-N-Y	Approximate switch	710252
150 A-P #A	4,000	Flansch ANSI B16.5 1/2"-10 1.4571 1500lb	Flange ANSI B16.5 1/2"-10 1.4571 1500lb	1006012
150 A-P #D	4,000	Flansch E DN 10x 17,2 DIN 2637 1.4571	Flange E DN 10x 17,2 DIN 2637 1.4571	1006003
151 A-P #D #A	4,000	Überwurfmutter G 3/4 DN10 S	Union nut G 3/4 DN10 S	805270
152 A-P #A	4,000	Flachdichtung 22x61x2 PN63-160 Graphit S	Gasket 22x61x2 PN63-160 Graphit SS	1006501
152 A-P #D	4,000	Flachdichtung 18x56x2 PN63-160 Graphit S	Gasket 18x56x2 PN63-160 Graphit S	1006500
153 A-P #A	4,000	Einlegeteil Flansch 1/2" (DN10) ANSI SS	Insert for flange 1/2" (DN10) ANSI SS	1006011
153 A-P #D	4,000	Einlegeteil gerillt f.Flansch DN10 S	Insert grooved f. flange DN10 S	1006000
154 A-P #D #A	4,000	Scheibe d 23.5/ d 12.1x1.5 PTFE	Disc d 23.5/ d 12.1x1.5 PTFE	792882
156 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 30 A2	Hexagon screw EN 24017 M 8x 30 A2	468115
157 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
158 A-P	1,000	Passfeder DIN 6885 A 8x 7x 26 St50-1K	Fitting key DIN 6885 A 8x 7x 26 St50-1K	463614
159 A-P	1,000	Wellendichtring A 28x47X7-NB DIN 3760	shaft sealing ring A 28X47X7-NB DIN3760	1006643
164 A-P	1,000	Motordeckel-Anbau Hydro	motor lid-add on Hydro	1005324
181 A-P	2,000	O-Ring 36.00 - 2.00 NBR	O-ring 36.00 - 2.00 NBR	790400

Pos.Type Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
Hydro Anbauantrieb Doppelkopf			Hydro add-on drive unit- 2 heads	
182 A-D, I	2,000	Kolbenführung HP2 d=18	piston guide HP2 d=18	1024085
182 E-H, K	2,000	Kolbenführung HP2 d=26	piston guide HP2 d=26	1024086
182 L-P	2,000	Kolbenführung HP2 d=16	piston guide HP2 d=16	1024084

Bezeichnung: Hydro Antrieb
Description: Hydro drive unit

ETL-Nr: 61_02-104_00_05-14
Version: 09

erstellt: BONIN am: 06.10.2000
geändert: ARNOLD am: 03.03.2006
geprüft: ARNOLD am: 03.03.2006

Mitteilungsnummer: 03143

Zugeh.ZNr: 61_02-104_00_01-03
61_02-104_00_03-03
61_02-104_00_04-03

Bemerkung:

A= 064022
B= 064018
C= 064015
D= 064007
E= 025060
F= 025048
G= 025040
H= 025019
I= 064025
K= 025068
L= 100010
M= 100009
N= 100007
O= 100006
P= 100003
= in Pos. 3 enthalten # = included in pos. 3
= in Pos. 4 enthalten ## = included in pos. 4
= in Pos. 74 enthalten ### = included in pos. 74
#D = in Pos.100 enthalten #D = included in pos.100
#A = in Pos.101 enthalten #A = included in pos.101

Pos.Type	Anz.	Artikel	Description	Best.Nr.
Pos.Type	No.of			Code No.
Hydro Antrieb			Hydro drive unit	
002 A-P	1,000	Guss-Gehäuse Fertigteil HP2	Cast-housing finished part HP2	1003840
002 A-P	1,000	Guss-Gehäuse Fertig. neutral HP2	Cast-housing finish. neutral HP2	1005758
003 A, E, M	1,000	Exzenterwelle kpl. 8:1 HP2	eccentric shaft cpl. 8:1 HP2	1005644
003 B, F, N	1,000	Exzenterwelle kpl. 10:1 HP2	eccentric shaft cpl. 10:1 HP2	1005645
003 C, G, O	1,000	Exzenterwelle kpl. 12:1 HP2	eccentric shaft cpl. 12:1 HP2	1005646
003 D, H, P	1,000	Exzenterwelle kpl. 25:1 HP2	eccentric shaft cpl. 25:1 HP2	1005647
003 I, L, K	1,000	Exzenterwelle kpl. 7:1 HP2	eccentric shaft cpl. 7:1 HP2	1022820
004 A, E, M	1,000	Schneckenwelle kpl. 8:1 Hydro HP2	worm shaft cpl. 8:1 Hydro HP2	1005652
004 B, F, N	1,000	Schneckenwelle kpl. 10:1 Hydro HP2	worm shaft cpl. 10:1 Hydro HP2	1005653
004 C, G, O	1,000	Schneckenwelle kpl. 12:1 Hydro HP2	worm shaft cpl. 12:1 Hydro HP2	1005654
004 D, H, P	1,000	Schneckenwelle kpl. 25:1 Hydro HP2	worm shaft cpl. 25:1 Hydro HP2	1005655
004 I, K, L	1,000	Schneckenwelle kpl. 7:1 Hydro HP2	worm shaft cpl. 7:1 Hydro HP2	1022822
005 A, E, M #	1,000	Schneckenrad I=1:8 HP2	Worm wheel I=1:8 HP2	1003534
005 B, F, N #	1,000	Schneckenrad I=1:10 HP2	Worm wheel I=1:10 HP2	1003535
005 C, G, O #	1,000	Schneckenrad I=1:12 HP2	Worm wheel I=1:12 HP2	1003536
005 D, H, P #	1,000	Schneckenrad I=1:25 HP2	Worm wheel I=1:25 HP2	1003537

Pos.Type Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
		Hydro Antrieb	Hydro drive unit	
005 I, K, L #	1,000	Schneckenrad I=1:7 HP2	Worm wheel I=1:7 HP2	1022819
007 A-P	1,000	Gehäusedeckel HP2	housing lid HP2	1003947
007 A-P	1,000	Gehäusedeckel HP2 für Heizelement	housing lid HP2 for heating cartridge	1026402
007 A-P	1,000	Gehäusedeckel HP2 für Heizelement Ex	housing lid HP2 for heating cartridge Ex	1026652
008 A-P	1,000	Hubeinstelldeckel HP2	Stroke adjust lid HP2	1003938
009 A-P	1,000	Hydraulikflansch HP2	hydraulic flange HP2	1024090
010 A-P	1,000	Hydraulikdeckel Hydro 1.4305	hydraulic lid Hydro 1.4305	1003942
011 A-D, I	1,000	Kolben d18 x 175 HP2	piston d18 x 175 HP2	1003951
011 E-H, K	1,000	Kolben d26 x 175 HP2	piston d26 x 175 HP2	1003952
011 L - P	1,000	Kolben d16 x 175 HP2	piston d16 x 175 HP2	1021345
012 A-P	1,000	Druckfeder HP2 100N OTEVA 70	Com.spring HP2 100N OTEVA 70	1004775
013 A-H, I, K	1,000	Federteller Hydro	spring plate Hydro	1004404
013 L - P	1,000	Federteller Hydro Version: 100bar	spring plate Hydro Version: 100bar	1022806
014 A-P ##	1,000	Rillenkugellager 6204 SKF	Deep groove ball bear. 6204 SKF	1003512
015 A-P ##	1,000	Rillenkugellager 6005-2RS1 SKF	Deepgroov.bal.bear.6005-2RS1 SKF	1003929
016 A-P #	1,000	Rillenkugellager 6006 SKF	Deep groove ball bear 6006 SKF	405911
017 A-P #	1,000	Rillenkugellager 6306 SKF/INA	Deep groove ball bear. 6306 SKF/INA	1003928
018 A-P #	1,000	Nadellager NK45/20 SKF/INA	Needle bear. NK45/20 SKF/INA	1003934
019 A-P #	2,000	Paßscheibe DIN 988 45x55x1	Shim ring DIN 988 45x55x1	1004024
020 A-P	1,000	Paßscheibe PS 41X50X1	Adj.washer PS 41X50X1	1004027
021 A-P #	2,000	Sicherungsring DIN 471 45x1.75 F.st.	Snap ring DIN 471 45x1.75 s.st.	1004030
022 A-P	1,000	Sicherungsring DIN 472 50x2 F.st.	Snap ring DIN 472 50x2 s.st.	1004031
023 A-P	1,000	O-Ring 46.00 - 2.00 NBR	O-ring 46.00 - 2.00 NBR	1004032
024 A-P	1,000	O-Ring 135.00 - 2.50 NBR	O-ring 135.00 - 2.50 NBR	1004033
025 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 25 verz.	Hexagon screw EN 24017 M 8x 25 galv.	468113
026 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
027 A, E, M ##	1,000	Schneckenwelle I= 1: 8 HP2	Worm shaft I= 1: 8 HP2	1003526
027 B, F, N ##	1,000	Schneckenwelle I= 1:10 HP2	Worm shaft I= 1:10 HP2	1003527
027 C, G, O ##	1,000	Schneckenwelle I= 1:12 HP2	Worm shaft I= 1:12 HP2	1003528
027 D, H, P ##	1,000	Schneckenwelle I= 1:25 HP2	Worm shaft I= 1:25 HP2	1003529
027 I, L, K ##	1,000	Schneckenwelle I= 1: 7 HP2	Worm shaft I= 1: 7 HP2	1022818
028 A-P #	1,000	Exzenterwelle Hub 15mm HP2	Excentric shaft str.15mm HP2	1003524
030 A-P	4,000	Gewindebolzen HP3 M8x100 A2/80	bolt HP3 M8x100 A2/80	1004040
031 A-P	4,000	Hutmutter DIN 1587 M 8 verz.	Cap nut DIN 1587 M 8 galv.	468308
032 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
033 A-P	1,000	O-Ring 135.00 - 2.50 NBR	O-ring 135.00 - 2.50 NBR	1004033
034 A-P	1,000	Hubeinstellachse HP2 9S20k	stroke ajust axle HP2 9S20k	1004408
035 A-P	1,000	O-RING 7.00 - 2.00 NBR	O-ring 7.00 - 2.00 NBR	480307
036 A-P	1,000	Sicherungsscheibe DIN 6799 8 F.st.	Retaining washer DIN 6799 8 s.st.	1006794
037 A-P	1,000	Kolbenmuffe kpl Hydro	piston sleeve cpl Hydro	1004405
038 A-P	1,000	Führungsband d14x2 Hydro	sliding band d14x2 Hydro	1003943
040 A-P	1,000	Zylinderstift DIN 7 4m6x14 A4	Cylinder pin DIN 7 4m6x14 A4	460714
041 A-P	1,000	O-Ring 110.00 - 3.00 NBR	O-ring 110.00 - 3.00 NBR	480284
042 A-P	4,000	Zyl.Schraube DIN 7984 M 6x 10 A2	Cyl.screw DIN 7984 M 6x 10 A2	468086
043 A-P	1,000	O-Ring 71.00 - 3.00 NBR	O-ring 71.00 - 3.00 NBR	1004039
044 A-P #	1,000	Passfeder DIN 6885 A 8x 7x 18 C45+C	Fitting key DIN 6885 A 8x 7x 18 C45K	1004208
045 A-P ###	1,000	O-Ring/M 12.37 - 2.62 FPM-A	O-ring/m 12.37 - 2.62 FPM-A	481012
046 A-P ###	1,000	Kugelsitz d9.2 DBV Hydro 1.4305	ball seat d9.2 pcv Hydro 1.4305	1004699
047 A-P ###	1,000	Ventilkugel 9.2 mm A12 03	Valve ball 9.2 mm A12 03	404281
048 A-P ###	1,000	Spindel DBV Hydro 1.4305	spindle pcv Hydro 1.4305	1004700
049 A-P ###	1,000	Federsitz d15,5 DBV Hydro	Spring seat d15,5 pcv Hydro	1004701

Pos.Type Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
		Hydro Antrieb	Hydro drive unit	
050 A-D, I ###	1,000	Druckf.d2.25/L109 DBV64bar Hydro OTEVA70	Com.sp.d2.25/L109 DBV64bar Hydro OTEVA70	1004705
050 E-H, K ###	1,000	Druckf.d1.7/L120 DBV-25bar Hydro OTEVA70	Com.sp.d1.7/L120 DBV-25bar Hydro OTEVA70	1004704
050 L - P ###	1,000	Druckfeder D2,4/L123 OTEVA 70	Pres.springD2,4/L123 OTEVA 70	1022727
051 A-D, I ###	1,000	Distanzscheibe 20x15,6x2 DBV Hydro	Distance plate 20x15,6x2 pcV Hydro	1006307
051 E-H, K - P ###	1,000	Distanzscheibe 20x15,6x6 DBV Hydro	Distance plate 20x15,6x6 pcV Hydro	1005894
052 A-P ###	1,000	Federsitz d15,5x9 DBV Hydro	Spring seat d15,5x9 pcV hydro	1004702
053 A-P ###	1,000	O-Ring 8.00 - 2.00 NBR	O-ring 8.00 - 2.00 NBR	480312
054 A-P ###	1,000	O-Ring/M 28.00 - 2.00 FPM-A	O-ring/m 28.00 - 2.00 FPM-A	481038
055 A-P ###	1,000	Ventilkörper DBV Hydro 1.4301	Valve body pcV Hydro 1.4301	1004698
056 A-P ###	1,000	DU-Buchse 8x10x 8 MB 0808 DU	Bushing 8x10x 8 MB 0808 DU	469508
057 A-P ###	1,000	Rändelmutter M6 x 24 PA6.6	Nut M6 x 24 PA6.6	1004706
058 A-P ###	1,000	Hutmutter DIN 1587 M 6 verz.	Cap nut DIN 1587 M 6 galv.	468306
061 A-P	1,000	Mot.RAL2003 0.37KW 4p 230/400V-2 50/60Hz	Mot.RAL2003 0.37KW 4p 230/400V-2 50/60Hz	1003455
061 A-P	1,000	Mot.RAL2003 0.37kW 4p 230V-2 3x regelb.	Mot.RAL2003 0.37kW 4p 230V-2 3x var.sp.	1006017
061 A-P	1,000	Mot.RAL2003 Exe0.37KW 4p 230/400V-2 50Hz	Mot.RAL2003 Exe0.37KW 4p 230/400V-2 50Hz	1006019
061 A-P	1,000	Mot.RAL2003 Exe0.37KW 4p 265/460V-2 60Hz	Mot.RAL2003 Exe0.37KW 4p 265/460V-2 60Hz	1006021
061 A-P	1,000	Mot.RAL2003 Exd0.37KW 4p 230/400V-2 50Hz	Mot.RAL2003 Exd0.37KW 4p 230/400V-2 50Hz	1006023
061 A-P	1,000	Mot.RAL2003 Exd0.37KW 4p 266/460V-2 60Hz	Mot.RAL2003 Exd0.37KW 4p 266/460V-2 60Hz	1006025
061 A-P	1,000	Mot.RAL2003 0.37kW 1p 230V FU 50/60Hz	Mot.RAL2003 0.37kW 1p 230V FU 50/60Hz	1008569
061 A-P	1,000	Motor RAL2003 Exde 0.55 kW 4p 400V FU	Motor RAL2003 Exde 0.55 kW 4p 400V FU	1024392
062 A-P	1,000	Flachdtg. 158x112x0.5 Abil	Gasket 158x112x0.5 Abil	1004543
063 A-P	1,000	Verbindungshülse HP2	Conn.bushing HP2	1002878
064 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 16 A2	Hexagon screw EN 24017 M 8x 16 A2	1007199
064 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 20 A2	Hexagon screw EN 24017 M 8x 20 A2	792475
065 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
066 A-P	1,000	Verschlußschrb. m. Entl.3/8"schw	Screwing w. Vetilat. 3/8" black	740671
067 A-P	1,000	Verschlußschraube G3/8"schw.PA12	Screwing G3/8"blac.PA12	740646
067 A-P, "API"	1,000	Verschlußschr. m. Bund G3/8 Messing	Screwing w. shoulder G3/8 brass	1022066
068 A-P	1,000	Ölschauglas G3/8"-PA12 Transpar.	Oil sight glass G3/8"-PA12	740672
068 A-P, "API"	1,000	Ölschauglas GN 743-11-G3/8-B	Oil sight glass GN 743-11-G3/8-B	1022065
069 A-P	1,000	Hubeinstellknopf Hydro	Stroke adjusting button Hydro	1005182
069 A-P, "API"	1,000	Hubeinstellknopf mit Bohrung Hydro	Stroke adjusting button with hole Hydro	1023969
070 A-D, I	1,000	Skalenscheibe HP2 64bar	scale wheel HP2 64bar	1005194
070 E-H, K	1,000	Skalenscheibe HP2 25bar	scale wheel HP2 25bar	1005634
070 L - P	1,000	Skalenscheibe HP2 100bar	scale wheel HP2 100bar	1022815
071 A-P	1,000	Skalenplatte HP2	scale disk HP2	1005196
072 A-P	1,000	Zyl.Schraube DIN 912 M 5x 30 A2	Cyl.screw DIN 912 M 5x 30 A2	468008
073 A-P	2,000	PT-Schraube WN1451 K 25x10 verz	PT-screw WN1451 K 25x10 verz	1002162
074 A-D, I	1,000	Druckbegrenzungsventil kpl. 64bar Hydro	pressure control valve cpl. 64bar Hydro	1004711
074 E - H, K	1,000	Druckbegrenzungsventil kpl. 25bar Hydro	pressure control valve cpl. 25bar Hydro	1004710
074 L - P	1,000	Druckbegrenzungsventil kpl. 100bar Hydro	pressure control valve cpl. 100bar Hydro	1022732
074 Sonderausführung	1,000	Druckbegrenzungsventil kpl. 16bar Hydro	pressure control valve cpl. 16bar Hydro	1004697
074 Sonderausführung	1,000	Druckbegrenzungsventil kpl. 10bar Hydro	pressure control valve cpl. 10bar Hydro	1022728
074 Sonderausführung	1,000	Druckbegrenzungsventil kpl. 40bar Hydro	pressure control valve cpl. 40bar Hydro	1022730
075 A-P	1,000	Verschlußschrb.DIN 908 G 1/8A 1.4305	Hexagon plug DIN 908 G 1/8A 1.4305	1004802
076 A-P	1,000	Dichtung d13.5xd10x1mm Kupfer	Gasket d13.5xd10x1mm Kupfer	1004803
088 A-P	1,000	Lagerdeckel HP2	bearing lid HP2	1003949
088 A-P	1,000	Lagerdeckel HP2 mit Hubsensor kpl.	bearing lid HP2 with str.sensor cpl.	1004410
089 A-P	4,000	Zyl.Schraube DIN 6912 M 6x 20 A2	Cyl.screw DIN 6912 M 6x 20 A2	465124
090 A-P	4,000	Scheibe DIN 125 A 6.4 A2	Washer DIN 125 A 6.4 A2	462219
091 A-P	1,000	O-Ring 72.00 - 2.50 NBR	O-ring 72.00 - 2.50 NBR	1004035

Pos.Type Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
		Hydro Antrieb	Hydro drive unit	
093 A-P	4,000	Federring DIN 127 B 8 A4	Spring washer DIN 127 B 8 A4	1005577
096 A-P, "API"	1,000	Rändelschraubenkopf PA schwarz M5	screw handle PA black M5	1003323
097 A-P, "API"	1,000	Feststellschraube Hydro	Set screw Hydro	1023970
098 A-P, "API"	1,000	O-Ring 16.30 - 2.40 NBR	O-ring 16.30 - 2.40 NBR	740803
100 A-P	2,000	Flansch kpl. 3/4"-DN10 PN100/DIN 2637 SS	Flange cpl. 3/4"-DN10 PN100/DIN 2637 SS	1006005
101 A-P	2,000	Flansch kpl.DN1/2" DN10 ANSI 1500lbs HC	Flange cpl. DN1/2" DN10 ANSI 1500lbs HC	1021175
101 A-P	2,000	Flansch kpl.DN1/2" DN10 ANSI 1500lbs SS	Flange cpl. DN1/2" DN10 ANSI 1500lbs SS	1006015
103 A-P	1,000	Typenschild Motorpumpen	type plate motor pumps	1005669
104 A-P	2,000	Kernnagel DIN 1476 3x10 A2	Grooved pin DIN 1476 3x10 A2	469341
105 A-P	2,500	Getriebeöl Mobilube 1 SHC 75W-90	Oil mobilube 1 SHC 75W-90	1005823
105 A-P	3,000	Getriebeöl Mobilube 1SHC 75W-90 1 Liter	Oil mobilgear 1SHC 75W-90 1 Liter	1006010
105 A-P	2,500	Getriebeöl Aral Eural Gear 220	Oil Aral Eural Gear 220	1007610
105 A-P	3,000	Getriebeöl Aral Eural Gear 220 1 Liter	Oil Aral Eural Gear 220 1 Liter	1007664
106 A-P	1,000	Kappe D 13/4.2x2.5 PE schwarz	Cap D 13/4.2x2.5 PE schwarz	1005886
107 A-P	1,000	Federring ehemals DIN 7980 6 A2	Spring washer formerly DIN 7980 6 A2	462456
108 A-P	1,000	Selbstklebeetikett roter Pfeil	Label red arrow	609615
115 A-P	1,000	Frequenzumrichter 0.37kW IP54	Frequency converter 0.37kW IP54	1001909
126 A-P	1,000	Nabe AL-D Rotex19 d14H7 DIN6885 GEW	Hub AL-D Rotex19 d14H7 DIN6885 GEW	1006287
127 A-P	1,000	Zahnkranz f. ROTEX 19 92Shore	GEAR RIM f. ROTEX 19 92Shore	1006286
128 A-P	1,000	Nabe ROTEX 19 AL-D d.15,87 ED	hub ROTEX 19 AL-D d.15,87 ED	1006285
128 A-P	1,000	Nabe ROTEX 19 St 1B-d19	hub ROTEX 19 St 1B-d19	1026757
129 A-P	1,000	Motorflansch RAL2003 56C	motor flange RAL2003 56C	1006065
129 A-P	1,000	Motorflan. RAL2003 B14 / 200 Hydro/S3Ba	motor fla. RAL2003 B14 / 200 Hydro/S3Ba	1026754
130 A-P	1,000	Kupplungsachse Sigma III	clutch shaft Sigma III	1005999
131 A-P	1,000	Passfeder DIN 6885 A 5x 5x 40 C45+C	Fitting key DIN 6885 A 5x 5x 40 C45K	1006135
140 A-P	2,000	O-Ring 25.00 - 3.00 NBR	O-ring 25.00 - 3.00 NBR	480224
141 A-P	1,000	Verbind. Flansch Stellm. Hydro	Conn. flange servo motor Hydro	1005885
142 A-P	1,000	Regelantr. Hydro 0/4-20mA 230V/50Hz II	Servomot. Hydro 0/4-20mA 230V/50Hz II	1024824
142 A-P	1,000	Regelantr. Hydro 0/4-20mA 115V/60Hz II	Servomot. Hydro 0/4-20mA 115V/60Hz II	1024822
142 A-P	1,000	Regelantr. Hydro 0/4-20mA 230V/50Hz	Servomot. Hydro 0/4-20mA 230V/50Hz	1006407
142 A-P	1,000	Regelantr. Hydro 0/4-20mA 115V/60Hz	Servomot. Hydro 0/4-20mA 115V/60Hz	1006406
142 A-P	1,000	Stellantrieb Hydro 230V/50Hz	Servomotor Hydro 230V/50Hz	1006405
142 A-P	1,000	Stellantrieb Hydro 115V/60Hz	Servomotor Hydro 115V/60Hz	1006404
143 A-P	6,000	Sechsk.Schrb. EN 24017 M 6x 16 A2	Hexagon screw EN 24017 M 6x 16 A2	468210
144 A-P	6,000	Scheibe DIN 125 A 6.4 A2	Washer DIN 125 A 6.4 A2	462219
145 A-P	1,000	Ind.Näh.Schalter NI1,5-8GM-N-Y	Approximate switch	710252
150 A-P #A	2,000	Flansch ANSI B16.5 1/2"-10 1.4571 1500lb	Flange ANSI B16.5 1/2"-10 1.4571 1500lb	1006012
150 A-P #D	2,000	Flansch E DN 10x 17,2 DIN 2637 1.4571	Flange E DN 10x 17,2 DIN 2637 1.4571	1006003
151 A-P #D #A	2,000	Überwurfmutter G 3/4 DN10 S	Union nut G 3/4 DN10 S	805270
152 A-P #A	2,000	Flachdichtung 22x61x2 PN63-160 Graphit S	Gasket 22x61x2 PN63-160 Graphit SS	1006501
152 A-P #D	2,000	Flachdichtung 18x56x2 PN63-160 Graphit S	Gasket 18x56x2 PN63-160 Graphit S	1006500
153 A-P #A	2,000	Einlegeteil Flansch 1/2" (DN10) ANSI SS	Insert for flange 1/2" (DN10) ANSI SS	1006011
153 A-P #D	2,000	Einlegeteil gerillt f.Flansch DN10 S	Insert grooved f. flange DN10 S	1006000
154 A-P #D #A	2,000	Scheibe d 23.5/ d 12.1x1.5 PTFE	Disc d 23.5/ d 12.1x1.5 PTFE	792882
160 A-P	1,000	Sockel Hydro HP2 1.4301	Base Hydro HP2 1.4301	1005660
161 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 25 A4	Hexagon screw EN 24017 M 8x 25 A4	468221
162 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
163 A-P	4,000	Sechsk.Mutter DIN 934 M 8 A2	Hexagon nut DIN 934 M 8 A2	469042
175 A-P	1,000	Rahmen HP2, HP3 für FU-EX-Motor	frame HP2, HP3 f. frequ. conv. EX-motor	1024196
176 A-P	1,000	Heizpatrone 120 W mit PTC	heating cartridge 120 W w. PTC	1026399
176 A-P	1,000	Heizpatrone 120 W Ex	heating cartridge 120 W Ex	1026622

Pos.Type	Anz.	Artikel	Description	Best.Nr.
Pos.Type	No.of			Code No.
		Hydro Antrieb	Hydro drive unit	
177 A-P	1,000	Dichtung d27xd32x2 DIN7603 A Cu	Gasket d28xd34x1,8 DIN7603 A copper	1026555
177 A-P	1,000	Dichtung d18xd24x1,5 DIN7603 A Cu	Gasket d18xd24x1,5 DIN7603 A copper	1026447
179 A-P	1,000	\$Temperaturregler für Heizpatrone EX	\$regulator for cartridge heater EX	1026541
180 A-P	1,000	Abdeckschutz Heizpatrone Ex	cover cartridge heater Ex	1026556
181 A-P	1,000	O-Ring 36.00 - 2.00 NBR	O-ring 36.00 - 2.00 NBR	790400
182 A-D, I	1,000	Kolbenführung HP2 d=18	piston guide HP2 d=18	1024085
182 E-H, K	1,000	Kolbenführung HP2 d=26	piston guide HP2 d=26	1024086
182 L-P	1,000	Kolbenführung HP2 d=16	piston guide HP2 d=16	1024084
201 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 20	A2 Hexagon screw EN 24017 M 8x 20	A2 792475
202 A-P	4,000	Scheibe DIN 9021 8.4/ 24	A4 Washer DIN 9021 8.4/ 24	A4 740299
207 A-P	1,000	Sechsk.Schrb. EN 24017 M 8x 20	A2 Hexagon screw EN 24017 M 8x 20	A2 792475
208 A-P	1,000	Scheibe DIN 125 A 8.4	A2 Washer DIN 125 A 8.4	A2 462220

Bezeichnung: Hydro Antrieb Doppelkopf
Description: Hydro drive unit double head

ETL-Nr: 61_02-104_00_06-14
Version: 08

erstellt: BONIN am: 06.10.2000
geändert: BONIN am: 01.06.2005
geprüft: ARNOLD am:

Mitteilungsnummer: 05102

Zugeh.ZNr: 61_02-104_00_02-03
61_02-104_00_03-03
61_02-104_00_04-03

Bemerkung:

A= 064022
B= 064018
C= 064015
D= 064007
E= 025060
F= 025048
G= 025040
H= 025019
I= 064025
K= 025068
L= 100010
M= 100009
N= 100007
O= 100006
P= 100003
= in Pos. 3 enthalten
= in Pos. 4 enthalten
= in Pos. 74 enthalten
#D = in Pos.100 enthalten
#A = in Pos.101 enthalten
= included in pos. 3
= included in pos. 4
= included in pos. 74
#D = included in pos.100
#A = included in pos.101

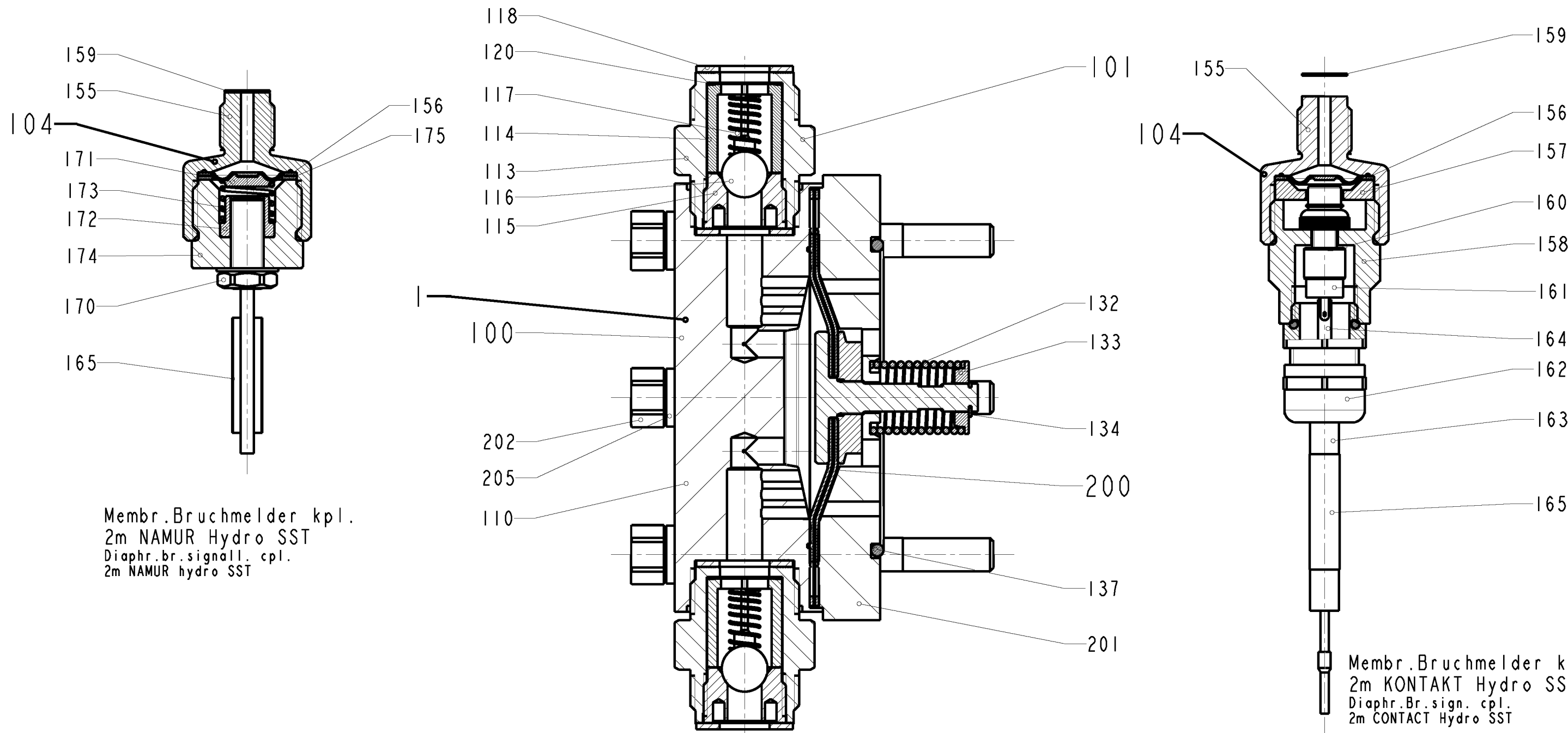
Pos.Type	Anz.	Artikel	Description	Best.Nr.
Pos.Type	No.of			Code No.
Hydro Antrieb Doppelkopf			Hydro drive unit double head	
002 A-P	1,000	Guss-Gehäuse Fertigteil HP2	Cast-housing finished part HP2	1003840
002 A-P	1,000	Guss-Gehäuse Fertig. neutral HP2	Cast-housing finish. neutral HP2	1005758
003 A, E, M	1,000	Exzenterwelle kpl. 8:1 HP2	eccentric shaft cpl. 8:1 HP2	1005644
003 B, F, N	1,000	Exzenterwelle kpl. 10:1 HP2	eccentric shaft cpl. 10:1 HP2	1005645
003 C, G, O	1,000	Exzenterwelle kpl. 12:1 HP2	eccentric shaft cpl. 12:1 HP2	1005646
003 D, H, P	1,000	Exzenterwelle kpl. 25:1 HP2	eccentric shaft cpl. 25:1 HP2	1005647
003 I, L, K	1,000	Exzenterwelle kpl. 7:1 HP2	eccentric shaft cpl. 7:1 HP2	1022820
004 A, E, M	1,000	Schneckenwelle kpl. 8:1 Hydro HP2	worm shaft cpl. 8:1 Hydro HP2	1005652
004 B, F, N	1,000	Schneckenwelle kpl. 10:1 Hydro HP2	worm shaft cpl. 10:1 Hydro HP2	1005653
004 C, G, O	1,000	Schneckenwelle kpl. 12:1 Hydro HP2	worm shaft cpl. 12:1 Hydro HP2	1005654
004 D, H, P	1,000	Schneckenwelle kpl. 25:1 Hydro HP2	worm shaft cpl. 25:1 Hydro HP2	1005655

Pos.Type	Anz.	Artikel	Description	Best.Nr.
Pos.Type	No.of			Code No.
		Hydro Antrieb Doppelkopf	Hydro drive unit double head	
004 I, K, L	1,000	Schneckenwelle kpl. 7:1 Hydro HP2	worm shaft cpl. 7:1 Hydro HP2	1022822
005 A, E, M #	1,000	Schneckenrad I=1:8 HP2	Worm wheel I=1:8 HP2	1003534
005 B, F, N #	1,000	Schneckenrad I=1:10 HP2	Worm wheel I=1:10 HP2	1003535
005 C, G, O #	1,000	Schneckenrad I=1:12 HP2	Worm wheel I=1:12 HP2	1003536
005 D, H, P #	1,000	Schneckenrad I=1:25 HP2	Worm wheel I=1:25 HP2	1003537
005 I, K, L #	1,000	Schneckenrad I=1:7 HP2	Worm wheel I=1:7 HP2	1022819
008 A-P	1,000	Hubeinstelldeckel HP2 links	Stroke adjust lid HP2 left	1005318
008 A-P	1,000	Hubeinstelldeckel HP2 rechts	Stroke adjust lid HP2 right	1005319
009 A-P	2,000	Hydraulikflansch HP2	hydraulic flange HP2	1024090
010 A-P	2,000	Hydraulikdeckel Hydro 1.4305	hydraulic lid Hydro 1.4305	1003942
011 A-D, I	2,000	Kolben d18 x 175 HP2	piston d18 x 175 HP2	1003951
011 E-H, K	2,000	Kolben d26 x 175 HP2	piston d26 x 175 HP2	1003952
011 L - P	2,000	Kolben d16 x 175 HP2	piston d16 x 175 HP2	1021345
012 A-P	2,000	Druckfeder HP2 100N OTEVA 70	Com.spring HP2 100N OTEVA 70	1004775
013 A-H, I, K	2,000	Federteller Hydro	spring plate Hydro	1004404
013 L - P	2,000	Federteller Hydro Version: 100bar	spring plate Hydro Version: 100bar	1022806
014 A-P ##	1,000	Rillenkugellager 6204 SKF	Deep groove ball bear. 6204 SKF	1003512
015 A-P ##	1,000	Rillenkugellager 6005-2RS1 SKF	Deepgro.v.bal.bear.6005-2RS1 SKF	1003929
016 A-P #	1,000	Rillenkugellager 6006 SKF	Deep groove ball bear 6006 SKF	405911
017 A-P #	1,000	Rillenkugellager 6306 SKF/INA	Deep groove ball bear. 6306 SKF/INA	1003928
018 A-P #	1,000	Nadellager NK45/20 SKF/INA	Needle bear. NK45/20 SKF/INA	1003934
019 A-P #	2,000	Paßscheibe DIN 988 45x55x1	Shim ring DIN 988 45x55x1	1004024
020 A-P	1,000	Paßscheibe PS 41X50X1	Adj.washer PS 41X50X1	1004027
021 A-P #	2,000	Sicherungsring DIN 471 45x1.75 F.st.	Snap ring DIN 471 45x1.75 s.st.	1004030
022 A-P	1,000	Sicherungsring DIN 472 50x2 F.st.	Snap ring DIN 472 50x2 s.st.	1004031
023 A-P	1,000	O-Ring 46.00 - 2.00 NBR	O-ring 46.00 - 2.00 NBR	1004032
027 A, E, M ##	1,000	Schneckenwelle I= 1: 8 HP2	Worm shaft I= 1: 8 HP2	1003526
027 B, F, N ##	1,000	Schneckenwelle I= 1:10 HP2	Worm shaft I= 1:10 HP2	1003527
027 C, G, O ##	1,000	Schneckenwelle I= 1:12 HP2	Worm shaft I= 1:12 HP2	1003528
027 D, H, P ##	1,000	Schneckenwelle I= 1:25 HP2	Worm shaft I= 1:25 HP2	1003529
027 I, L, K ##	1,000	Schneckenwelle I= 1: 7 HP2	Worm shaft I= 1: 7 HP2	1022818
028 A-P #	1,000	Exzenterwelle Hub 15mm HP2	Excentric shaft str.15mm HP2	1003524
030 A-P	8,000	Gewindebolzen HP3 M8x100 A2/80	bolt HP3 M8x100 A2/80	1004040
031 A-P	8,000	Hutmutter DIN 1587 M 8 verz.	Cap nut DIN 1587 M 8 galv.	468308
032 A-P	8,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
033 A-P	2,000	O-Ring 135.00 - 2.50 NBR	O-ring 135.00 - 2.50 NBR	1004033
034 A-P	2,000	Hubeinstellachse HP2 9S20k	stroke ajust axle HP2 9S20k	1004408
035 A-P	2,000	O-RING 7.00 - 2.00 NBR	O-ring 7.00 - 2.00 NBR	480307
036 A-P	2,000	Sicherungsscheibe DIN 6799 8 F.st.	Retaining washer DIN 6799 8 s.st.	1006794
037 A-P	2,000	Kolbenmuffe kpl Hydro	piston sleeve cpl Hydro	1004405
038 A-P	2,000	Führungsband d14x2 Hydro	sliding band d14x2 Hydro	1003943
040 A-P	2,000	Zylinderstift DIN 7 4m6x14 A4	Cylinder pin DIN 7 4m6x14 A4	460714
041 A-P	2,000	O-Ring 110.00 - 3.00 NBR	O-ring 110.00 - 3.00 NBR	480284
042 A-P	8,000	Zyl.Schraube DIN 7984 M 6x 10 A2	Cyl.screw DIN 7984 M 6x 10 A2	468086
043 A-P	2,000	O-Ring 71.00 - 3.00 NBR	O-ring 71.00 - 3.00 NBR	1004039
044 A-P #	1,000	Passfeder DIN 6885 A 8x 7x 18 C45+C	Fitting key DIN 6885 A 8x 7x 18 C45K	1004208
045 A-P ###	2,000	O-Ring/M 12.37 - 2.62 FPM-A	O-ring/m 12.37 - 2.62 FPM-A	481012
046 A-P ###	2,000	Kugelsitz d9.2 DBV Hydro 1.4305	ball seat d9.2 pcv Hydro 1.4305	1004699
047 A-P ###	2,000	Ventilkugel 9.2 mm A12 03	Valve ball 9.2 mm A12 03	404281
048 A-P ###	2,000	Spindel DBV Hydro 1.4305	spindle pcv Hydro 1.4305	1004700
049 A-P ###	2,000	Federsitz d15,5 DBV Hydro	Spring seat d15,5 pcv Hydro	1004701

Pos.Type	Anz.	Artikel	Description	Best.Nr.
Pos.Type	No.of			Code No.
		Hydro Antrieb Doppelkopf	Hydro drive unit double head	
050 A-D, I ###	2,000	Druckf.d2.25/L109 DBV64bar Hydro OTEVA70	Com.sp.d2.25/L109 DBV64bar Hydro OTEVA70	1004705
050 E-H, K ###	2,000	Druckf.d1.7/L120 DBV-25bar Hydro OTEVA70	Com.sp.d1.7/L120 DBV-25bar Hydro OTEVA70	1004704
050 L -P ###	2,000	Druckfeder D2,4/L123 OTEVA 70	Pres.springD2,4/L123 OTEVA 70	1022727
051 A-D, I ###	2,000	Distanzscheibe 20x15,6x2 DBV Hydro	Distance plate 20x15,6x2 pcv Hydro	1006307
051 E-H, K ###	2,000	Distanzscheibe 20x15,6x6 DBV Hydro	Distance plate 20x15,6x6 pcv Hydro	1005894
052 A-P ###	2,000	Federsitz d15,5x9 DBV Hydro	Spring seat d15,5x9 pcv hydro	1004702
053 A-P ###	2,000	O-Ring 8.00 - 2.00 NBR	O-ring 8.00 - 2.00 NBR	480312
054 A-P ###	2,000	O-Ring/M 28.00 - 2.00 FPM-A	O-ring/m 28.00 - 2.00 FPM-A	481038
055 A-P ###	2,000	Ventilkörper DBV Hydro 1.4301	Valve body pcv Hydro 1.4301	1004698
056 A-P ###	2,000	DU-Buchse 8x10x 8 MB 0808 DU	Bushing 8x10x 8 MB 0808 DU	469508
057 A-P ###	2,000	Rändelmutter M6 x 24 PA6.6	Nut M6 x 24 PA6.6	1004706
058 A-P ###	2,000	Hutmutter DIN 1587 M 6 verz.	Cap nut DIN 1587 M 6 galv.	468306
061 A-P	1,000	Mot.RAL2003 0.37KW 4p 230/400V-2 50/60Hz	Mot.RAL2003 0.37KW 4p 230/400V-2 50/60Hz	1003455
061 A-P	1,000	Mot.RAL2003 0.37kw 4p 230V-2 3x regelb.	Mot.RAL2003 0.37kw 4p 230V-2 3x var.sp.	1006017
061 A-P	1,000	Mot.RAL2003 Exe0.37KW 4p 230/400V-2 50Hz	Mot.RAL2003 Exe0.37KW 4p 230/400V-2 50Hz	1006019
061 A-P	1,000	Mot.RAL2003 Exe0.37KW 4p 265/460V-2 60Hz	Mot.RAL2003 Exe0.37KW 4p 265/460V-2 60Hz	1006021
061 A-P	1,000	Mot.RAL2003 Exd0.37KW 4p 230/400V-2 50Hz	Mot.RAL2003 Exd0.37KW 4p 230/400V-2 50Hz	1006023
061 A-P	1,000	Mot.RAL2003 Exd0.37KW 4p 266/460V-2 60Hz	Mot.RAL2003 Exd0.37KW 4p 266/460V-2 60Hz	1006025
061 A-P	1,000	Mot.RAL2003 0.37kw 1p 230V FU 50/60Hz	Mot.RAL2003 0.37kw 1p 230V FU 50/60Hz	1008569
061 A-P	1,000	Motor RAL2003 Exde 0.55 kW 4p 400V FU	Motor RAL2003Exde 0.55 kW 4p 400V FU	1024392
062 A-P	1,000	Flachdtg. 158x112x0.5 Abil	Gasket 158x112x0.5 Abil	1004543
063 A-P	1,000	Verbindungshülse HP2	Conn.bushing HP2	1002878
064 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 16 A2	Hexagon screw EN 24017 M 8x 16 A2	1007199
064 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 20 A2	Hexagon screw EN 24017 M 8x 20 A2	792475
065 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
066 A-P	1,000	Verschlußschrb. m. Entl.3/8"schw	Screwing w. Vetilat. 3/8" black	740671
067 A-P	2,000	Verschlußschraube G3/8"schw.PA12	Screwing G3/8"blac.PA12	740646
067 A-P, "API"	2,000	Verschlußschr. m. Bund G3/8 Messing	Screwing w. shoulder G3/8 brass	1022066
068 A-P	1,000	Ölschauglas G3/8"-PA12 Transpar.	Oil sight glass G3/8"-PA12	740672
068 A-P, "API"	1,000	Ölschauglas GN 743-11-G3/8-B	Oil sight glass GN 743-11-G3/8-B	1022065
069 A-P	2,000	Hubeinstellknopf Hydro	Stroke adjusting button Hydro	1005182
069 A-P, "API"	2,000	Hubeinstellknopf mit Bohrung Hydro	Stroke adjusting button with hole Hydro	1023969
070 A-D, I	2,000	Skalenscheibe HP2 64bar	scale wheel HP2 64bar	1005194
070 E-H, K	2,000	Skalenscheibe HP2 25bar	scale wheel HP2 25bar	1005634
070 L - P	2,000	Skalenscheibe HP2 100bar	scale wheel HP2 100bar	1022815
071 A-P	2,000	Skalenplatte HP2	scale disk HP2	1005196
072 A-P	2,000	Zyl.Schraube DIN 912 M 5x 30 A2	Cyl.screw DIN 912 M 5x 30 A2	468008
073 A-P	4,000	PT-Schraube WN1451 K 25x10 verz	PT-screw WN1451 K 25x10 verz	1002162
074 A-D, I	2,000	Druckbegrenzungsventil kpl. 64bar Hydro	pressure control valve cpl. 64bar Hydro	1004711
074 E-H, K	2,000	Druckbegrenzungsventil kpl. 25bar Hydro	pressure control valve cpl. 25bar Hydro	1004710
074 L - P	2,000	Druckbegrenzungsventil kpl. 100bar Hydro	pressure control valve cpl. 100bar Hydro	1022732
074 Sonderausführung	2,000	Druckbegrenzungsventil kpl. 10bar Hydro	pressure control valve cpl. 10bar Hydro	1022728
074 Sonderausführung	2,000	Druckbegrenzungsventil kpl. 40bar Hydro	pressure control valve cpl. 40bar Hydro	1022730
074 Sonderausführung	2,000	Druckbegrenzungsventil kpl. 16bar Hydro	pressure control valve cpl. 16bar Hydro	1004697
075 A-P	2,000	Verschlußschrb.DIN 908 G 1/8A 1.4305	Hexagon plug DIN 908 G 1/8A 1.4305	1004802
076 A-P	2,000	Dichtung d13.5xd10x1mm Kupfer	Gasket d13.5xd10x1mm Kupfer	1004803
088 A-P	1,000	Lagerdeckel HP2	bearing lid HP2	1003949
088 A-P	1,000	Lagerdeckel HP2 mit Hubsensor kpl.	bearing lid HP2 with str.sensor cpl.	1004410
089 A-P	4,000	Zyl.Schraube DIN 6912 M 6x 20 A2	Cyl.screw DIN 6912 M 6x 20 A2	465124
090 A-P	4,000	Scheibe DIN 125 A 6.4 A2	Washer DIN 125 A 6.4 A2	462219
091 A-P	1,000	O-Ring 72.00 - 2.50 NBR	O-ring 72.00 - 2.50 NBR	1004035

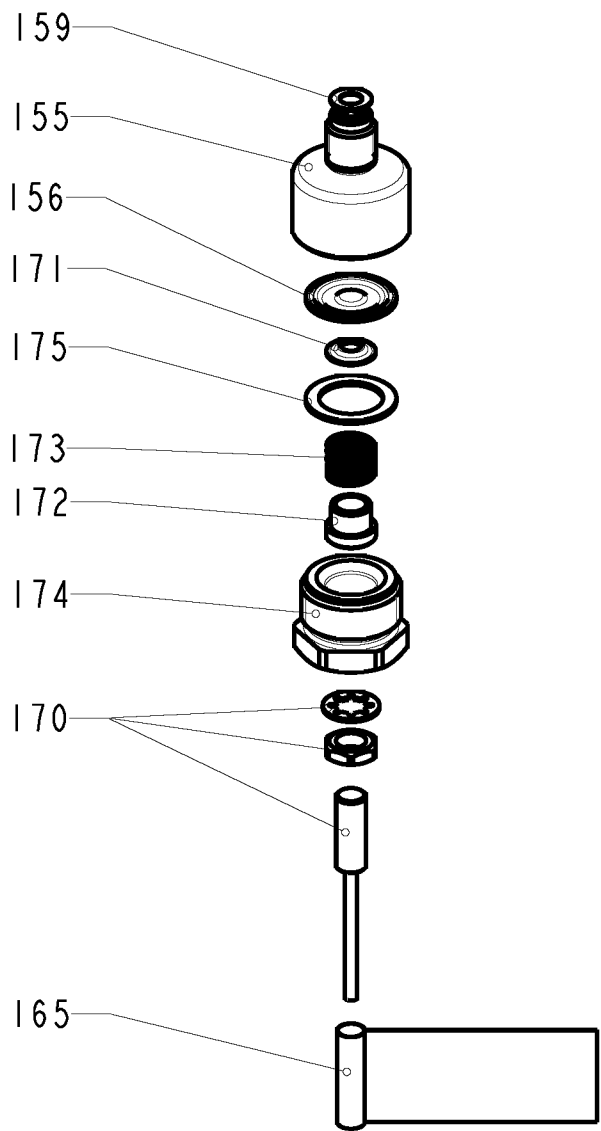
Pos.Type Pos.Type	Anz. No.of	Artikel	Description	Best.Nr. Code No.
		Hydro Antrieb Doppelkopf	Hydro drive unit double head	
093 A-P	4,000	Federring DIN 127 B 8 A4	Spring washer DIN 127 B 8 A4	1005577
096 A-P, "API"	2,000	Rändelschraubenkopf PA schwarz M5	screw handle PA black M5	1003323
097 A-P, "API"	2,000	Feststellschraube Hydro	Set screw Hydro	1023970
098 A-P, "API"	2,000	O-Ring 16.30 - 2.40 NBR	O-ring 16.30 - 2.40 NBR	740803
100 A-P	4,000	Flansch kpl. 3/4"-DN10 PN100/DIN 2637 SS	Flange cpl. 3/4"-DN10 PN100/DIN 2637 SS	1006005
101 A-P	4,000	Flansch kpl.DN1/2" DN10 ANSI 1500lbs SS	Flange cpl. DN1/2" DN10 ANSI 1500lbs SS	1006015
101 A-P	4,000	Flansch kpl.DN1/2" DN10 ANSI 1500lbs HC	Flange cpl. DN1/2" DN10 ANSI 1500lbs HC	1021175
103 A-P	1,000	Typenschild Motorpumpen	type plate motor pumps	1005669
104 A-P	2,000	Kernnagel DIN 1476 3x10 A2	Grooved pin DIN 1476 3x10 A2	469341
105 A-P	3,000	Getriebeöl Mobilube 1 SHC 75W-90	Oil mobilube 1 SHC 75W-90	1005823
105 A-P	3,000	Getriebeöl Mobilube 1SHC 75W-90 1 Liter	Oil mobilgear 1SHC 75W-90 1 Liter	1006010
105 A-P	3,000	Getriebeöl Aral Eural Gear 220	Oil Aral Eural Gear 220	1007610
105 A-P	3,000	Getriebeöl Aral Eural Gear 220 1 Liter	Oil Aral Eural Gear 220 1 Liter	1007664
106 A-P	2,000	Kappe D 13/4.2x2.5 PE schwarz	Cap D 13/4.2x2.5 PE schwarz	1005886
107 A-P	2,000	Federring ehemals DIN 7980 6 A2	Spring washer formerly DIN 7980 6 A2	462456
108 A-P	1,000	Selbstklebeetikett roter Pfeil	Label red arrow	609615
115 A-P	1,000	Frequenzumrichter 0.37kW IP54	Frequency converter 0.37kW IP54	1001909
126 A-P	1,000	Nabe AL-D Rotex19 d14H7 DIN6885 GEW	Hub AL-D Rotex19 d14H7 DIN6885 GEW	1006287
127 A-P	1,000	Zahnkranz f. ROTEX 19 92Shore	GEAR RIM f. ROTEX 19 92Shore	1006286
128 A-P	1,000	Nabe ROTEX 19 AL-D d.15,87 ED	hub ROTEX 19 AL-D d.15,87 ED	1006285
128 A-P	1,000	Nabe ROTEX 19 St 1B-d19	hub ROTEX 19 St 1B-d19	1026757
129 A-P	1,000	Motorflansch RAL2003 56C	motor flange RAL2003 56C	1006065
129 A-P	1,000	Motorflan. RAL2003 B14 / 200 Hydro/S3Ba	motor fla. RAL2003 B14 / 200 Hydro/S3Ba	1026754
130 A-P	1,000	Kupplungsachse Sigma III	clutch shaft Sigma III	1005999
131 A-P	1,000	Passfeder DIN 6885 A 5x 5x 40 C45+C	Fitting key DIN 6885 A 5x 5x 40 C45K	1006135
140 A-P	4,000	O-Ring 25.00 - 3.00 NBR	O-ring 25.00 - 3.00 NBR	480224
141 A-P	2,000	Verbind. Flansch Stellm. Hydro	Conn. flange servo motor Hydro	1005885
142 A-P	2,000	Stellantrieb Hydro 115V/60Hz	Servomotor Hydro 115V/60Hz	1006404
142 A-P	2,000	Stellantrieb Hydro 230V/50Hz	Servomotor Hydro 230V/50Hz	1006405
142 A-P	2,000	Regelantr. Hydro 0/4-20mA 115V/60Hz	Servomot. Hydro 0/4-20mA 115V/60Hz	1006406
142 A-P	2,000	Regelantr. Hydro 0/4-20mA 230V/50Hz	Servomot. Hydro 0/4-20mA 230V/50Hz	1006407
142 A-P	2,000	Regelantr. Hydro 0/4-20mA 115V/60Hz II	Servomot. Hydro 0/4-20mA 115V/60Hz II	1024822
142 A-P	2,000	Regelantr. Hydro 0/4-20mA 230V/50Hz II	Servomot. Hydro 0/4-20mA 230V/50Hz II	1024824
143 A-P	12,000	Sechsk.Schrb. EN 24017 M 6x 16 A2	Hexagon screw EN 24017 M 6x 16 A2	468210
144 A-P	12,000	Scheibe DIN 125 A 6.4 A2	Washer DIN 125 A 6.4 A2	462219
145 A-P	1,000	Ind.Näh.Schalter NI1,5-8GM-N-Y	Approximate switch	710252
150 A-P #A	4,000	Flansch ANSI B16.5 1/2"-10 1.4571 1500lb	Flange ANSI B16.5 1/2"-10 1.4571 1500lb	1006012
150 A-P #D	4,000	Flansch E DN 10x 17,2 DIN 2637 1.4571	Flange E DN 10x 17,2 DIN 2637 1.4571	1006003
151 A-P #D #A	4,000	Überwurfmutter G 3/4 DN10 S	Union nut G 3/4 DN10 S	805270
152 A-P #A	4,000	Flachdichtung 22x61x2 PN63-160 Graphit S	Gasket 22x61x2 PN63-160 Graphit SS	1006501
152 A-P #D	4,000	Flachdichtung 18x56x2 PN63-160 Graphit S	Gasket 18x56x2 PN63-160 Graphit S	1006500
153 A-P #A	4,000	Einlegeteil Flansch 1/2" (DN10) ANSI SS	Insert for flange 1/2" (DN10) ANSI SS	1006011
153 A-P #D	4,000	Einlegeteil gerillt f.Flansch DN10 S	Insert grooved f. flange DN10 S	1006000
154 A-P #D #A	4,000	Scheibe d 23.5/ d 12.1x1.5 PTFE	Disc d 23.5/ d 12.1x1.5 PTFE	792882
160 A-P	1,000	Sockel Hydro HP2 1.4301	Base Hydro HP2 1.4301	1005660
161 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 25 A4	Hexagon screw EN 24017 M 8x 25 A4	468221
162 A-P	4,000	Scheibe DIN 125 A 8.4 A2	Washer DIN 125 A 8.4 A2	462220
163 A-P	4,000	Sechsk.Mutter DIN 934 M 8 A2	Hexagon nut DIN 934 M 8 A2	469042
175 A-P	1,000	Rahmen HP2, HP3 für FU-EX-Motor	frame HP2, HP3 f. frequ. conv. EX-motor	1024196
181 A-P	2,000	O-Ring 36.00 - 2.00 NBR	O-ring 36.00 - 2.00 NBR	790400
182 A-D, I	2,000	Kolbenführung HP2 d=18	piston guide HP2 d=18	1024085

Pos.Type	Anz.	Artikel	Description	Best.Nr.
Pos.Type	No.of			Code No.
		Hydro Antrieb Doppelkopf	Hydro drive unit double head	
182 E-H, K	2,000	Kolbenführung HP2 d=26	piston guide HP2 d=26	1024086
182 L-P	2,000	Kolbenführung HP2 d=16	piston guide HP2 d=16	1024084
201 A-P	4,000	Sechsk.Schrb. EN 24017 M 8x 20	A2 Hexagon screw EN 24017 M 8x 20	A2 792475
202 A-P	4,000	Scheibe DIN 9021 8.4/ 24	A4 Washer DIN 9021 8.4/ 24	A4 740299
207 A-P	1,000	Sechsk.Schrb. EN 24017 M 8x 20	A2 Hexagon screw EN 24017 M 8x 20	A2 792475
208 A-P	1,000	Scheibe DIN 125 A 8.4	A2 Washer DIN 125 A 8.4	A2 462220

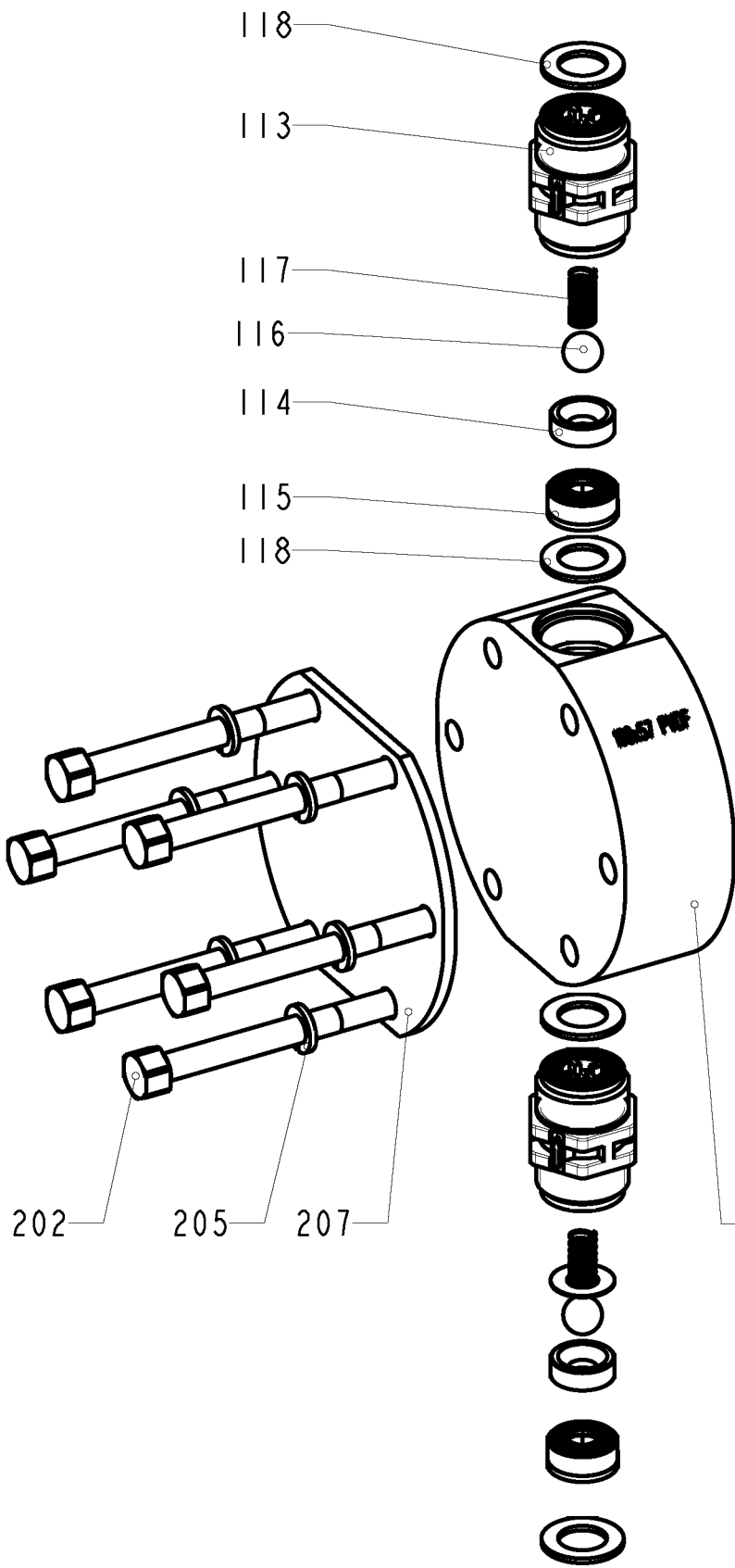


Pos.103, 108, 109, 206 ohne Darstellung
Pos. 103, 108, 109, 206 without illustration

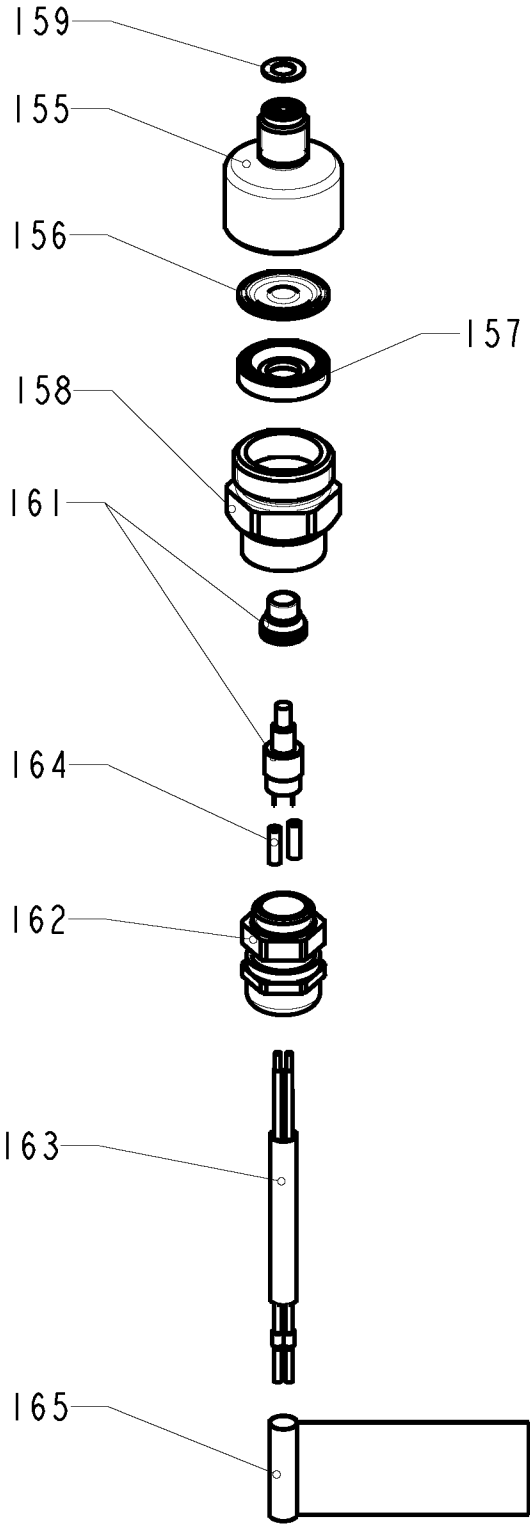
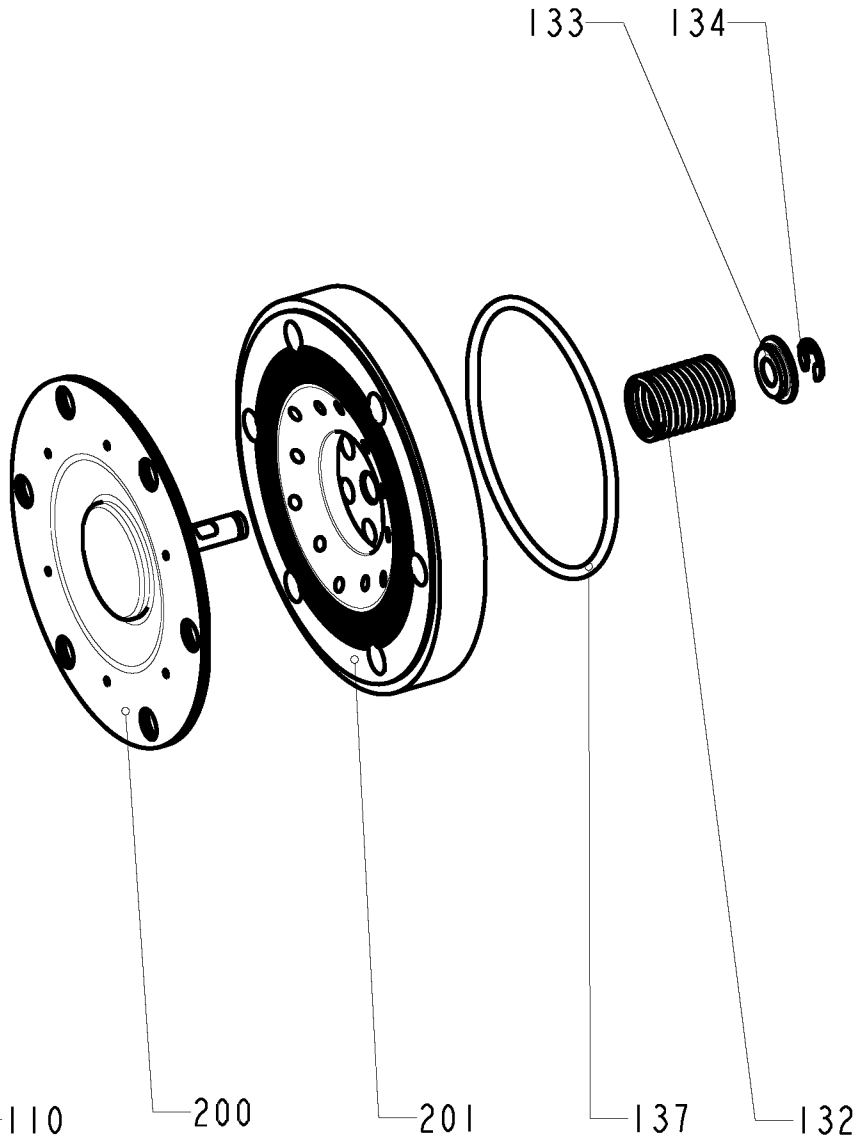
		Werkstueck- kanten		Allg. Tol.		Oberfl.	Masstab scale - / -		T.-Nr. p.-no. * :
							Werkstoff material HCT		
							Bezeichnung/description		
				Datum		Name	Fördereinheit Hydro Liquid end Hydro		
				Bearb. 11-May-01		Bonin			
				Gepr. 15.07.02		Bubb			
				Norm					
							Zchn.-Nr./drawing no.		Blatt
							61_05-104_00_87-03		1
									2 Bl.
01	01057	14.07.02	Bo	ProMinent Dosiertechnik GmbH Im Schuhmachergewann 5-11 D-69123 Heidelberg Postfach 101760 D-69007 Heidelberg				Ers. f.	Ers. d.
Zust.		Aend.-Mitt.-Nr.		Datum		Name		Ursprung	



Pos. 104
Membr.Bruchmelder kpl.
2m NAMUR Hydro PVT
Diaphr.br.sign. cpl.
2m NAMUR Hydro PVT

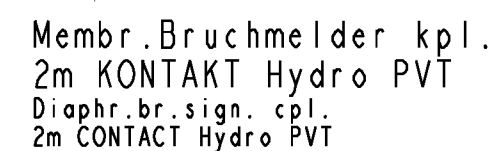
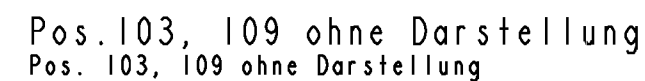
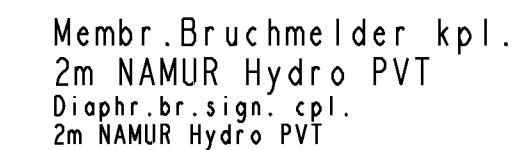


Pos. 104
Membr.Bruchmelder kpl.
2m KONTAKT Hydro PVT
Diaphr.br.sign. cpl.
2m KONTAKT Hydro PVT



Pos. 103, 109 ohne Darstellung
Pos.103, 109 without illustration

			Werkstueck- kanten		Allg. Tol.		Oberfl.		Masstab scale			T.-Nr. p.-no.		:		
									Werkstoff material			PVT				
						Datum	Name		Bezeichnung/description							
					Bearb.	11-Aug-00	Bonin		Fördereinheit Hydro Liquid end Hydro							
					Gepr.	18.09.00	Arnold									
					Norm											

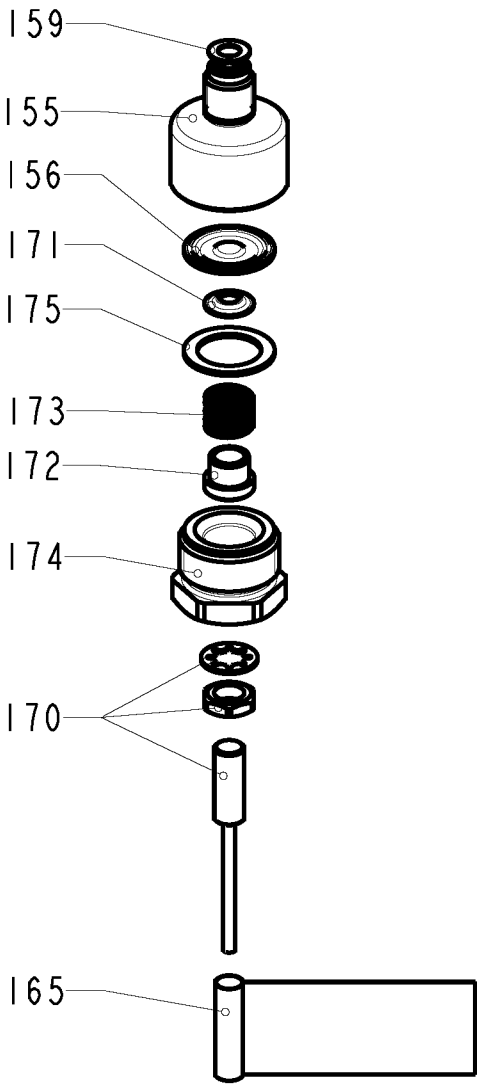


				Werkstueck- kanten		Allg. Tol.		Oberfl.		Masstab scale				T.-Nr. p.-no.		* :			
										Werkstoff material								PVT	
						Datum		Name		Bezeichnung/description									
						Bearb.		11-Aug-00		Bonin		Fördereinheit Hydro Liquid end Hydro							
						Gepr.		18.09.00		Arnold									
						Norm													

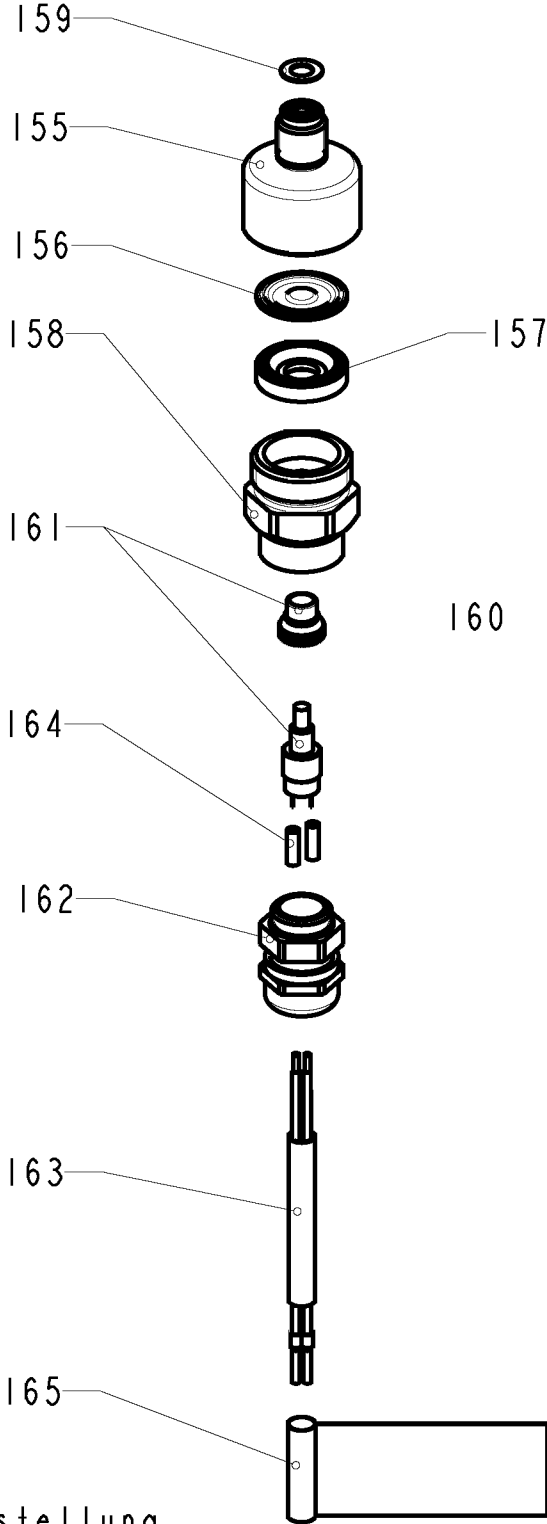
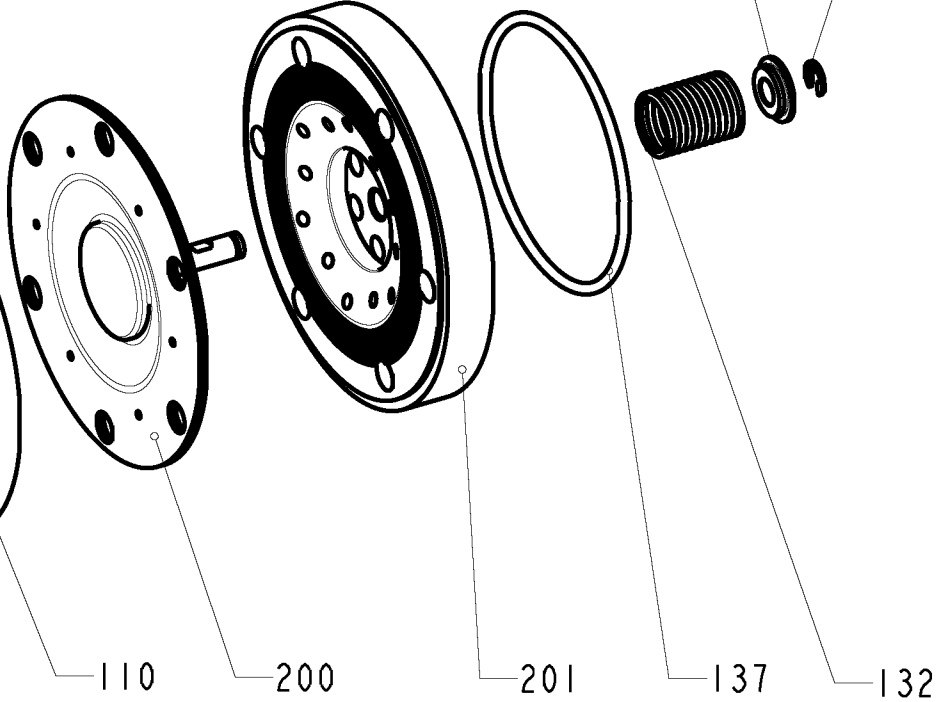
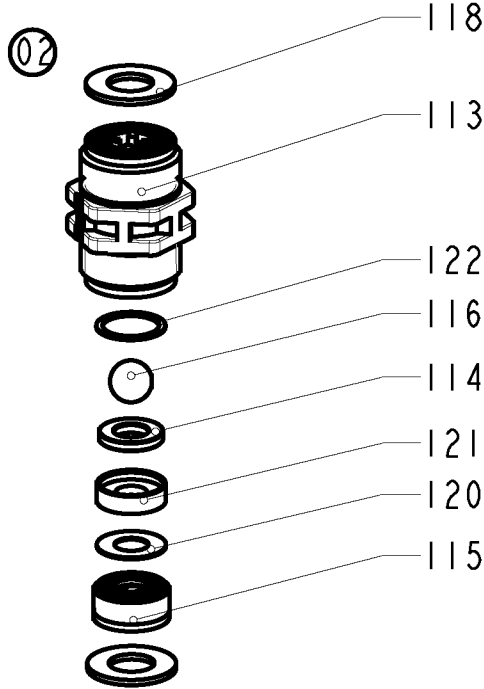
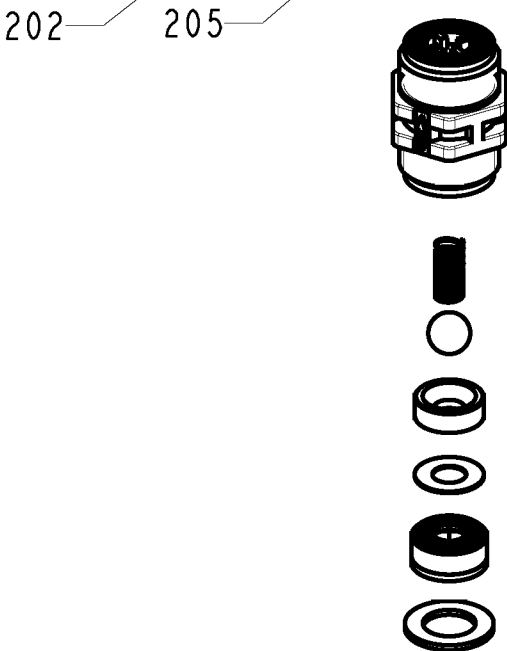
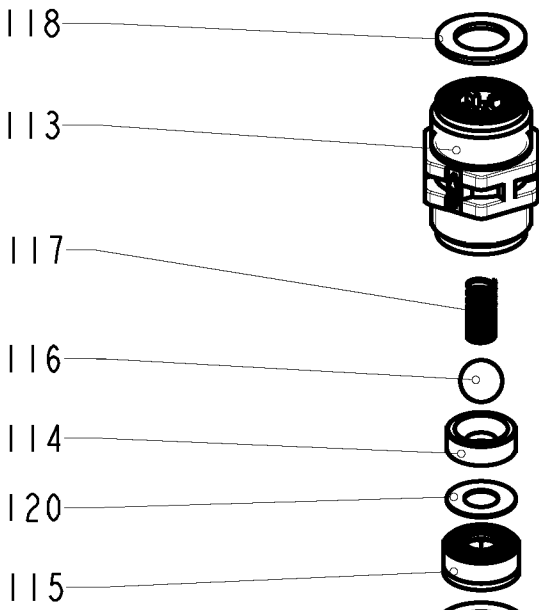
Ausführung von Ventil DN10 (FE 022, FE 060)
Model of valve DN10 (FE 022, FE 060)

Pos. 104
Membr. Bruchmelder kpl.
2m KONTAKT Hydro SST
Diaphr.br.sign. cpl.
2m CONTACT Hydro SST

PASSMASS ABMASS

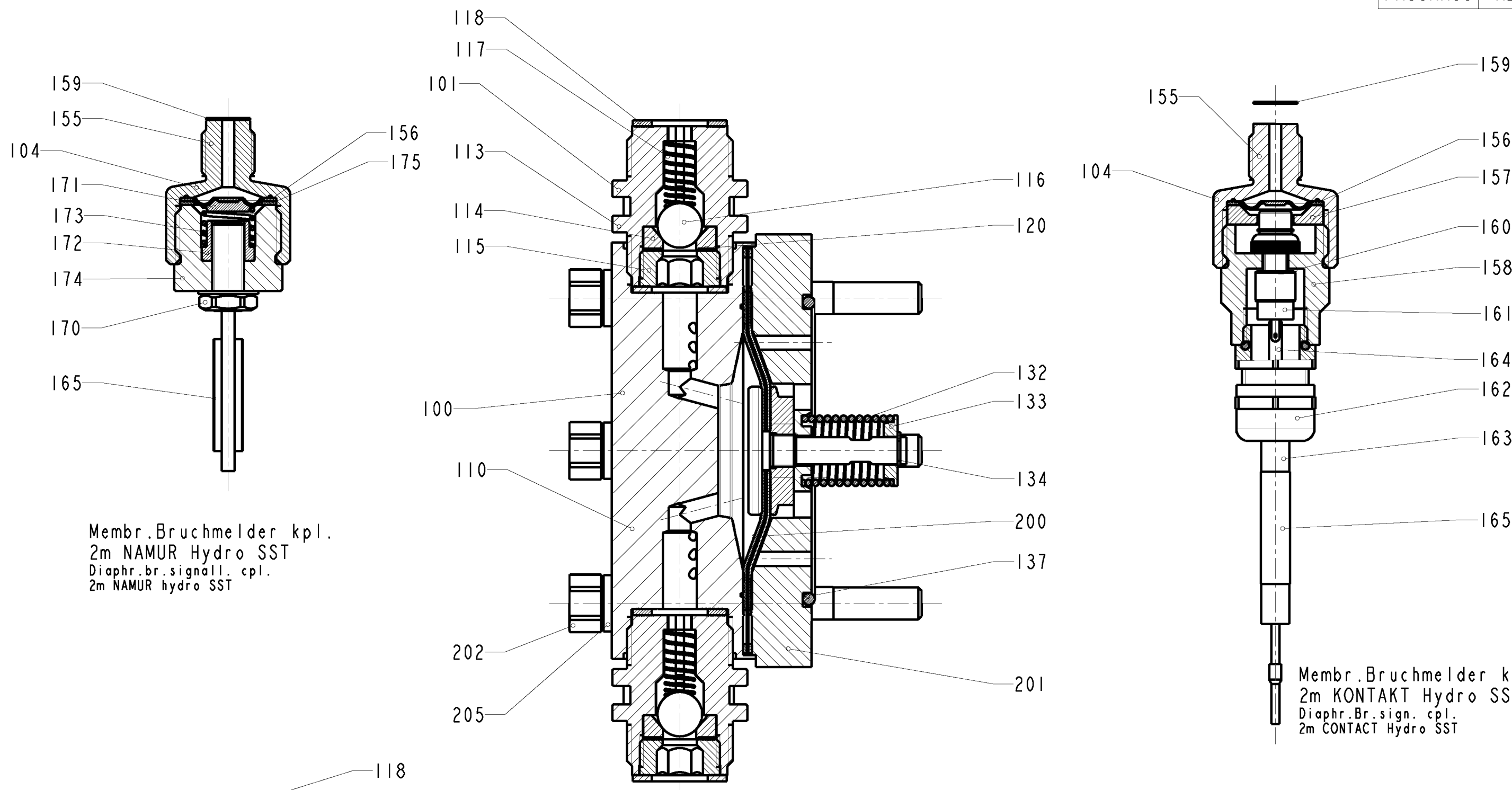


Pos. 104
Membr. Bruchmelder kpl.
2m NAMUR Hydro SST
Diaphr.br.sign. cpl.
2m NAMUR Hydro SST



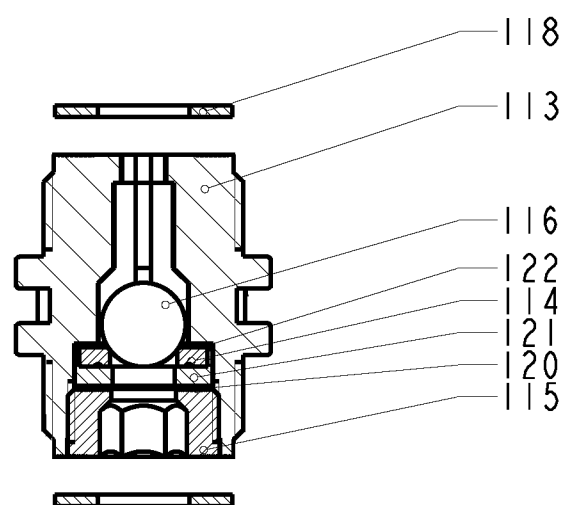
Pos. 103, 108, 109, 111, 206 ohne Darstellung
Pos. 103, 108, 109, 111, 206 without illustration

		Werkstueck- kanten		Allg. Tol.		Oberfl.		Maßstab scale		T.-Nr. p.-no.	
								- / -		:	
								Werkstoff material			
								SST0			
					Datum	Name		Bezeichnung/description			
				Bearb.	14-Aug-00	Bonin		Fördereinheit Hydro			
				Gepr.	18.09.00	Arnold		Liquid end Hydro			
				Norm							



Membr.Bruchmelder kpl.
2m NAMUR Hydro SST
Diaphr.br.signall. cpl.
2m NAMUR hydro SST

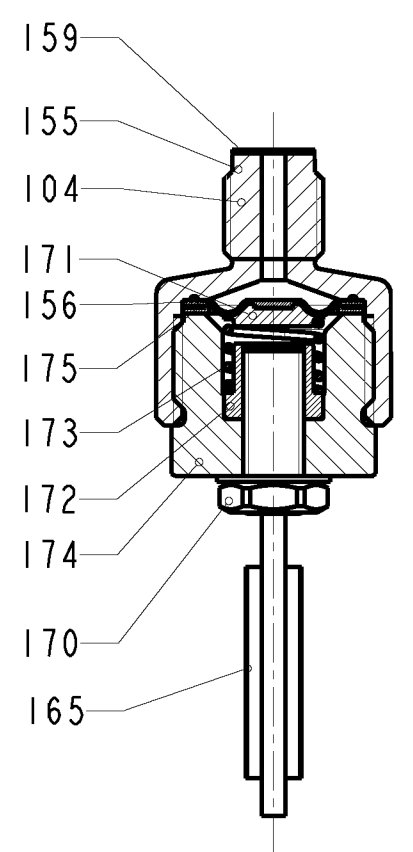
Membr.Bruchmelder kpl.
2m KONTAKT Hydro SST
Diaphr.Br.sign. cpl.
2m CONTACT Hydro SST



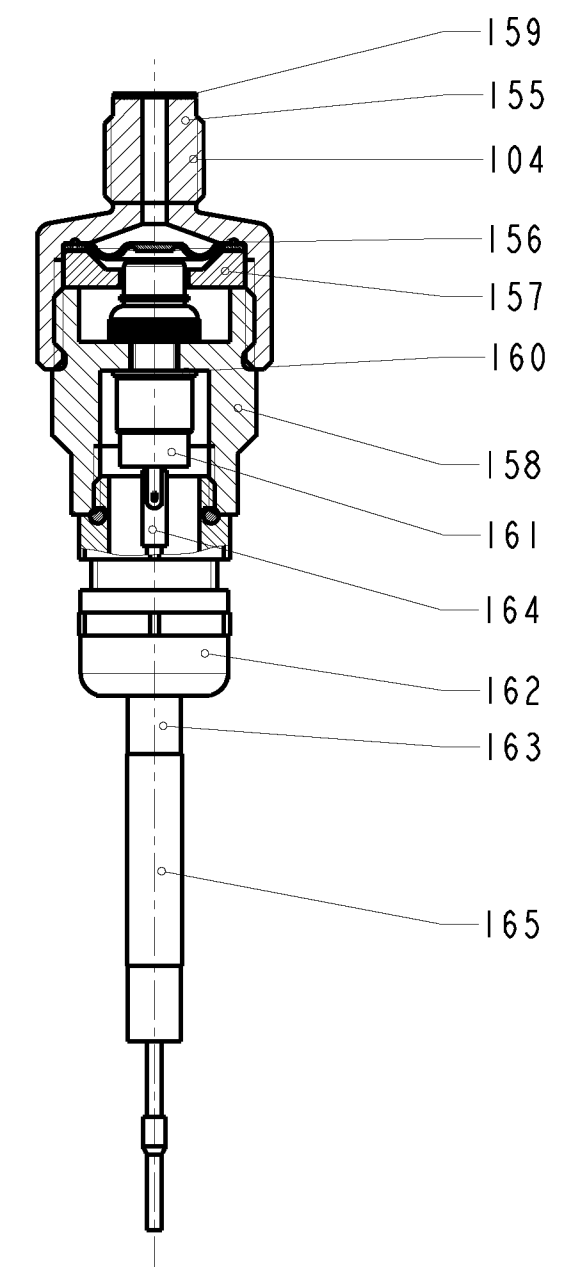
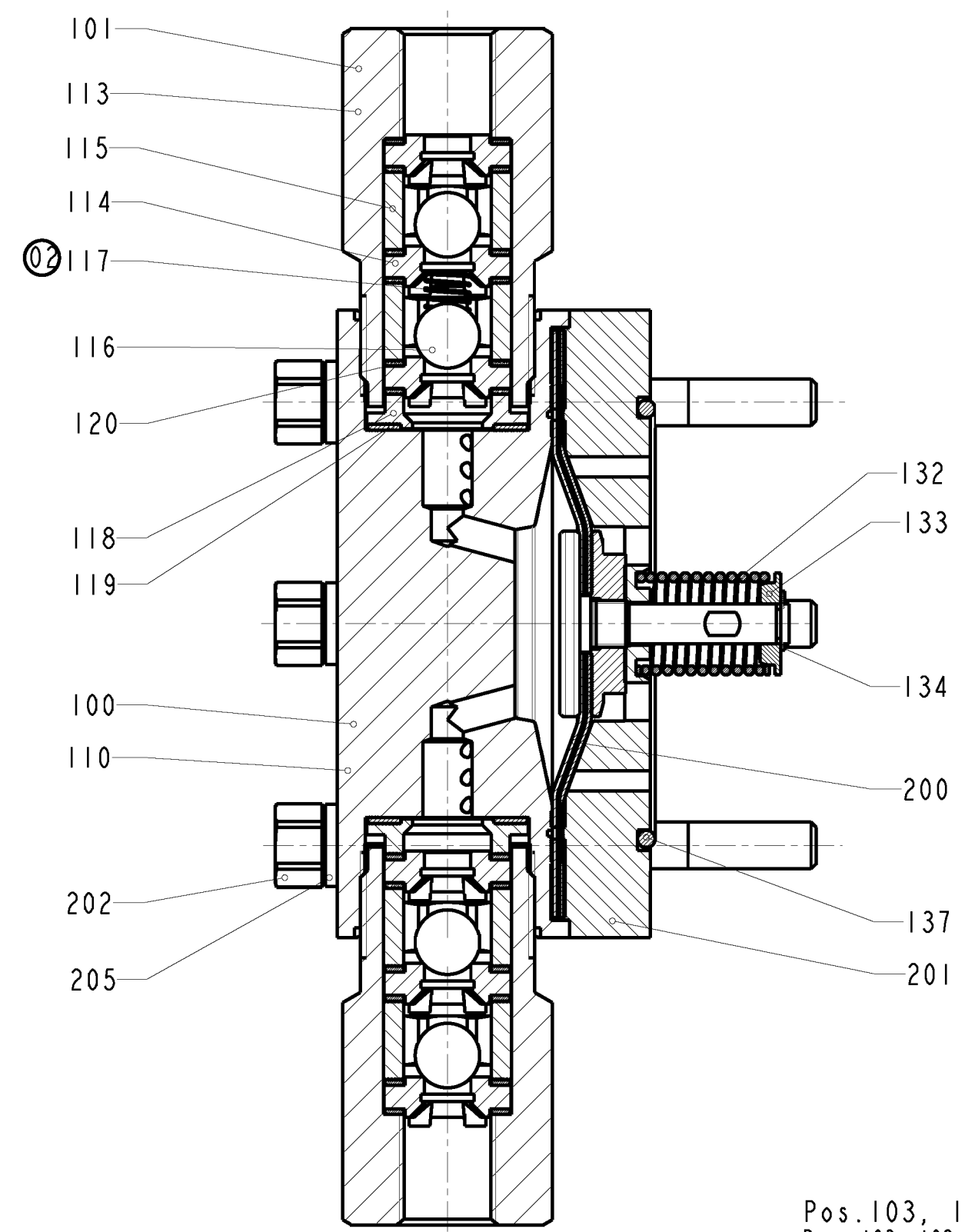
Ausführung von Ventil DN10 (FE 022, FE 060) 02
Model of valve DN10 (FE 022, FE 060)

Pos.103, 108, 109, 111, 206 ohne Darstellung
Pos. 103, 108, 109, 111, 206 without illustration

Werkstueck- kanten		Allg. Tol.		Oberfl.		Masstab scale - / -		T.-Nr. p.-no. * :	
						Werkstoff material SST0			
						Bezeichnung/description			
						Fördereinheit Hydro			
						Liquid end Hydro			
						Zchng.-Nr./drawing no.		Blatt	
02		TEM-02153		27.01.03 Shi		61_05-104_00_49-03		1	
01		TEM-98063		31.08.00 Ba				2	
Zust.		Aend.-Mitt.-Nr.		Datum		Ers. f.		Ers. d.	



Membr.Bruchmelder kpl.
2m NAMUR Hydro SST
Diaphr.br.signall cpl.
2m NAMUR Hydro SST



Membr.Bruchmelder kpl.
2m KONTAKT Hydro SST
Diaphr.br.sign. cpl.
2m CONTACT Hydro SST

Pos.103, 108, 206 ohne Darstellung
Pos. 103, 108, 206 without illustration

		Werkstueck- kanten		Allg. Tol.		Oberfl.	Masstab scale - / -		T.-Nr. p.-no. *
							Werkstoff material SSTD		
							Bezeichnung/description		
				Datum		Name	Fördereinheit Hydro - Doppelkugel Liquid end Hydro - double ball		
				Bearb. 10-Aug-00		Bonin			
				Gepr. 18.09.00		Arnold			
				Norm					
							Zchn.-Nr./drawing no.		Blatt
							61_05-104_00_48-03		1
									2 Bl.
							Ers. f.		Ers. d.

02

06162

08.08.06

Bo

01

TEM-98063

31.08.00

Bo

ProMinent

Dosiertechnik GmbH

Im Schuhmachergewann 5-11

D-69123 Heidelberg

Postfach 101760 D-69007 Heidelberg

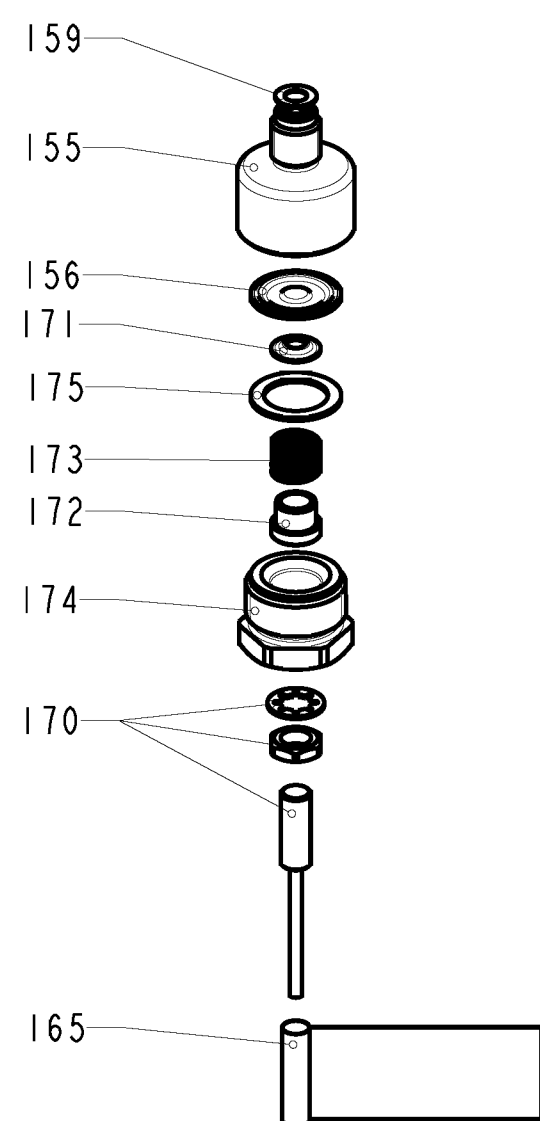
Zust.

Aend.-Mitt.-Nr.

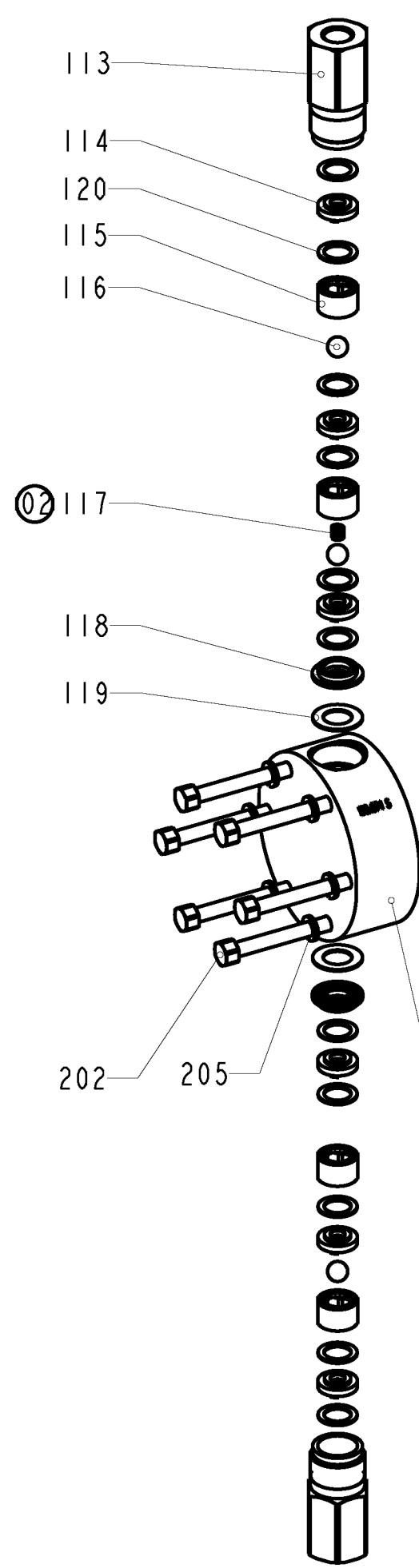
Datum

Name

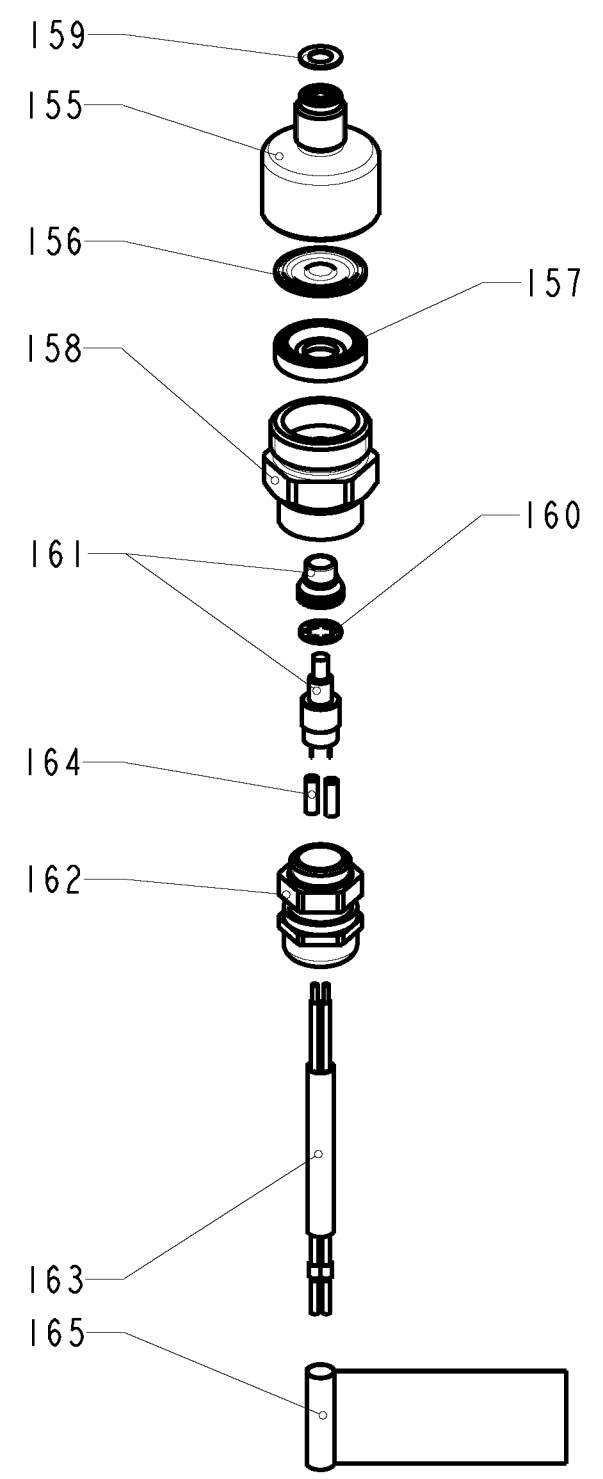
Ursprung



Pos. 104
Membr. Bruchmelder kpl.
2m NAMUR Hydro SST
Diaphr.br.sign. cpl.
2m NAMUR Hydro SST



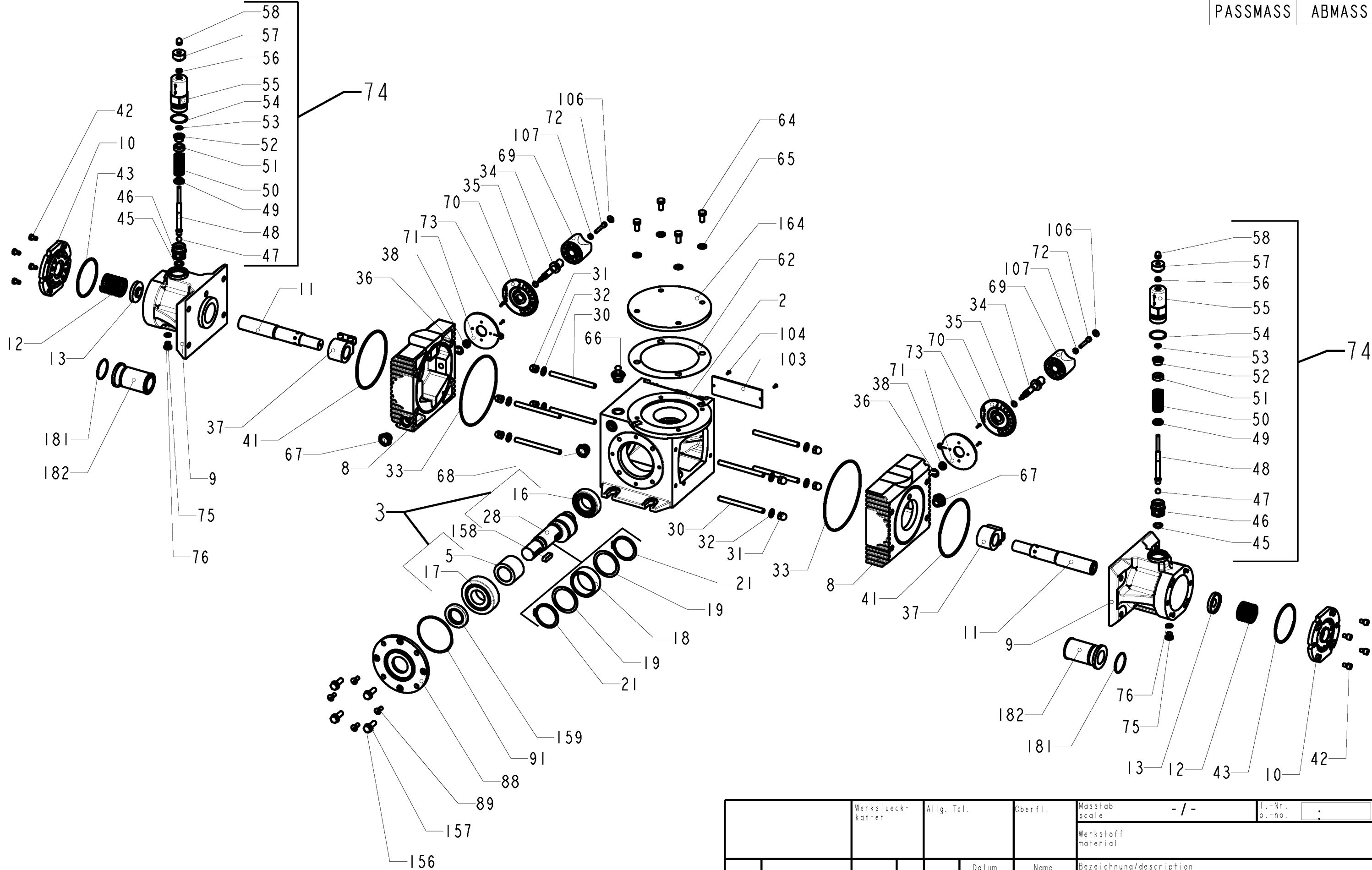
Pos. 104
Membr. Bruchmelder kpl.
2m KONTAKT Hydro SST
Diaphr.br.sign. cpl.
2m CONTACT Hydro SST



Pos.103, 108, 206 ohne Darstellung
Pos. 103, 108, 206 without illustration

		Werkstueck- kanten		Allg. Tol.		Oberfl.		Masstab scale		T.-Nr. p.-no.	
								- / -			
								Werkstoff material		SSTD	
								Bezeichnung/description			
								Fördereinheit Hydro - Doppelkugel			
								Liquid end Hydro - double ball			
								Zchnng.-Nr./drawing no.		Blatt	
								61_05-104_00_48-03		2	
								Ers. f.		Ers. d.	

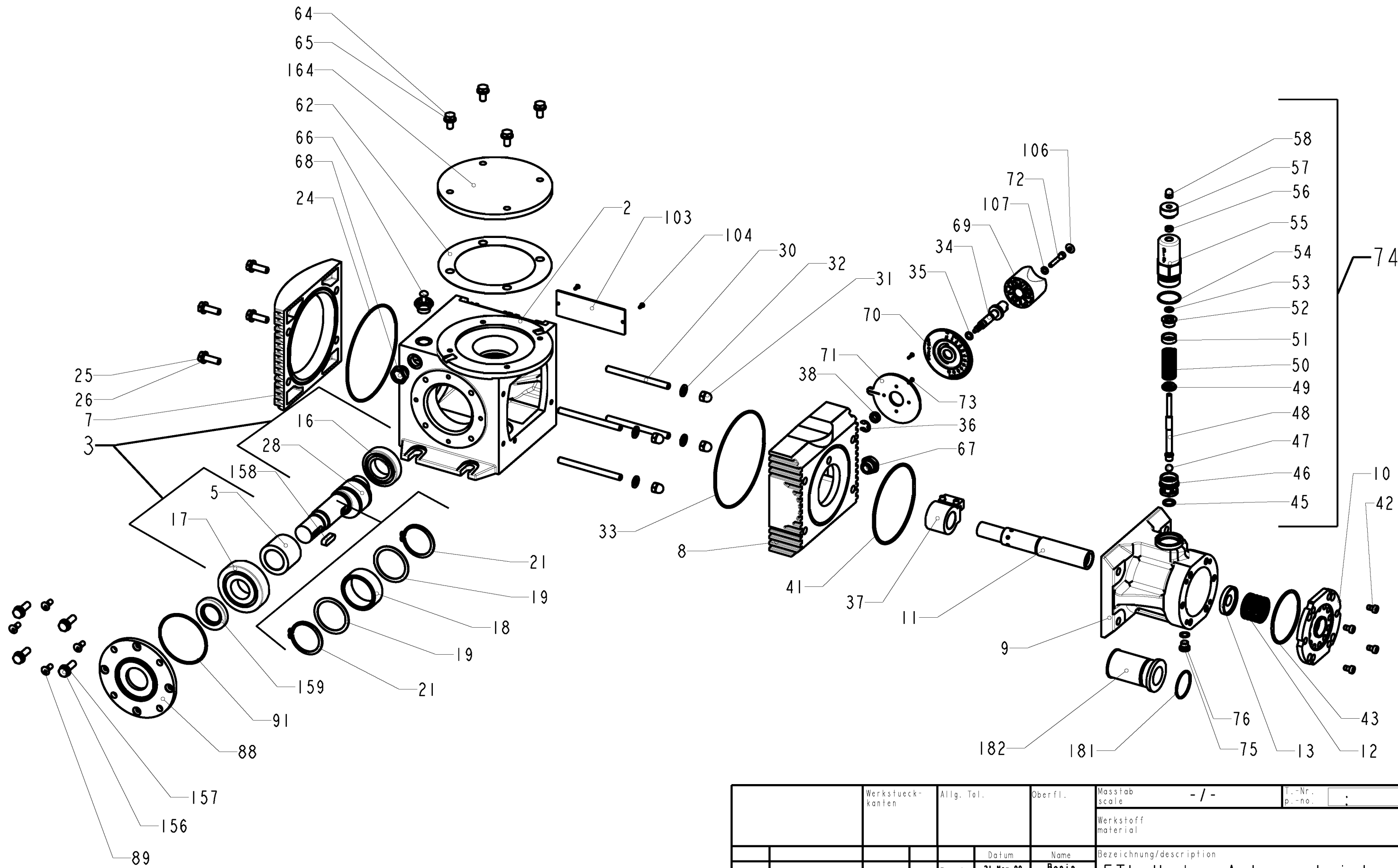
02	06162	08.08.06	Bo	ProMinent Dosiertechnik GmbH Im Schuhmachergewann 5-11 D-69123 Heidelberg Postfach 101760 D-69007 Heidelberg	
01	TEM-98063	31.08.00	Bo		
Zust.	Aend.-Mitt.-Nr.	Datum	Name	Ursprung	



ohne Darstellung: 105
without illustration: 105

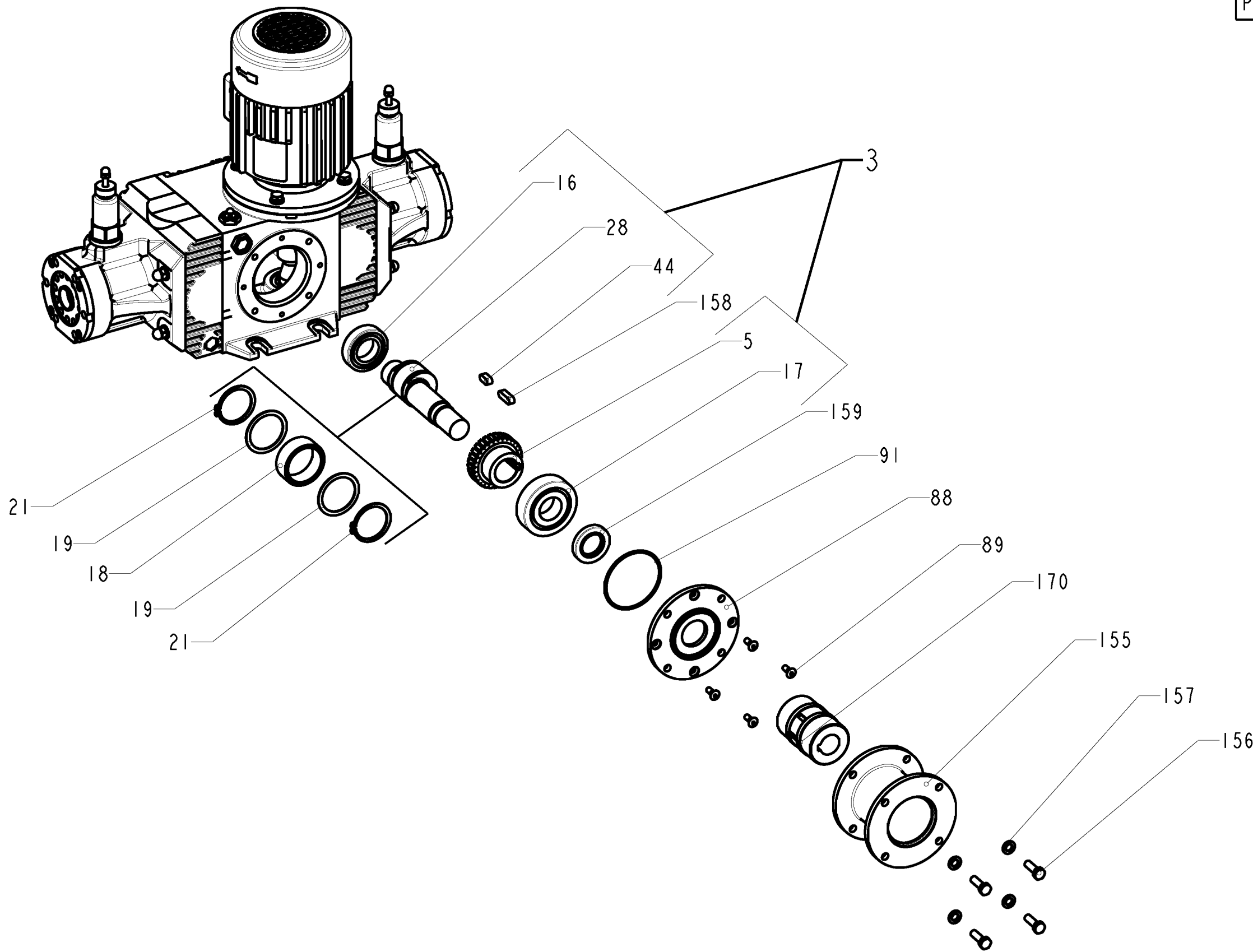
Werkstueck- kanten		Allg. Tol.		Oberfl.		Masstab scale - / -		T.-Nr. p.-no.	
						Werkstoff material			
						Bezeichnung/description			
						ETL Hydro Anbauantrieb Doppelkopf			
						SPL Hydro add-on drive unit double head			
						Zchnng.-Nr./drawing no.		Blatt	
						61_02-104_00_12-03		1	
								1	
						Ers. f.		Ers. d.	

02	04034	17.06.05	Bo	ProMinent Dosiertechnik GmbH Im Schuhmachergewann 5-11 D-69123 Heidelberg Postfach 101760 D-69007 Heidelberg	
01	00108/007	23.11.00	Bo		
Zust.	Aend.-Mitt.-Nr.	Datum	Name	Ursprung	



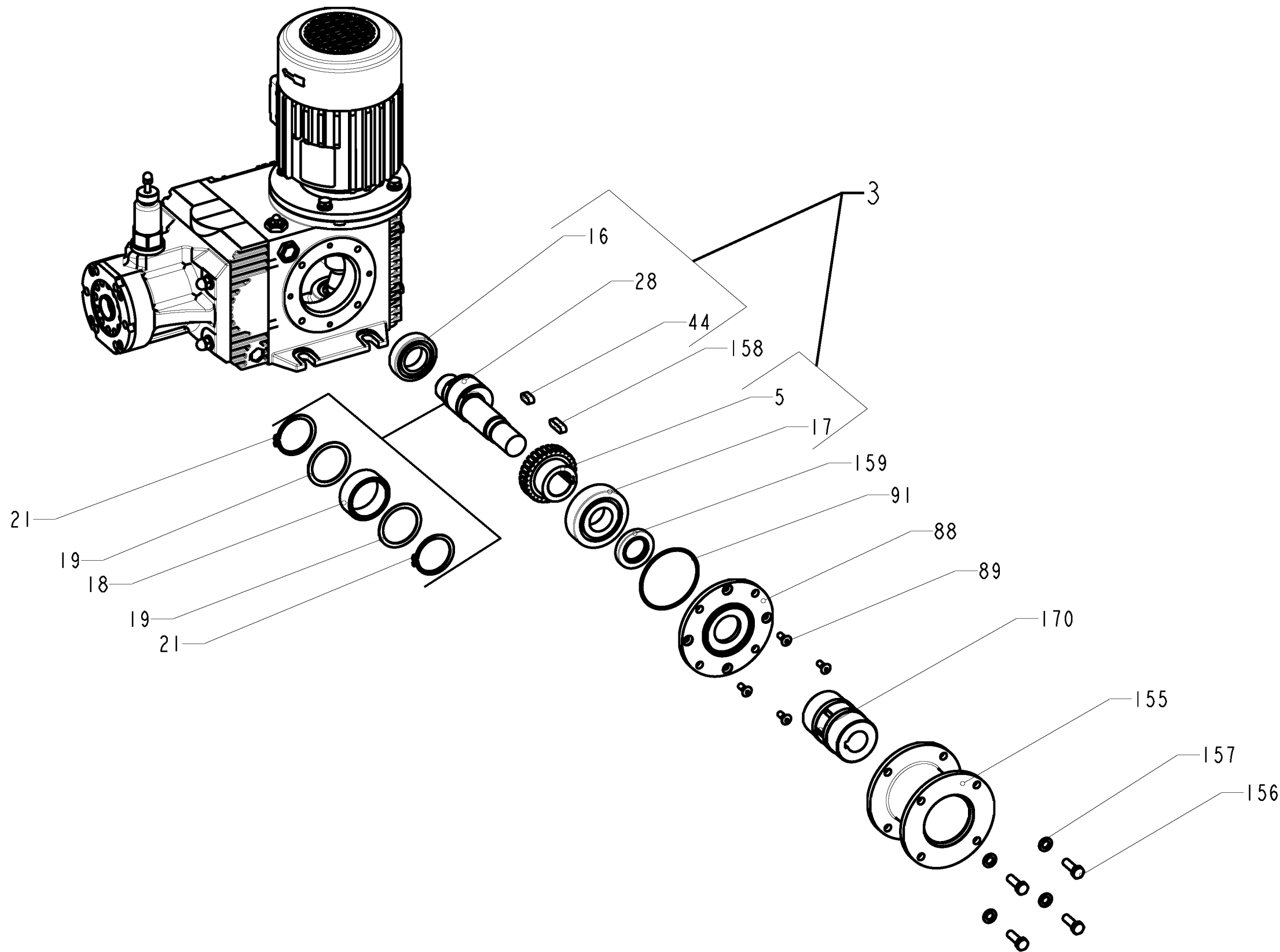
ohne Darstellung: 105
without illustration: 105

		Werkstueck- kanten		Allg. Tol.		Oberfl.		Masstab scale		T.-Nr. p.-no.		:	
								Werkstoff material					
					Datum	Name		Bezeichnung/description					
				Bearb.	21-Nov-00	Bonin		ETL Hydro Anbauantrieb					
				Gepr.	24.11.00	Arnold		SPL Hydro add-on drive unit					
				Norm									
				ProMinent				Zchnng.-Nr./drawing no.				Blatt	
02	04034	17.06.05	Bo	Dosierttechnik GmbH				61_02-104_00_11-03				I	
				Im Schuhmachergewann 5-11									
01	00108/007	21.11.00	Bo	D-69123 Heidelberg								I	
				Postfach 101760 D-69007 Heidelberg								Bl.	
Zust.		Aend.-Mitt.-Nr.		Datum		Name		Ursprung		Ers. f.		Ers. d.	



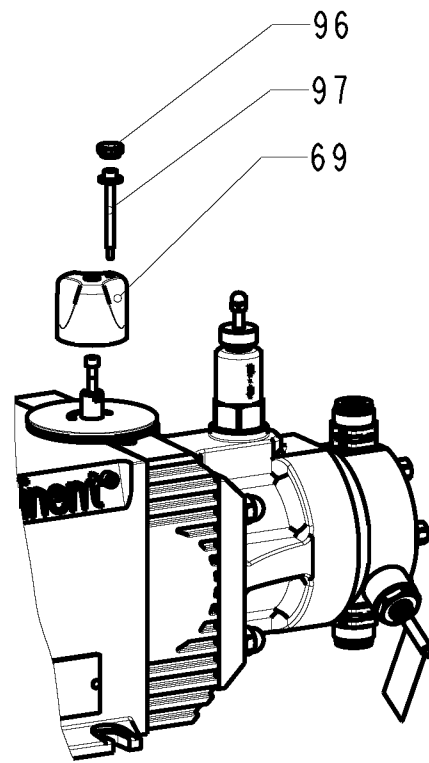
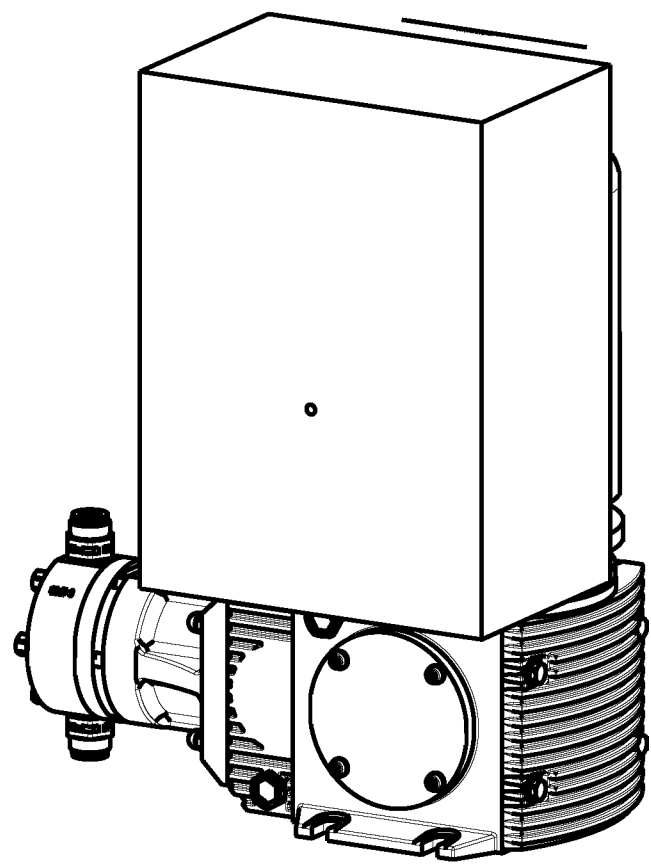
ohne Darstellung: 105
without illustration: 105

		Werkstueck- kanten		Allg. Tol.		Oberfl.		Masstab scale		- / -		T.-Nr. p.-no.		:	
								Werkstoff material							
					Datum	Name		Bezeichnung/description							
				Bearb.	24-Nov-00	Bonin		ETL Hydro Hauptantrieb Doppelkopf							
				Gepr.	24.11.00	Arnold		für Anbau vorbereitet							
				Norm				SPL Hydro main drive unit double head							
								prep. for add-on							
				ProMinent Dosiertechnik GmbH Im Schuhmachergewann 5-11 D-69123 Heidelberg Postfach 101760 D-69007 Heidelberg				Zchnng.-Nr./drawing no.				Blatt			
01	00108/007	24.11.00	Bo					61_02-104_00_10-03				1			
												1 Bl.			
Zust.	Aend.-Mitt.-Nr.	Datum	Name	Ursprung				Ers. f.				Ers. d.			



ohne Darstellung: 105
without illustration: 105

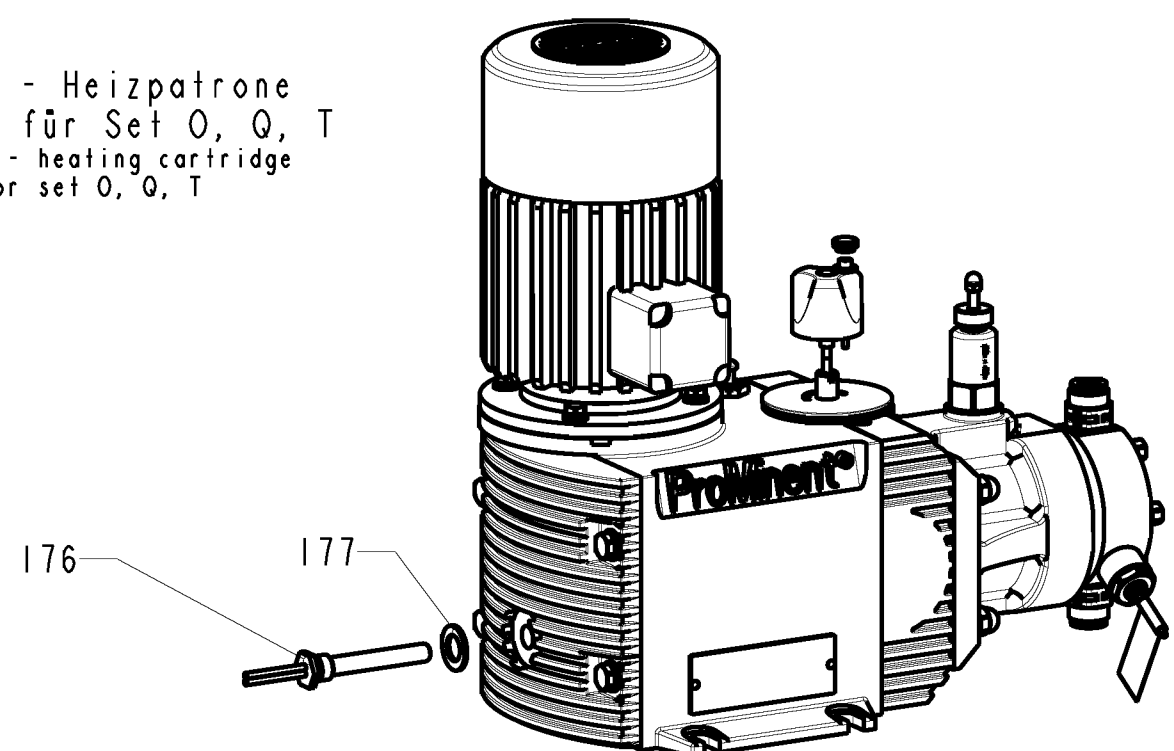
		Werkstueck- kanten		Allg. Tol.		Oberfl.		Masstab scale		- / -		T.-Nr. p.-no.		: 	
								Werkstoff material							
					Datum	Name		Bezeichnung/description							
				Bearb.	23-Nov-00	Bonin		ETL Hydro Hauptantrieb für Anbau vorbereitet							
				Gepr.	24.11.00	Arnold		SPL Hydro main drive unit - prep. for add-on							
				Norm											



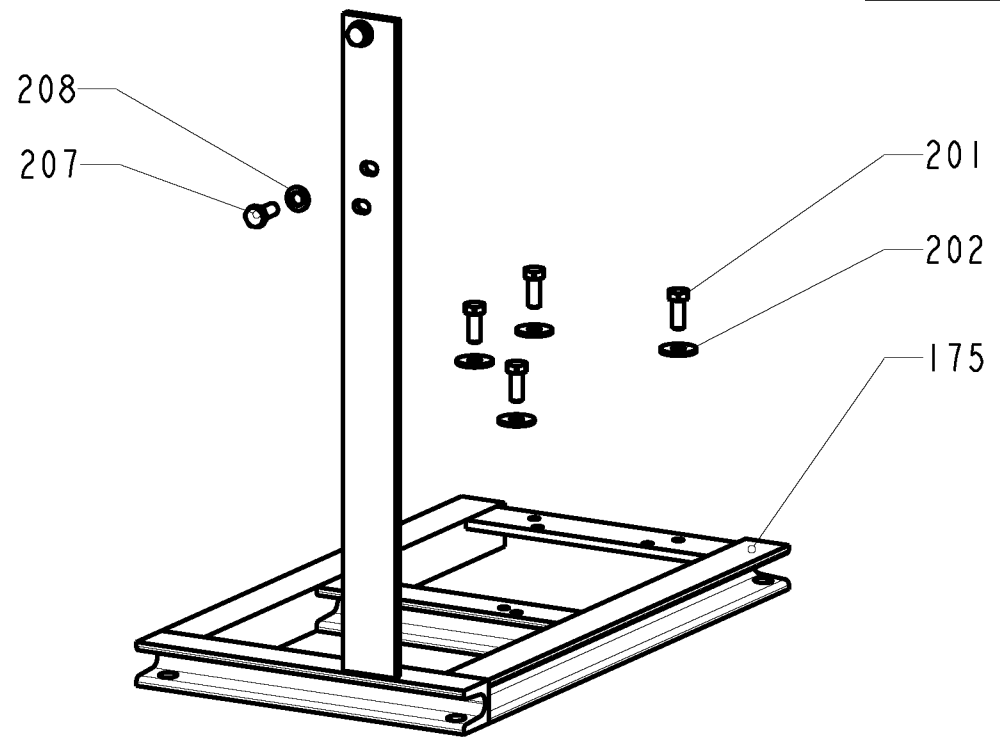
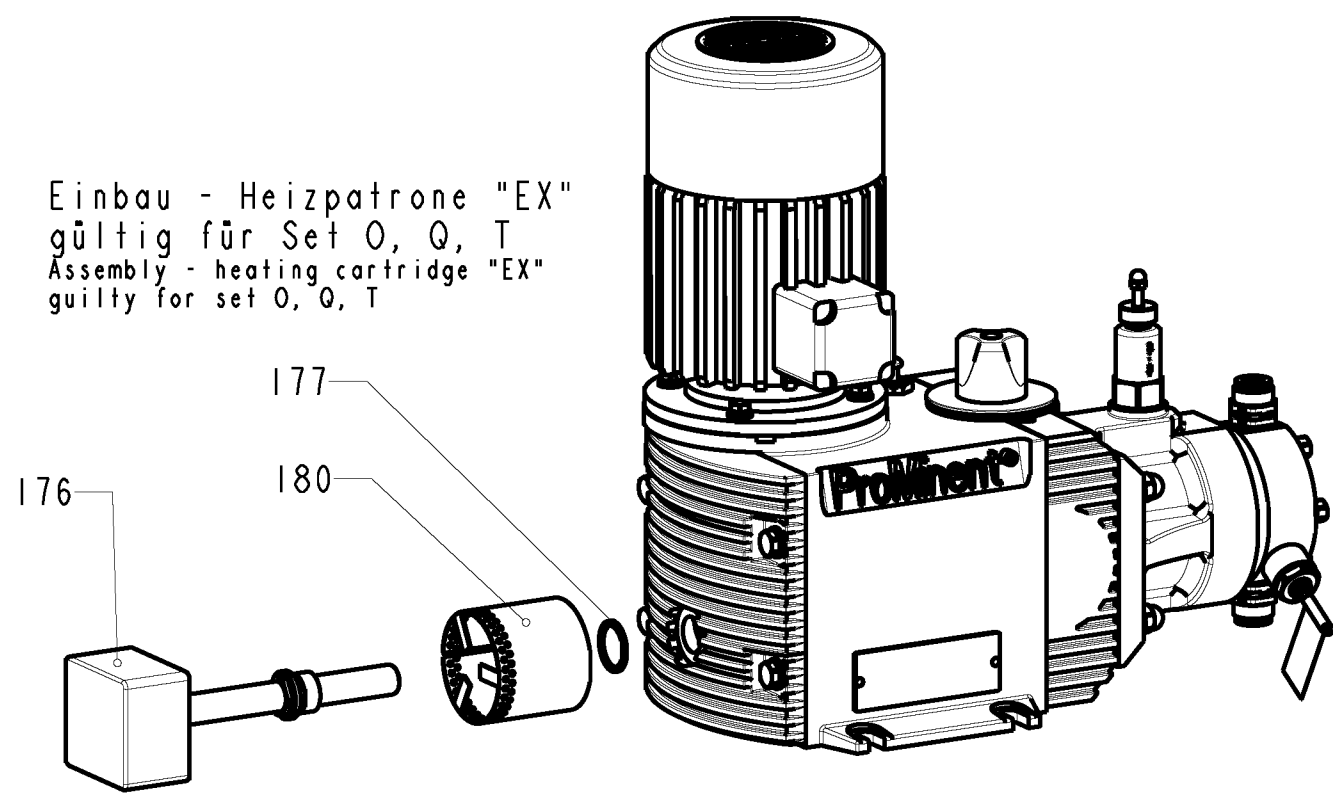
Hubeinstellknopf mit
Feststellschraube (API)
gültig für Set O, P, Q, R, T, U

Stroke adjust. button with set screw (API)
guilty for set O, P, Q, R, T, U

Einbau - Heizpatrone
gültig für Set O, Q, T
Assembly - heating cartridge
guilty for set O, Q, T



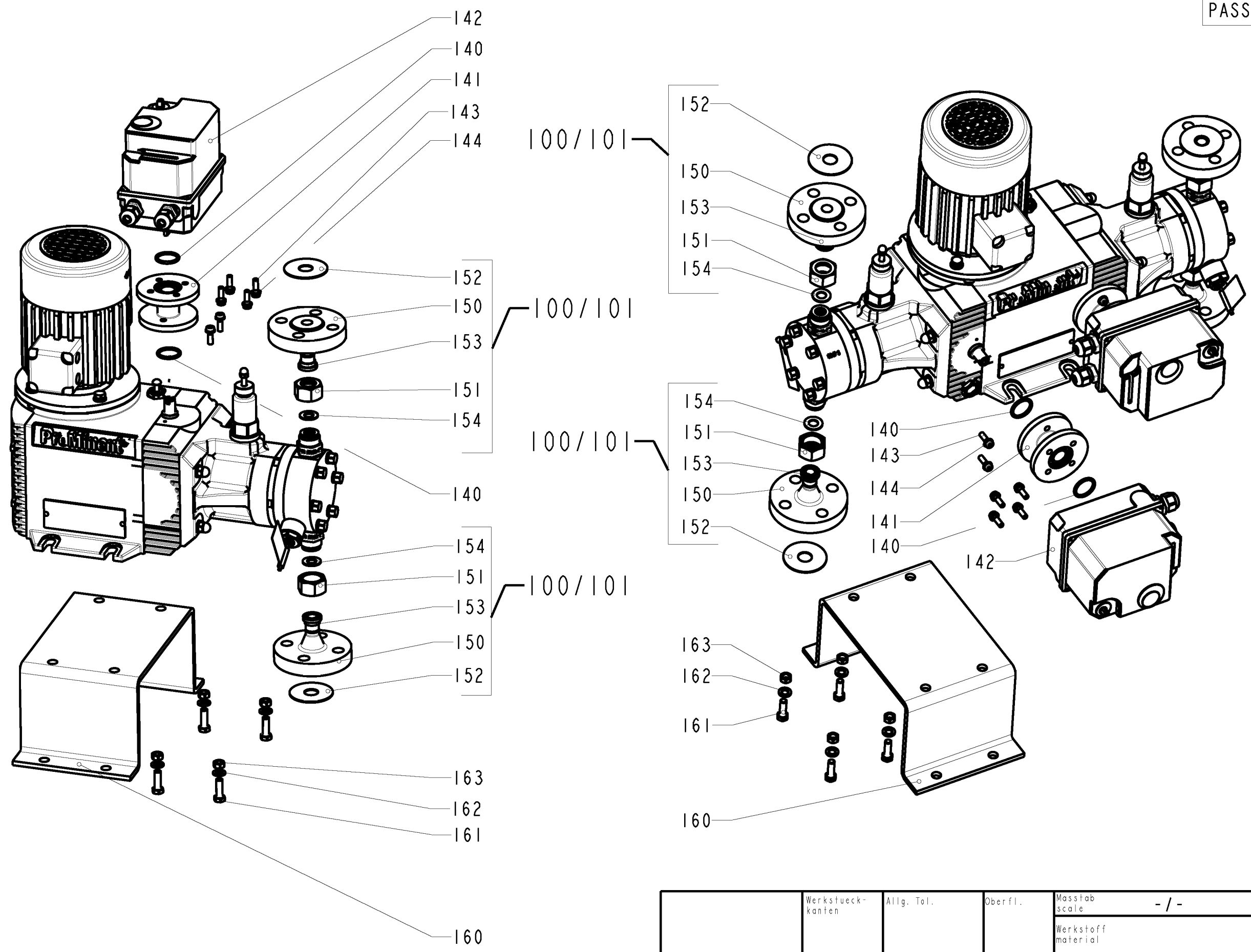
Einbau - Heizpatrone "EX"
gültig für Set O, Q, T
Assembly - heating cartridge "EX"
guilty for set O, Q, T



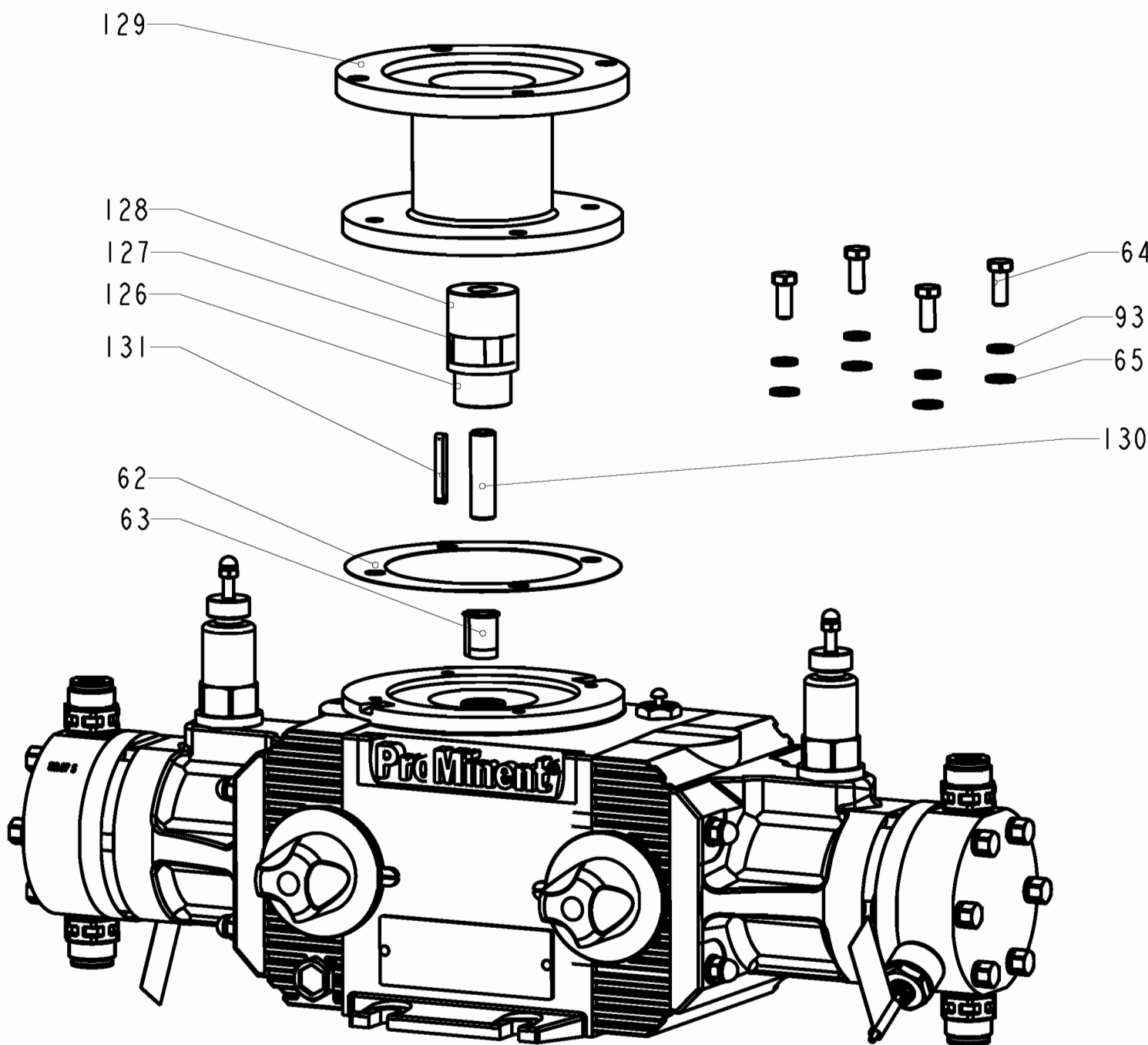
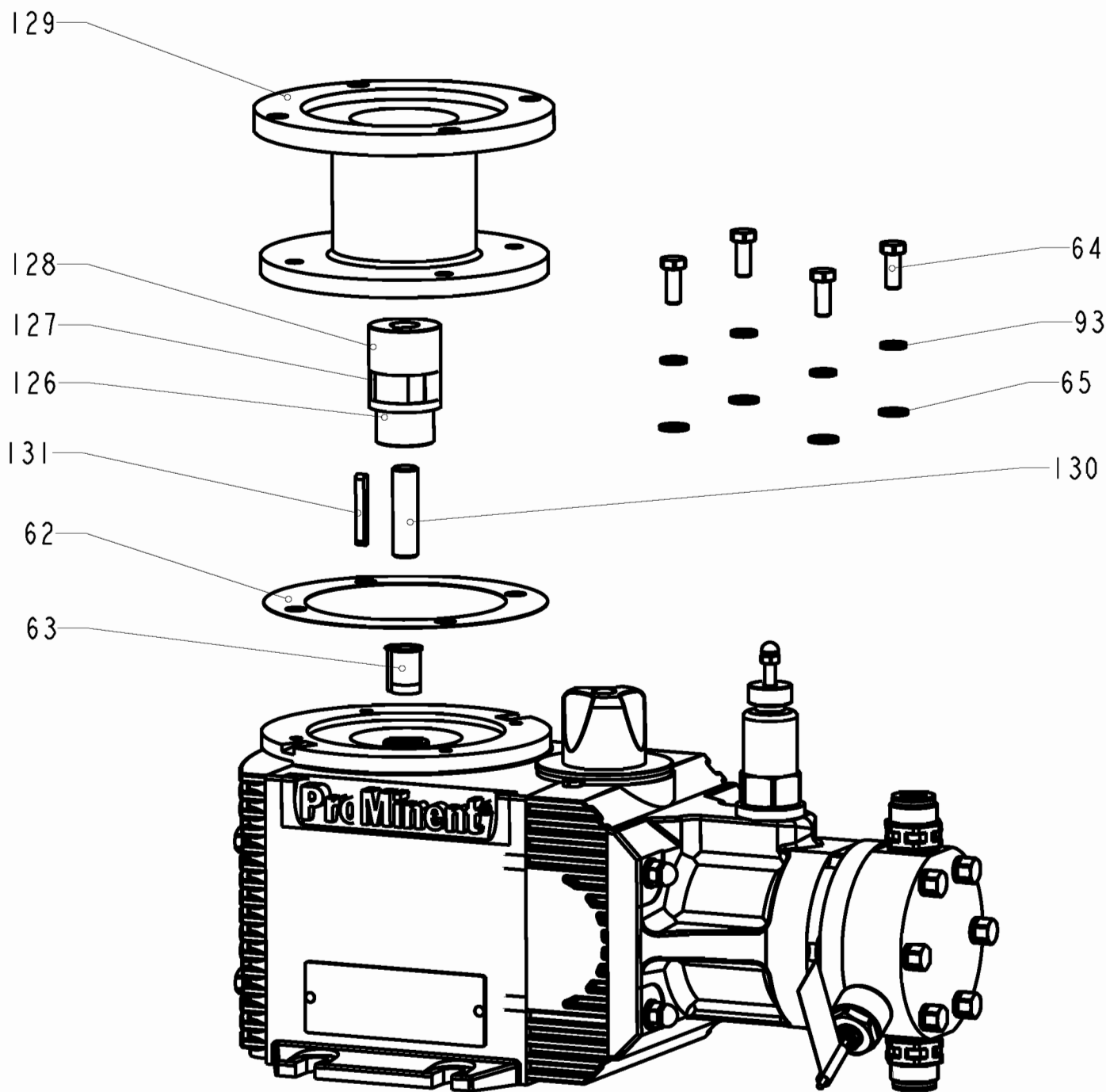
Pumpe mit Rahmen für EX-FU-Motor
gültig für Set T, U

Pump with frame for EX-FU-motor
guilty for set T, U

		Werkstueck- kanten		Allg. Tol.		Oberfl.		Masstab scale		- / -		T.-Nr. p.-no.		:	
										Werkstoff material					
					Datum	Name		Bezeichnung/description							
				Bearb.	17-Jun-05	Bonin		Ersatzteil Hydro - Optionen Spare part Hydro - options							
				Gepr.	17-Jun-05	Arnold									
				Norm											



		Werkstueck- kanten	Alig. Tol.	Oberfl.	Masstab scale	- / -	T.-Nr. p.-no.	
					Werkstoff material			
					Bezeichnung/description			
					Ersatzteil Hydro Optionen			
					Sparepart Hydro options			
					Zchnng.-Nr./drawing no.		Blatt	
02	04034	17.06.05	Bo	ProMinent	61_02-104_00_04-03		1	
01	98063/027	18.09.00	Shi	Dosiertechnik GmbH			2	
Zust.		Aend.-Mitt.-Nr.	Datum	Name	Ers. f.		Ers. d.	
				Ursprung				

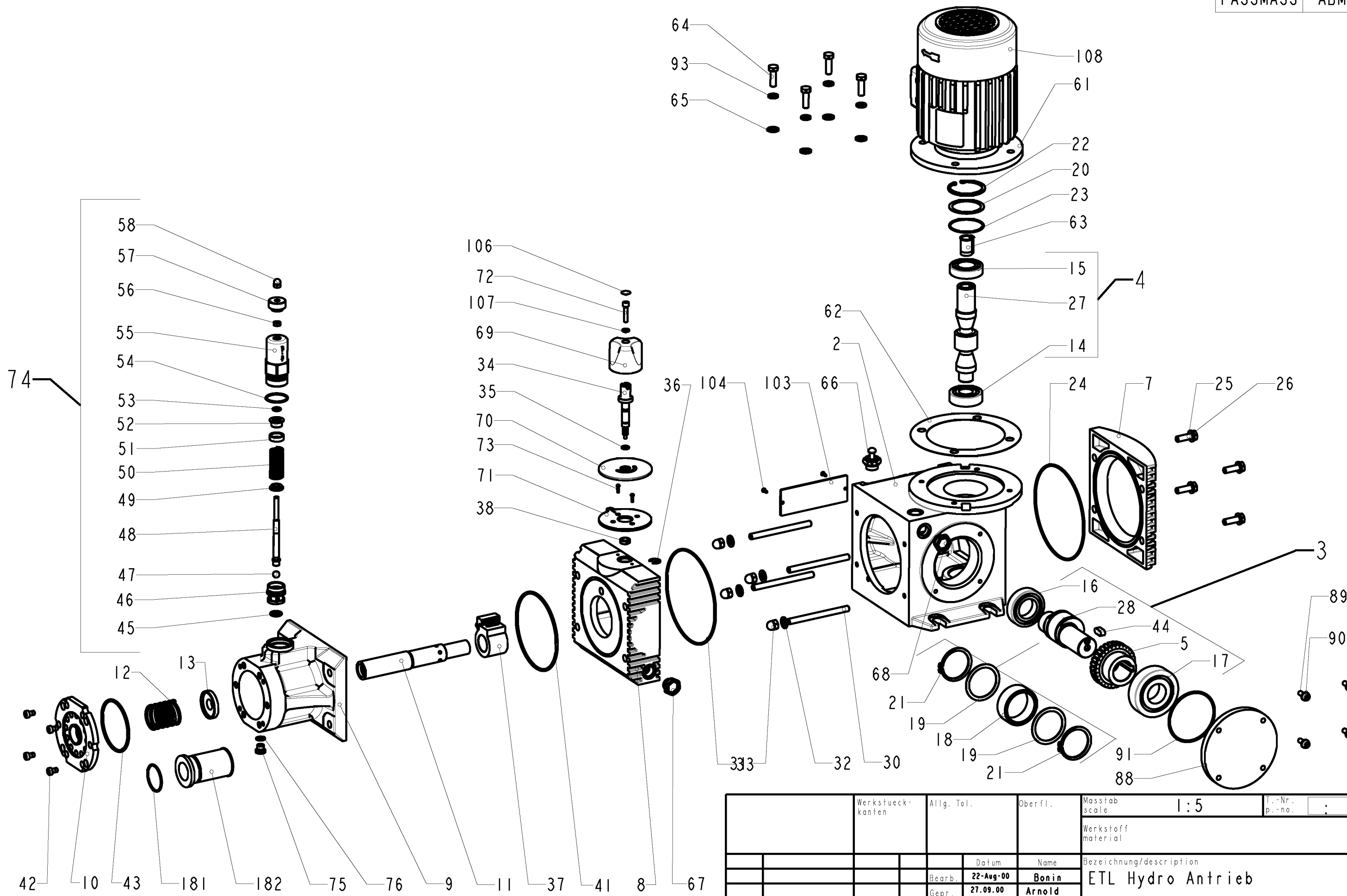


Schutzvermerk nach DIN34 beachten
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			Werkstueck- kanten		Allg. Tol.		Oberfl.		Masstab scale			T.-Nr. p.-no.			
									Werkstoff material						
						Datum	Name		Bezeichnung/description						
					Bearb.	18-Sep-00	Schrievers		HP2/HP3 USA-56C-Flansch						
					Gepr.	18.09.00	Arnold		HP2/HP3 USA-56C-flange						
					Norm										
					ProMinent Dosiertechnik GmbH Im Schuhmachergewann 5-11 D-69123 Heidelberg Postfach 101760 D-69007 Heidelberg				Zchnng.-Nr./drawing no.				Blatt		
02	02024	18.06.02	Bo					61_02-104_00_03-03				I			
01	98063/027	18.09.00	Shi									I Bl.			
Zust.		Aend.-Mitt.-Nr.		Datum		Name		Ursprung		Ers. f.			Ers. d.		



		Werkstueck- kanten		Allg. Tol.		Oberfl.		Masstab scale		T.-Nr. p.-no.		:	
								Werkstoff material					
					Datum	Name		Bezeichnung/description					
				Bearb.	24-Aug-00	Bonin		ETL Hydro Antrieb Doppelkopf					
				Gepr.	27.09.00	Arnold		SPL Hydro drive unit double head					
				Norm									
03	04034	17.06.05	Bo	ProMinent				Zchnng.-Nr./drawing no.				Blatt	
02	02024	18.06.02	Bo	Dosiertechnik GmbH				61_02-104_00_02-03				I	
01	98063/027	27.09.00	Bo	im Schuhmachergewann 5-11 D-68123 Heidelberg Postfach 101760 D-68007 Heidelberg								I Bl.	
Zust.	Aend.-Mitt.-Nr.	Datum	Name	Ursprung				Ers. f.				Ers. d.	



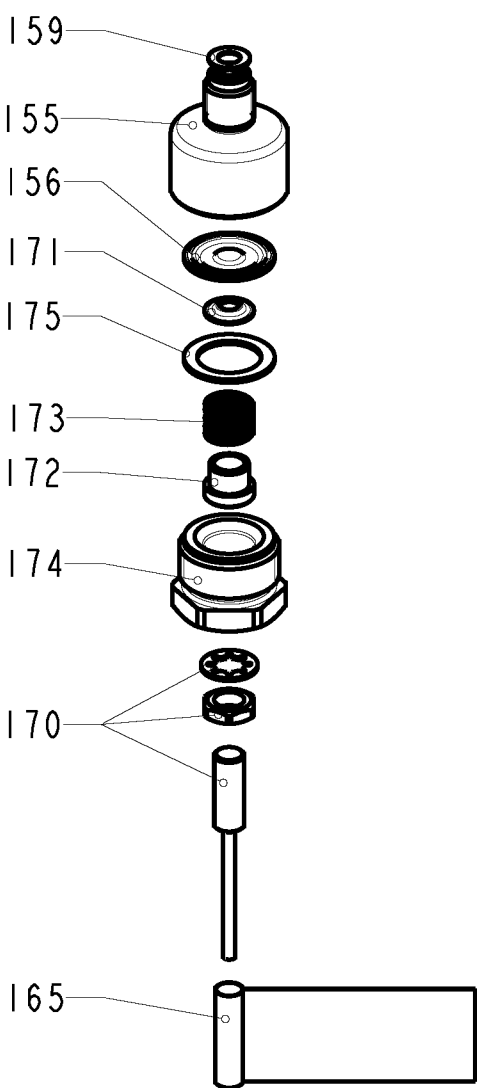
			Werkstueck- kanten		Allg. Tol.		Oberfl.		Masstab scale		1:5		T.-Nr. p.-no.		:	
										Werkstoff material						
					Datum		Name		Bezeichnung/description							
					Bearb.		22-Aug-00		Bonin		ETL Hydro Antrieb					
					Gepr.		27.09.00		Arnold							
					Norm						SPL Hydro drive unit					
03	04034	07.06.05	Bo	ProMinent					Zchn.-Nr./drawing no.					Blatt		
02	02024	18.06.02	Bo	Dosiertechnik GmbH					61_02-104_00_01-03					I		
01	98063/027	27.09.00	Bo	Im Schuhmachergewann 5-11 D-69123 Heidelberg Postfach 101760 D-69007 Heidelberg										I Bl.		
Zust.		Aend.-Mitt.-Nr.		Datum		Name		Ursprung		Ers. f.				Ers. d.		

ohne Darstellung: 105
without illustration: 105

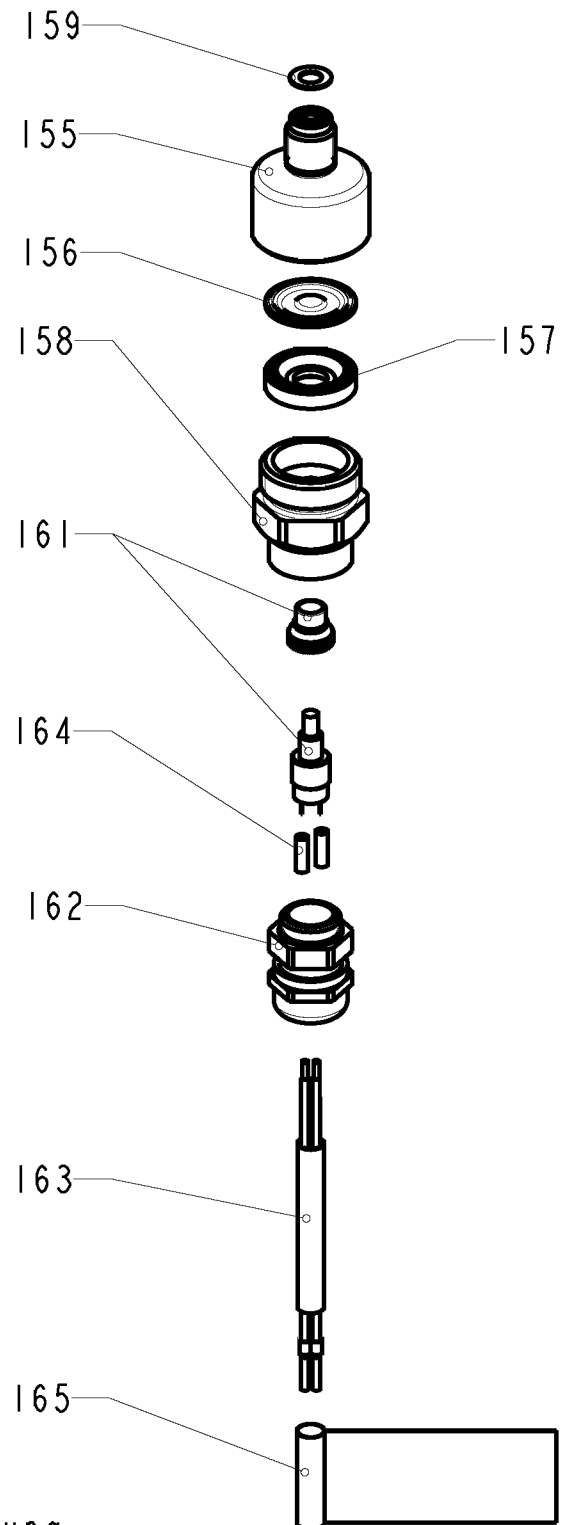
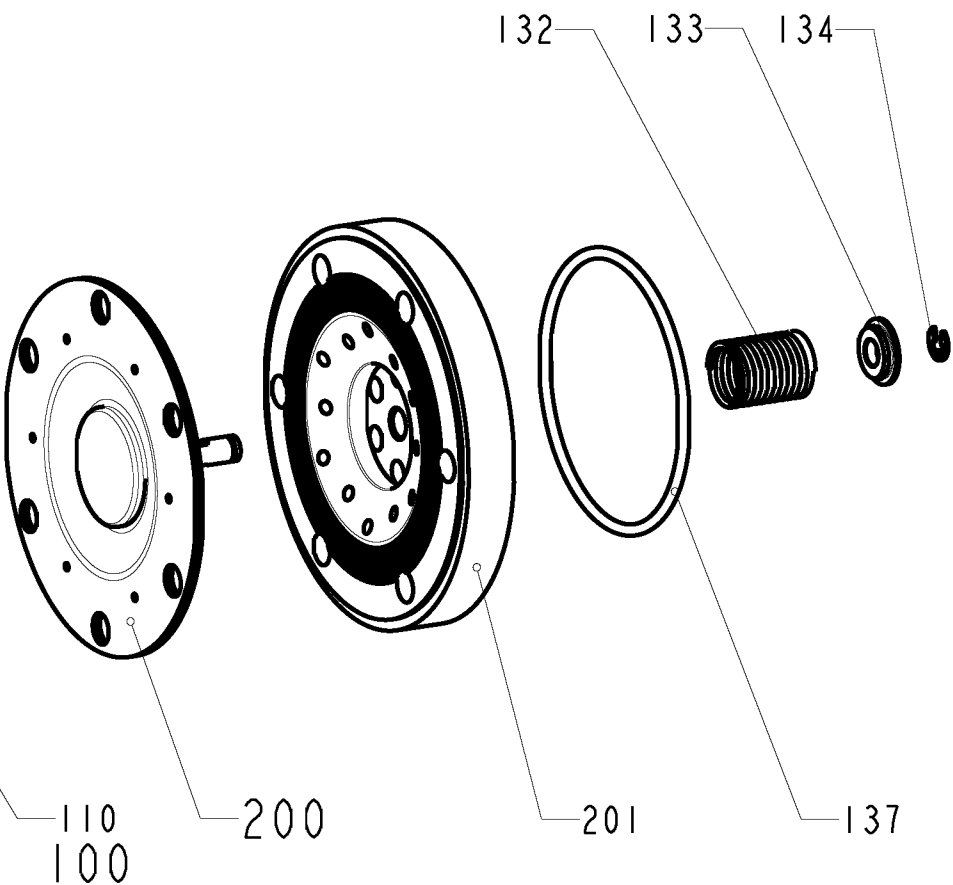
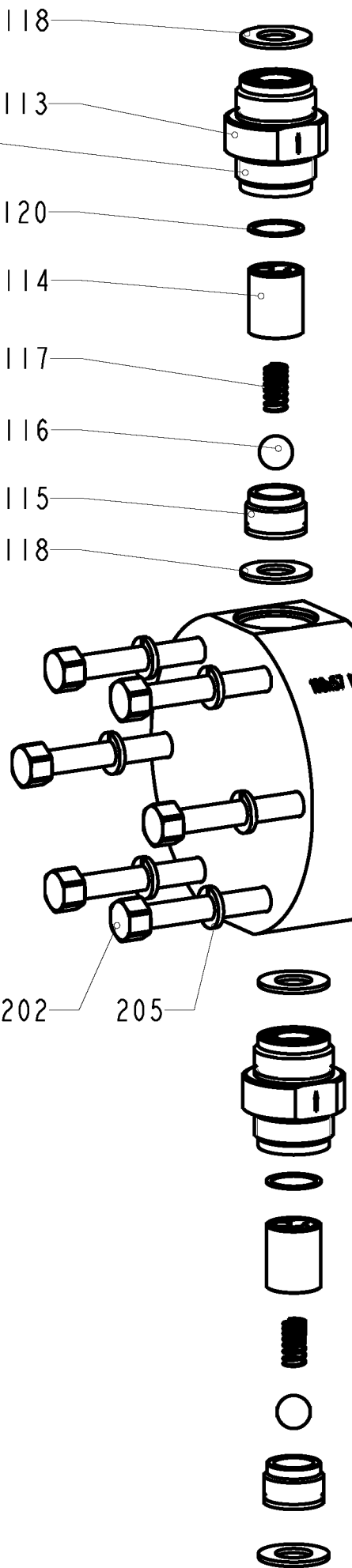
Pos. 104

Membr. Bruchmelder kpl.
2m KONTAKT Hydro SST
Diaphr.br.sign.cpl.
2m CONTACT Hydro SST

Pos. 1
Fördereinheit
Liquid end

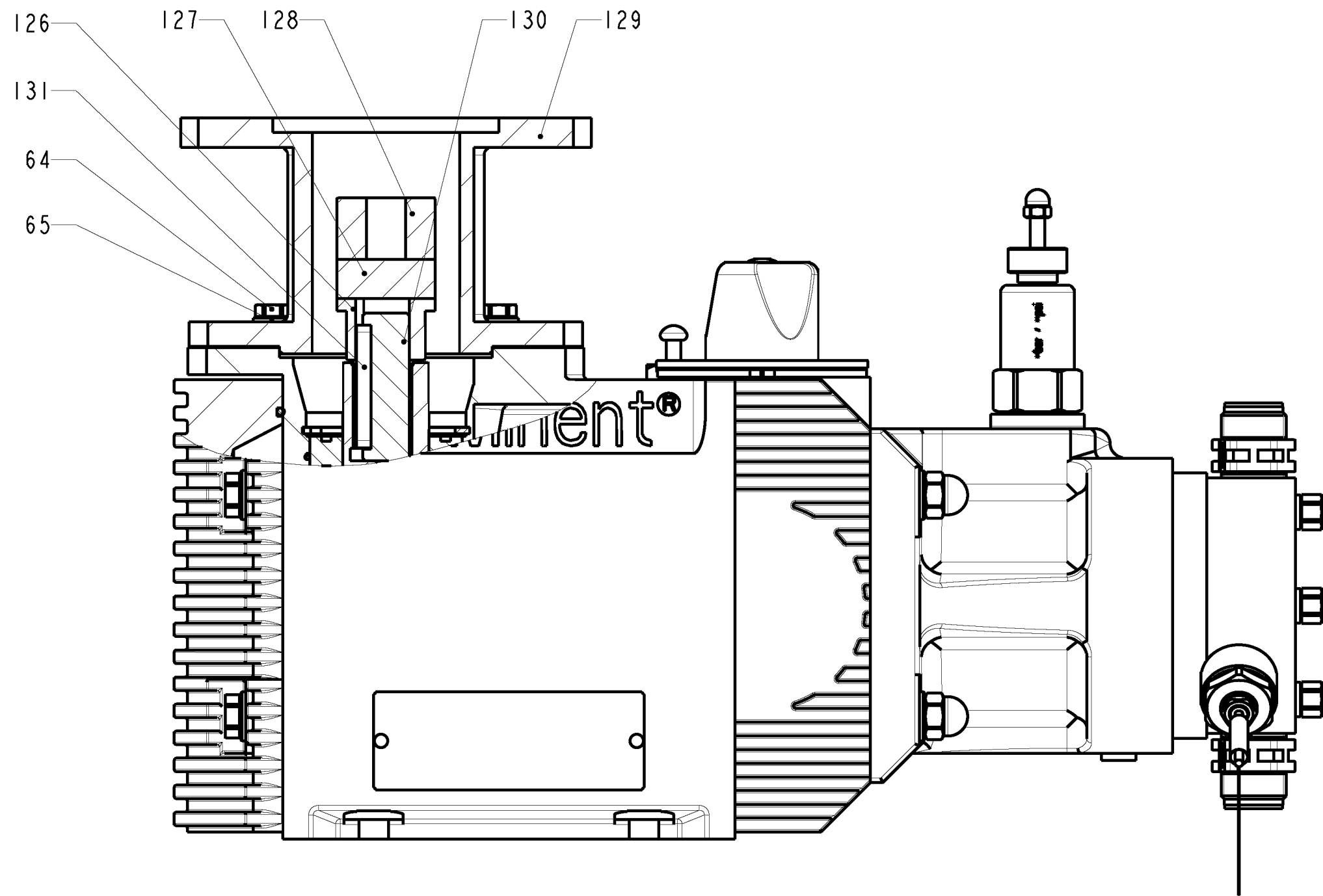


Pos. 104
Membr. Bruchmelder kpl.
2m NAMUR Hydro SST
Diaphr.br.sign.cpl.
2m NAMUR Hydro SST



Pos. 103, 108, 109, 206 ohne Darstellung
Pos. 103, 108, 109, 206 without illustration

				Werkstueck- kanten		Allg. Tol.		Oberfl.		Massstab scale		- / -		T.-Nr. p.-no.		:			
										Werkstoff material								HCT	
							Datum	Name		Bezeichnung/description									
						Bearb.	11-May-01	Bon in		Fördereinheit Hydro									
						Gepr.	15.07.02	Bubb		Liquid end Hydro									
						Norm													



			Werkstueck- kanten		Allg. Tol.		Oberfl.		Masstab scale			T.-Nr. p.-no.		:	
									Werkstoff material						
						Datum	Name		Bezeichnung/description						
					Bearb.	15-Sep-00	Schrievers		Hydro HP3 USA-56C-Flansch						
					Gepr.				Hydro HP3 USA-56C-flange						
					Norm										
							</								