

Spare parts list

Product Unit
Axial Piston Units

Part No.: R902094332

Designation: A4VG125EP2D1/32R-NSF02F691LP

Drawing no.: R902007157

Pos.	Part No.	Designation	Quantity	
1	R902087446	ROTARY GROUP	1 ST	L
2	R902011331	CONTROL, HYDRAULIC	1 ST	L
3	R909609519	PORT PLATE WITH VALVES	1 ST	L
4	R909606329	INTERNAL GEAR PUMP ASSEMBLY	1 ST	L
5	R902069123	CONTROL MODULE	1 ST	L
6	R902033760	FILTER, COMPLETE	1 ST	L
10	R902015532	HOUSING	1 ST	
13	R909435016	JOINT PIN	2 ST	
14	R909405732	DOWEL PIN	1 ST	
20	R909153861	LOCKING SCREW	2 ST	D
21	R909153815	LOCKING SCREW	1 ST	D
22	R909153816	LOCKING SCREW	3 ST	D
24	R909083229	LOCKING SCREW	1 ST	D
25	R909085545	O-RING	1 ST	D
26	R909153572	LOCKING SCREW	1 ST	D
28	R909426700	ORIFICE	2 ST	D
31	R909154427	CLAMPING PIN	2 ST	
32	R909151692	LOCKING SCREW	4 ST	D
35	R909153364	LOCKING SCREW	2 ST	D
37	R909156570	LOCKING SCREW	1 ST	
46	R909154982	THREADED PIN	1 ST	D
47	R909087405	SEAL LOCK NUT	1 ST	D
48	R909151694	LOCKING SCREW	1 ST	D
49	R909426707	ORIFICE	1 ST	

Spare parts list

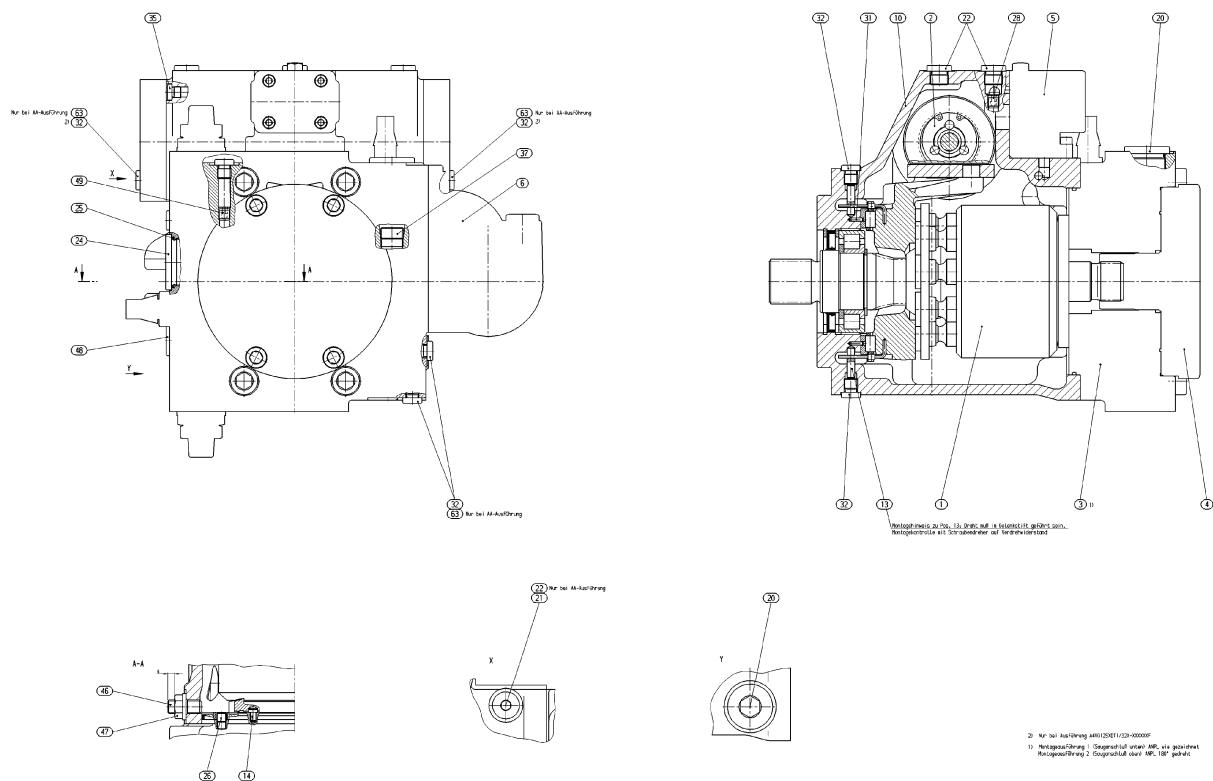
Part No.: R902094332

Designation: A4VG125EP2D1/32R-NSF02F691LP

Product Unit

Axial Piston Units

Drawing no.: R902007157



Spare parts list

Product Unit
Axial Piston Units

Part No.: R902087446
Designation: ROTARY GROUP

Drawing no.: R902079119

Pos.	Part No.	Designation	Quantity	
1	R902079134	ROTARY GROUP, HYDR. SECTION	1 ST	L
2	R902087412	CONTROL PLATE	1 ST	
12	R909445122	CRADLE	1 ST	
13	R909449034	SLIDE RING	1 ST	
14	R909921707	DRIVE SHAFT	1 ST	
17	R909421418	WIRE	2 ST	
26	R902066594	BEARING LINER (PAIR)	1 ST	
31	R909156269	PLAIN ROLLER BEARING	1 ST	
32	R909830578	CRADLE BEARING ASSEMBLY (SET)	1 ST	
36	R909084416	RETAINING RING	1 ST	
37	R902600002	RETAINING RING	2 ST	
38	R902601821	SHAFT SEAL RING	1 ST	D
98	R902002391	SEAL KIT,COMPLETE	1 ST	

Spare parts list

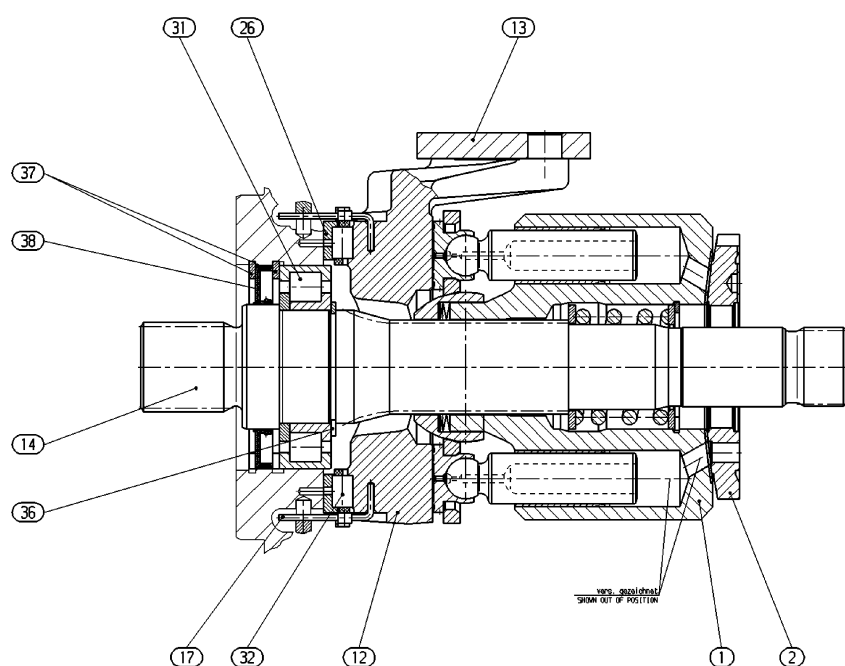
Part No.: R902087446

Designation: ROTARY GROUP

Product Unit

Axial Piston Units

Drawing no.: R902079119



Spare parts list

Product Unit
Axial Piston Units

Part No.: R902079134

Designation: ROTARY GROUP, HYDR. SECTION

Drawing no.: R902064631

Pos.	Part No.	Designation	Quantity
1	R902018861	CYLINDER WITH BUSH	1 ST
2	R902076829	PISTON-SLIPPER PAD	9 ST
11	R909921720	CUP-SPRING STACK	1 ST
20	R909432506	SHIM	1 ST
20	R909432507	SHIM	1 ST
20	R909432505	SHIM	1 ST
20	R909432508	SHIM	1 ST
24	R909921719	RETAINING PLATE	1 ST
25	R909432264	RETAINING BALL	1 ST
27	R909921717	WASHER	2 ST
29	R909435465	PRESSURE SPRING	1 ST
41	R909083405	RETAINING RING	1 ST

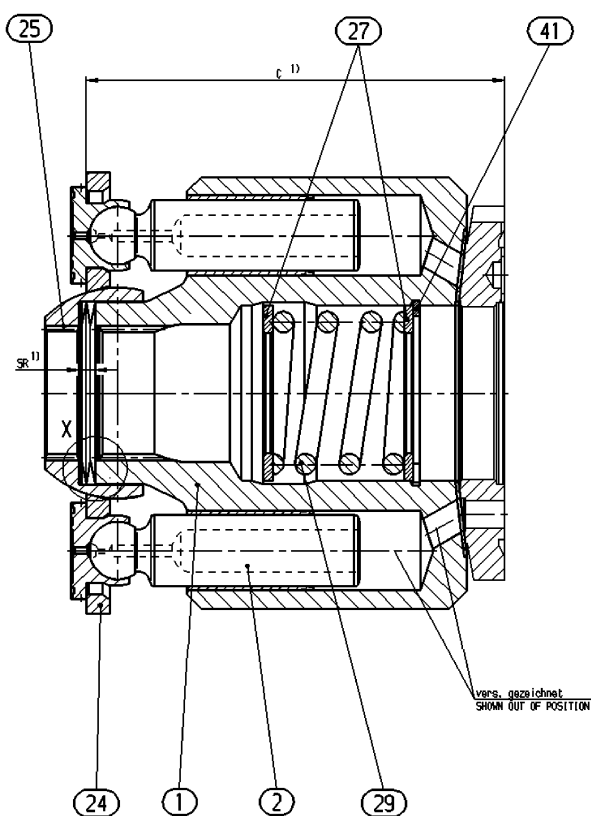
Spare parts list

Product Unit
Axial Piston Units

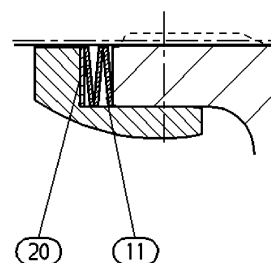
Part No.: R902079134

Designation: ROTARY GROUP, HYDR. SECTION

Drawing no.: R902064631



X unmaßstäblich
NOT TO SCALE



- 1) Abstimmung C bei $\alpha = 0^\circ$
Abstimmung mit Pos.20, Simulerring SR = $4.5^{+0.05}_{-0.05}$ und Nullplatte
C = $131^{+4.2}_{-4.2}$
- 1) TUNING DIMENSION C WITH $\alpha = 0^\circ$
TUNING WITH POS.20, SIMULATION RING SR = $4.5^{+0.05}_{-0.05}$ AND ZERO PLATE
C = $131^{+4.2}_{-4.2}$

Spare parts list

Product Unit
Axial Piston Units

Part No.: R902011331
Designation: CONTROL, HYDRAULIC

Drawing no.: R902010594

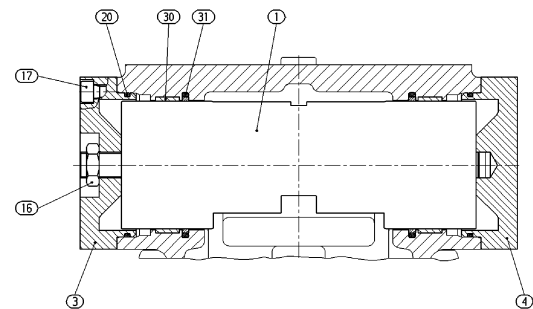
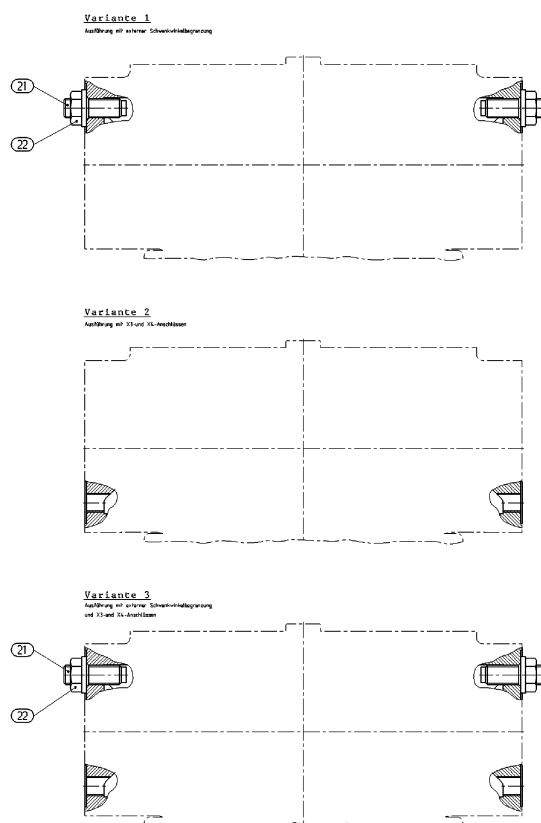
Pos.	Part No.	Designation	Quantity	
1	R902025586	POSITIONING PISTON COMPLETE	1 ST	L
3	R902010571	COVER	1 ST	
4	R902010572	COVER	1 ST	
16	R909157477	HEXAGON NUT	1 ST	
17	R909083038	SOCKET-HEAD SCREW	8 ST	
20	R909085360	O-RING	2 ST	D
30	R902600839	GUIDE RING	2 ST	
31	R902600272	TURCON-GLYD-RING	2 ST	D

Spare parts list

Product Unit
Axial Piston Units

Part No.: R902011331
Designation: CONTROL, HYDRAULIC

Drawing no.: R902010594



Spare parts list

Product Unit
Axial Piston Units

Part No.: R902025586

Designation: POSITIONING PISTON COMPLETE

Drawing no.: R902025542

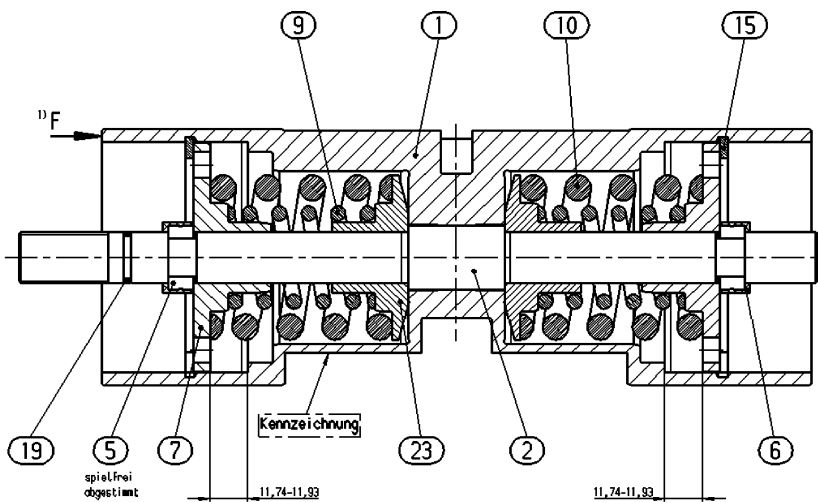
Pos.	Part No.	Designation	Quantity	
1	R902010570	POSITIONING PISTON	1 ST	
2	R909449241	ROD	1 ST	
5	R902020494	RING	2 ST	
5	R902020493	RING	2 ST	
5	R902020495	RING	2 ST	
5	R902020496	RING	2 ST	
5	R902020497	RING	2 ST	
5	R902020498	RING	2 ST	
5	R902029756	RING	2 ST	
5	R902029757	RING	2 ST	
5	R902043149	RING	2 ST	
6	R902600767	ASSEMBLY RING	2 ST	
7	R909652048	SPRING COLLAR	2 ST	
9	R909435004	PRESSURE SPRING	2 ST	
10	R909435005	PRESSURE SPRING	2 ST	
15	R909083412	RETAINING RING	2 ST	
19	R909086333	O-RING	1 ST	D
23	R909449252	SPRING COLLAR	2 ST	

Spare parts list

Product Unit
Axial Piston Units

Part No.: R902025586
Designation: POSITIONING PISTON COMPLETE

Drawing no.: R902025542



1) Stellkolben, komplett

Federkraft	bei 4,4 bar-9,5 bar	bei 5 bar-12,5 bar	bei 4,4 bar-15 bar	bei 7 bar-18,4 bar
F ₁ [N]	2124 ±165	2322 ±230	2074 ±314	3320 ±366
F ₂ [N]	4496 ±189	5891 ±263	7064 ±362	8670 ±407

Spare parts list

Product Unit
Axial Piston Units

Part No.: R909609519

Designation: PORT PLATE WITH VALVES

Drawing no.: R909705471

Pos.	Part No.	Designation	Quantity	
1	R902601879	MHDBN32K2-20/420VHN-120 #200NM	2 ST	L
2	R909434856	PRESSURE RELIEF VALVE	1 ST	L
3	R909433834	PRESSURE OVERRIDE VALVE	1 ST	L
5	R909651090	PORT PLATE	1 ST	
6	R909449063	BEARING BUSHING	1 ST	
7	R909083145	SOCKET-HEAD SCREW	4 ST	
9	R909830217	O-RING	1 ST	D
11	R909831320	DOUBLE BREAK-OFF PIN	1 ST	D
13	R909154024	LOCKING SCREW	4 ST	D
26	R909086333	O-RING	2 ST	D
35	R909151692	LOCKING SCREW	3 ST	D
43	R909432774	BUSH	1 ST	
44	R909432773	BEARING BUSHING	1 ST	
48	R909831319	DOUBLE BREAK-OFF PIN	1 ST	D

Spare parts list

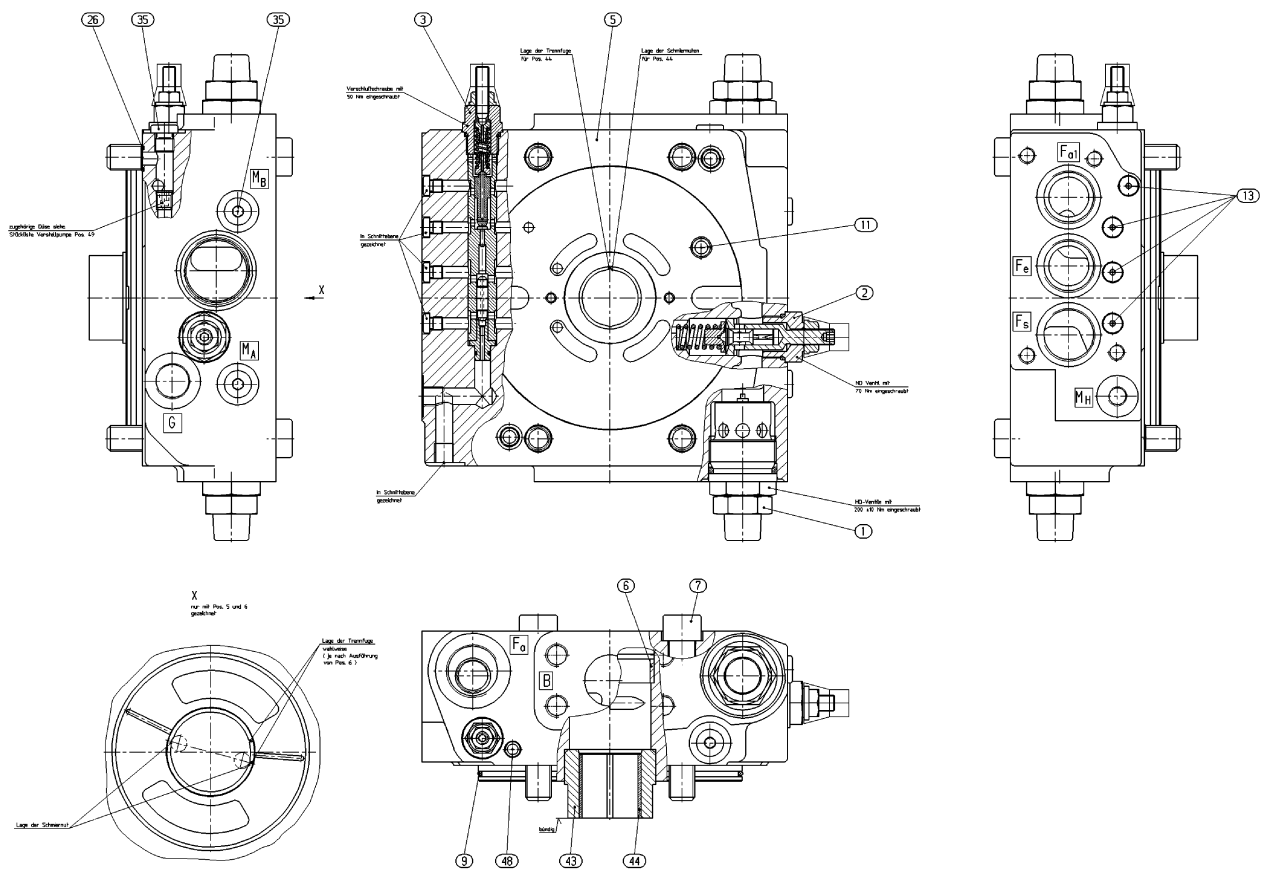
Part No.: R909609519

Designation: PORT PLATE WITH VALVES

Product Unit

Axial Piston Units

Drawing no.: R909705471



Spare parts list

Product Unit
Axial Piston Units

Part No.: R902601879

Designation: MHDBN32K2-20/420VHN-120 #200NM

Pos.	Part No.	Designation	Quantity	
1	R902600124	SEAL KIT	1 ST	D
2	R909157895	CAP	1 ST	D

Spare parts list

Product Unit
Axial Piston Units

Part No.: R909434856

Designation: PRESSURE RELIEF VALVE

Drawing no.: R909730913

Pos.	Part No.	Designation	Quantity	
1	R909436167	LOCKING SCREW	1 ST	
2	R909449622	ADJUSTING SCREW	1 ST	
3	R909435899	VALVE PISTON	1 ST	
4	R902010336	SPRING COLLAR	1 ST	
5	R909440765	PRESSURE SPRING	1 ST	
8	R909083761	O-RING	1 ST	D
9	R909153271	SEAL LOCK NUT	1 ST	D

Spare parts list

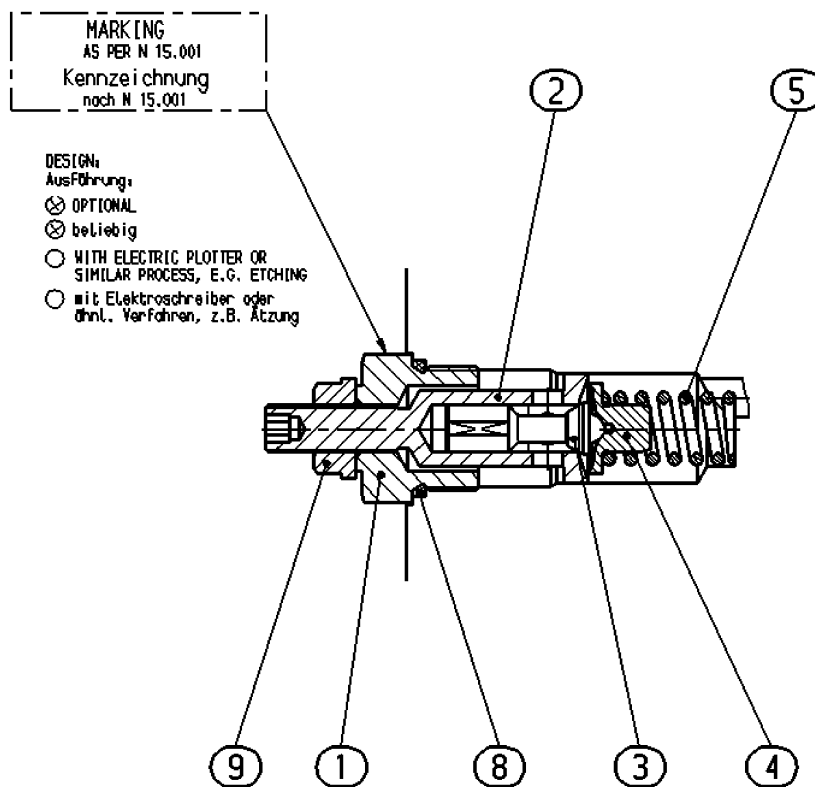
Part No.: R909434856

Designation: PRESSURE RELIEF VALVE

Product Unit

Axial Piston Units

Drawing no.: R909730913



Spare parts list

Product Unit
Axial Piston Units

Part No.: R909433834
Designation: PRESSURE OVERRIDE VALVE

Drawing no.: R909731064

Pos.	Part No.	Designation	Quantity	
1	R909432376	LOCKING SCREW	1 ST	
2	R909426552	VALVE BUSHING	1 ST	
3	R909432301	CONTROL PISTON	1 ST	
4	R909432163	PISTON	1 ST	
5	R909432164	VALVE PISTON	1 ST	
6	R909432775	POPPET SEAT	1 ST	
7	R902009402	PRESSURE SPRING	1 ST	
8	R902043092	SPRING COLLAR	2 ST	
9	R909432167	ADJUSTING SCREW	1 ST	
10	R909083757	O-RING	1 ST	D
14	R909152707	SEAL LOCK NUT	1 ST	D
15	R909086380	O-RING	1 ST	D

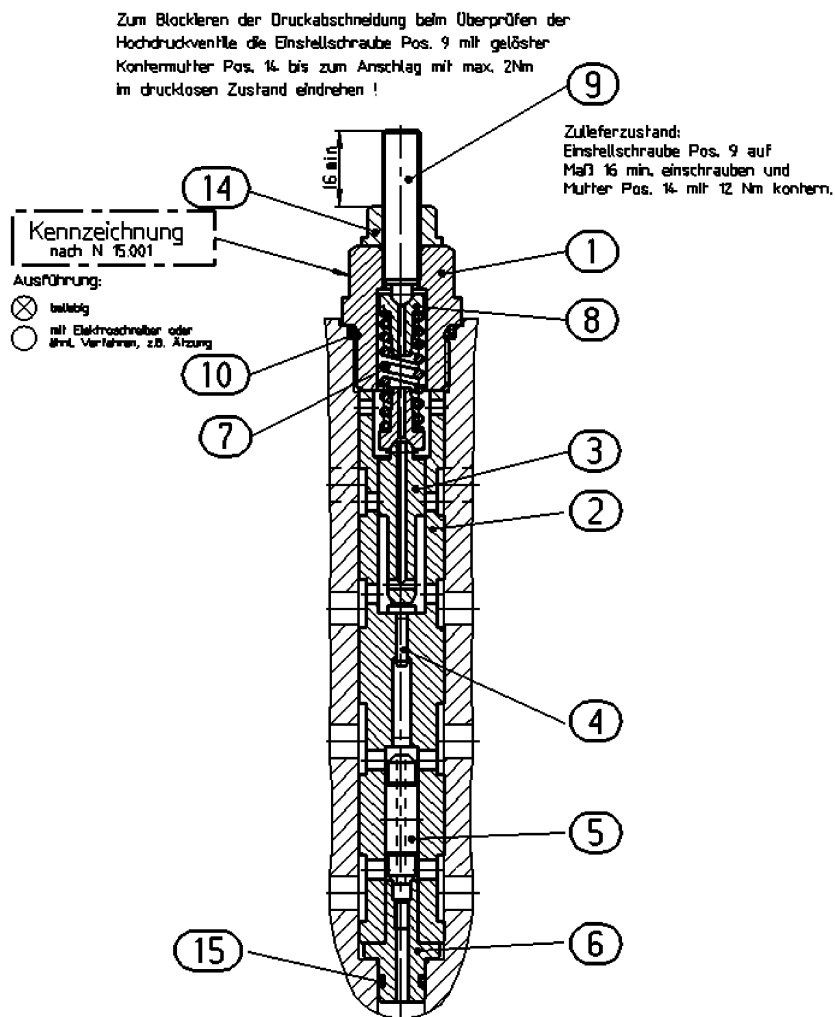
Spare parts list

Product Unit
Axial Piston Units

Part No.: R909433834

Designation: PRESSURE OVERRIDE VALVE

Drawing no.: R909731064



Spare parts list

Product Unit
Axial Piston Units

Part No.: R909606329

Designation: INTERNAL GEAR PUMP ASSEMBLY

Drawing no.: R902078145

Pos.	Part No.	Designation	Quantity	
1	R902078115	INTERNAL GEAR PUMP	1 ST	L
2	R902078130	WEAR PLATE COMPLETE	1 ST	L
3	R902602447	LOCKING PLUG	2 ST	

Spare parts list

Part No.: R909606329

Designation: INTERNAL GEAR PUMP ASSEMBLY

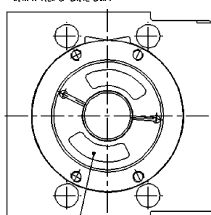
Product Unit

Axial Piston Units

Drawing no.: R902078145

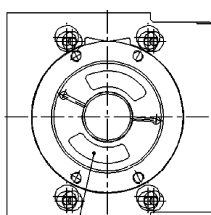
A-A 1:2.5

Drehrichtung rechts,
mit Blick auf Triebwelle
DIRECTION OF ROTATION RIGHT,
WITH A VIEW OF DRIVE SHAFT

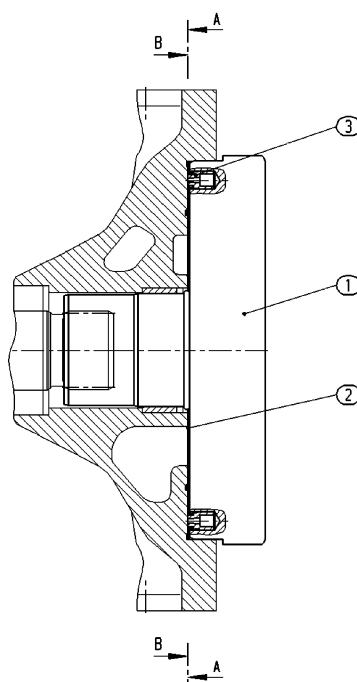


Saugkammer
SUCTION CHAMBER

Drehrichtung links,
mit Blick auf Triebwelle
DIRECTION OF ROTATION LEFT,
WITH A VIEW OF DRIVE SHAFT

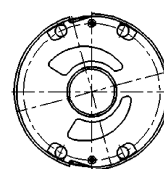


Saugkammer
SUCTION CHAMBER



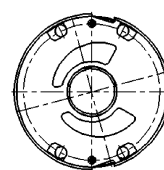
B-B 1:2.5

Drehrichtung rechts,
mit Blick auf Triebwelle
DIRECTION OF ROTATION RIGHT,
WITH A VIEW OF DRIVE SHAFT



mit Verschleißplatte
WITH WEAR-PLATE

Drehrichtung links,
mit Blick auf Triebwelle
DIRECTION OF ROTATION LEFT,
WITH A VIEW OF DRIVE SHAFT



mit Verschleißplatte
WITH WEAR-PLATE

Spare parts list

Product Unit
Axial Piston Units

Part No.: R902078115
Designation: INTERNAL GEAR PUMP

Drawing no.: R909723647

Pos.	Part No.	Designation	Quantity	
1	R902071499	INTERMEDIATE FLANGE	1 ST	
3	R909449063	BEARING BUSHING	1 ST	
4	R909439740	SPACER	1 ST	
5	R902043380	THROUGH-DRIVE SHAFT	1 ST	
7	R902006262	WHEEL SET	1 ST	
8	R902025645	SHAFT KEY	1 ST	
10	R909083089	SOCKET-HEAD SCREW	4 ST	
11	R902601476	SNAP RING	1 ST	
12	R909157881	O-RING	1 ST	D
19	R909830564	O-RING	1 ST	D
20	R909086428	O-RING	1 ST	D

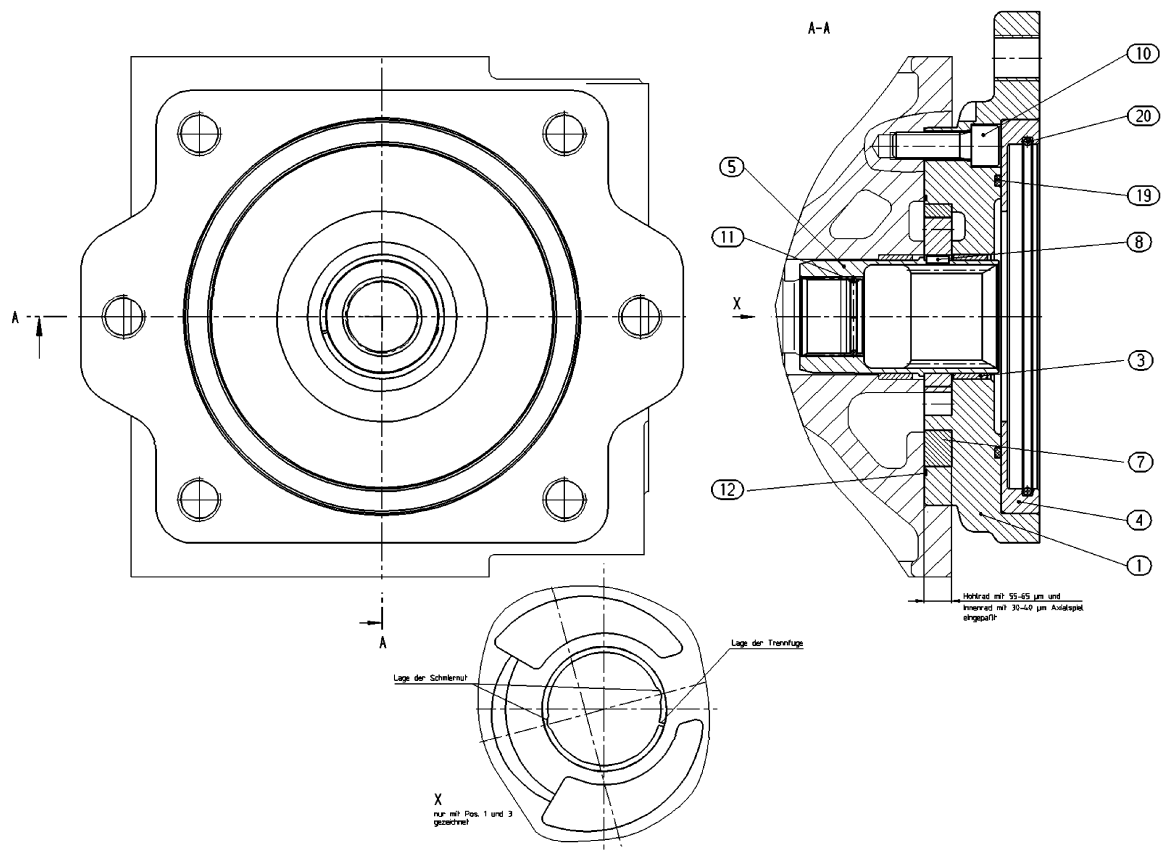
Spare parts list

Part No.: R902078115

Designation: INTERNAL GEAR PUMP

Product Unit
Axial Piston Units

Drawing no.: R909723647



Spare parts list

Product Unit
Axial Piston Units

Part No.: R902078130
Designation: WEAR PLATE COMPLETE

Drawing no.: R902013125

Pos.	Part No.	Designation	Quantity	
1	R902071444	WEAR PLATE	1 ST	
3	R909157881	O-RING	1 ST	D

Spare parts list

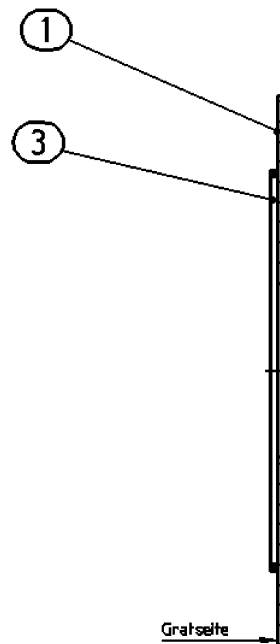
Part No.: R902078130

Designation: WEAR PLATE COMPLETE

Product Unit

Axial Piston Units

Drawing no.: R902013125



Spare parts list

Product Unit
Axial Piston Units

Part No.: R902069123
Designation: CONTROL MODULE

Drawing no.: R902069119

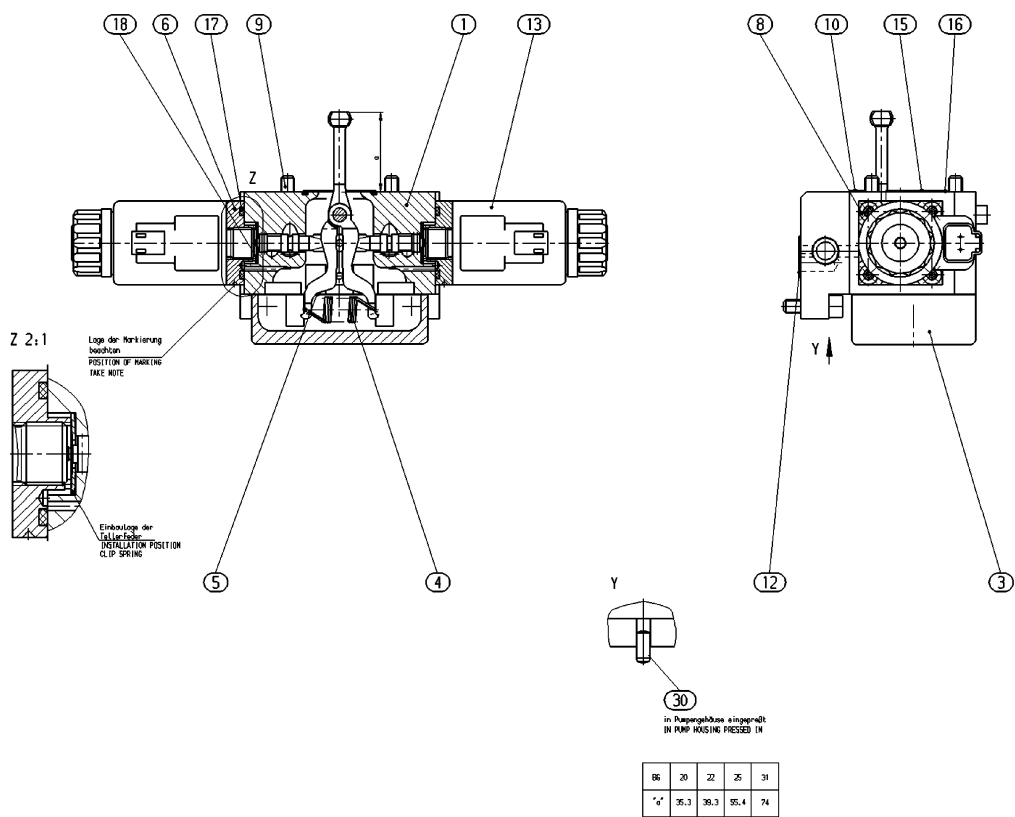
Pos.	Part No.	Designation	Quantity	
1	R902048768	CONTROL MODULE	1 ST	L
3	R909443201	COVER	1 ST	D
4	R902063327	DRAW SPRING	1 ST	D
5	R909651478	GASKET	1 ST	D
6	R902046037	ASSEMBLY PIECE	2 ST	D
8	R909083183	SOCKET-HEAD SCREW	8 ST	D
9	R909085831	SOCKET-HEAD SCREW	4 ST	D
10	R902600641	O-RING	1 ST	D
12	R909086178	O-RING	3 ST	D
13	R902602001	PROPORTIONAL SOLENOID	2 ST	
15	R909086333	O-RING	2 ST	D
16	R909086380	O-RING	1 ST	D
17	R909083764	O-RING	2 ST	D
18	R902601640	CUP SPRING	2 ST	D
30	R909087338	CYLINDER PIN	1 ST	D

Spare parts list

Product Unit
Axial Piston Units

Part No.: R902069123
Designation: CONTROL MODULE

Drawing no.: R902069119



Spare parts list

Product Unit
Axial Piston Units

Part No.: R902048768
Designation: CONTROL MODULE

Drawing no.: R902067229

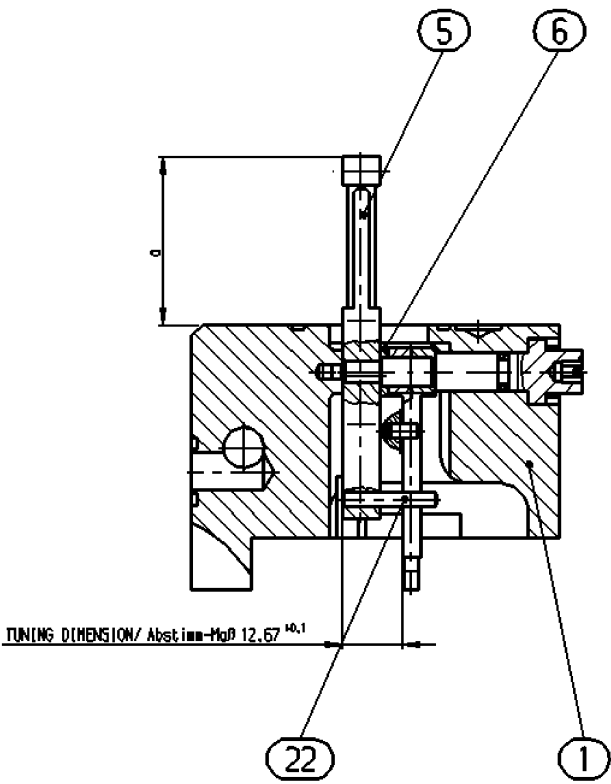
Pos.	Part No.	Designation	Quantity	
1	R902067240	CONTROL HOUSING WITH ACCESSOR.	1 ST	L
5	R902061843	REGULATOR	1 ST	
6	R902067214	SHIM	1 ST	
6	R902067215	SHIM	1 ST	
6	R902067216	SHIM	1 ST	
6	R902067213	SHIM	1 ST	
6	R902067217	SHIM	1 ST	
6	R902067218	SHIM	1 ST	
6	R902067219	SHIM	1 ST	
6	R902067220	SHIM	1 ST	
6	R902070232	SHIM	1 ST	
22	R909087456	NEEDLE ROLLER	1 ST	

Spare parts list

Part No.: R902048768
Designation: CONTROL MODULE

Product Unit
Axial Piston Units

Drawing no.: R902067229



B6	20	22	25	31
"a"	35.3	39.3	55.4	74

Spare parts list

Product Unit
Axial Piston Units

Part No.: R902067240

Designation: CONTROL HOUSING WITH ACCESSOR.

Drawing no.: R902046897

Pos.	Part No.	Designation	Quantity	
1	R902087208	HOUSING	1 ST	
3	R902067221	CONTROL PISTON WITH CYL.PIN	1 ST	
4	R902050396	LEVER PAIR	1 ST	
6	R902067212	ECCENTRIC PIN	1 ST	
8	R902044854	SHIM	1 ST	
21	R909083021	SOCKET-HEAD SCREW	2 ST	D
24	R902601243	SOCKET-HEAD SCREW	1 ST	D
28	R909831320	DOUBLE BREAK-OFF PIN	1 ST	D
29	R909153668	O-RING	1 ST	D

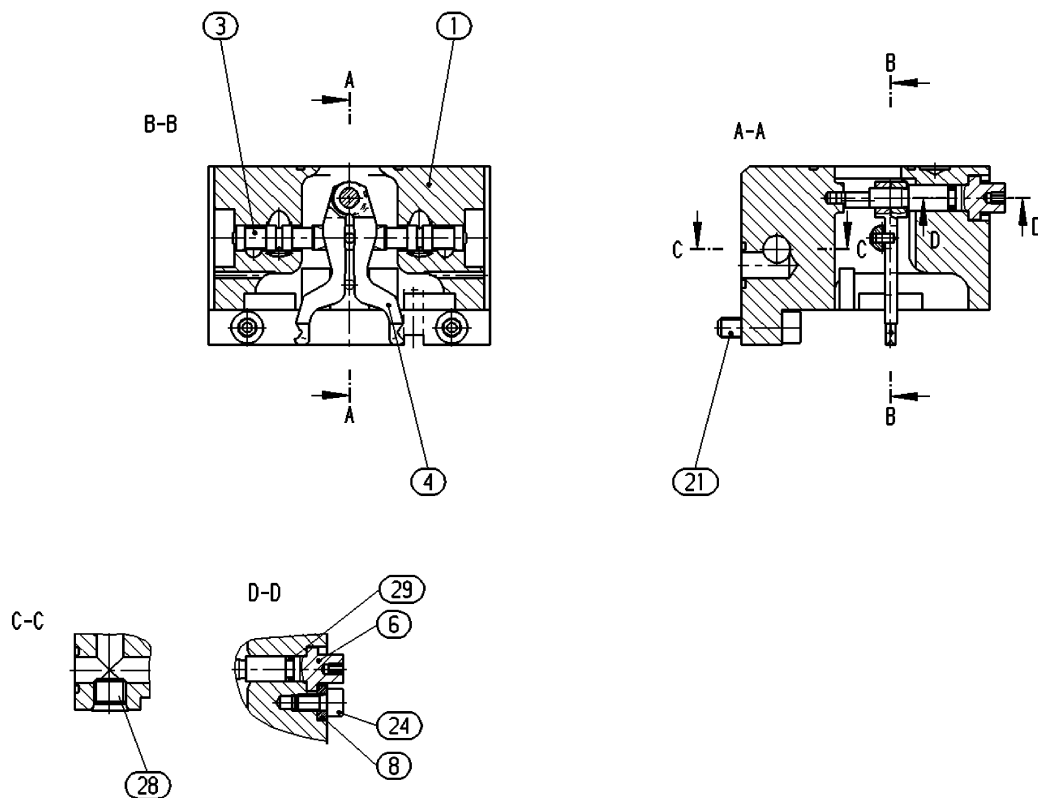
Spare parts list

Product Unit
Axial Piston Units

Part No.: R902067240

Designation: CONTROL HOUSING WITH ACCESSOR.

Drawing no.: R902046897



Spare parts list

Product Unit
Axial Piston Units

Part No.: R902033760

Designation: FILTER, COMPLETE

Pos.	Part No.	Designation	Quantity	
2	R902077659	FILTER	1 ST	L
12	R909083060	SOCKET-HEAD SCREW	4 ST	
13	R909083769	O-RING	3 ST	D

Spare parts list

Product Unit
Axial Piston Units

Part No.: R902077659
Designation: FILTER

Drawing no.: R902068351

Pos.	Part No.	Designation	Quantity	
1	R902041322	FILTER, COMPLETE	1 ST	L
5	R902602272	ELECTRIC INDICATOR	1 ST	

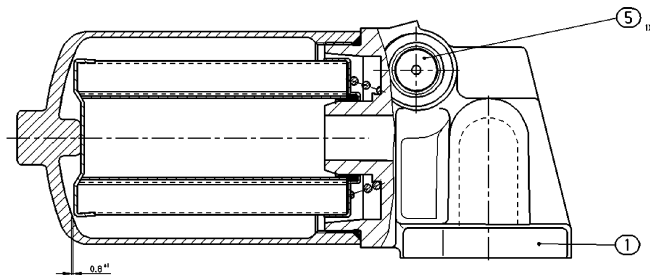
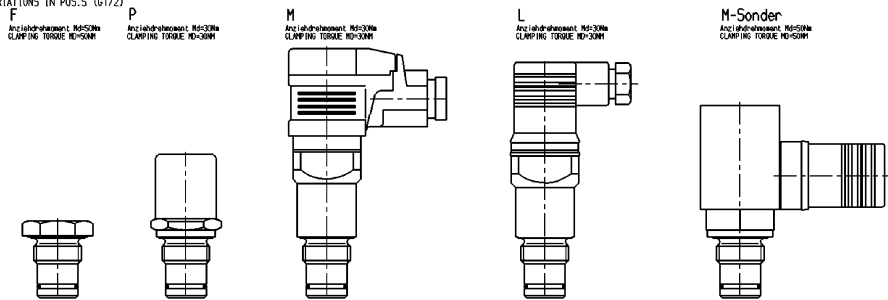
Spare parts list

Product Unit
Axial Piston Units

Part No.: R902077659
Designation: FILTER

Drawing no.: R902068351

1) Einschraubvarianten in Pos.5 (G1/2)
SCREW IN VARIATIONS IN POS.5 (G1/2)



Ausführung entsprechend Zeichnungs- und Typschlüssel.
CONSTRUCTION CORRESPONDING TO PARTS LIST AND TYPEKEY.

F= ohne Verschmutzungsanzeige, mit Verschlussschraube
F= WITHOUT CONTAMINATION INDICATOR, WITH LOCKING SCREW
AWR00/32X-XXXXX-F

M= mit opt./elektr. Verschmutzungsanzeige
M= WITH OPTICAL / ELECTRIC CONTAMINATION INDICATOR
AWR00/32X-XXXXX-M

P= mit optischer Verschmutzungsanzeige
P= WITH OPTICAL CONTAMINATION INDICATOR
AWR00/32X-XXXXX-P

L= mit elektr. Verschmutzungsanzeige
L= WITH ELECTRIC CONTAMINATION INDICATOR
AWR00/32X-XXXXX-L

M-Sonder= mit elektr./opt./mechanischer Verschmutzungsanzeige
M-SPECIAL= WITH ELECTRIC/OPTICAL/MECHANICAL CONTAMINATION INDICATOR
AWR00/32X-XXXXX-M-S

Spare parts list

Product Unit
Axial Piston Units

Part No.: R902041322
Designation: FILTER, COMPLETE

Drawing no.: R902068338

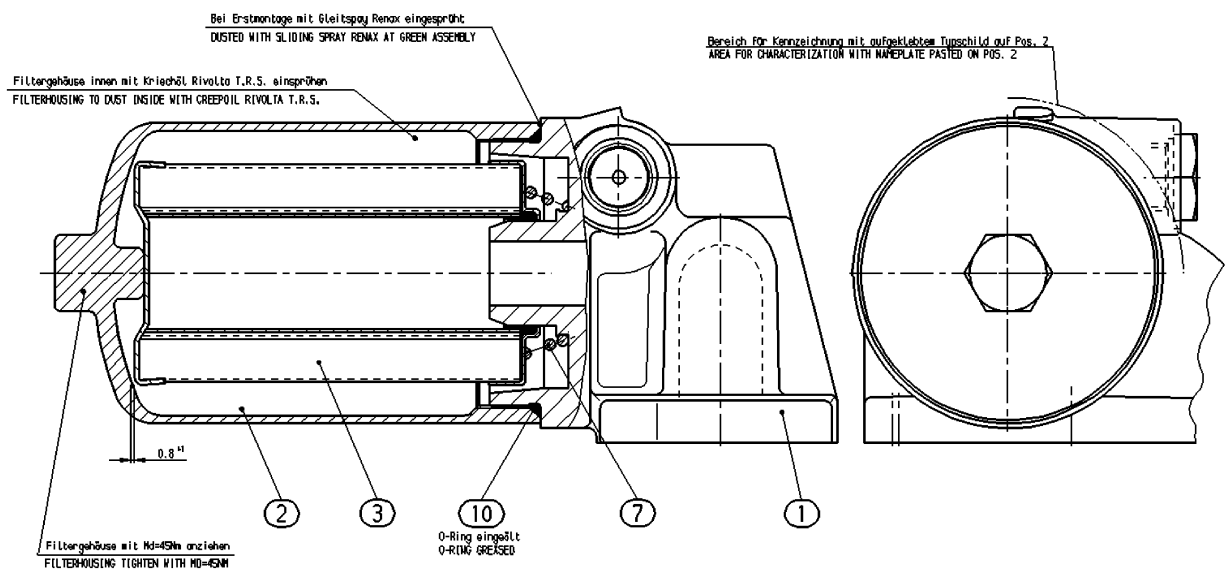
Pos.	Part No.	Designation	Quantity	
1	R902040585	FILTER HEAD, COMPLETE	1 ST	L
2	R902067322	FILTER HOUSING	1 ST	
3	R902601380	FILTER CARTRIDGE	1 ST	
7	R902601388	SPRING	1 ST	
10	R909085571	O-RING	1 ST	D

Spare parts list

Product Unit
Axial Piston Units

Part No.: R902041322
Designation: FILTER, COMPLETE

Drawing no.: R902068338



Spare parts list

Product Unit
Axial Piston Units

Part No.: R902040585

Designation: FILTER HEAD, COMPLETE

Drawing no.: R902041126

Pos.	Part No.	Designation	Quantity	
1	R902075872	FILTER HEAD	1 ST	
2	R902041128	COLD START VALVE	1 ST	L
7	R909831317	DOUBLE BREAK-OFF PIN	1 ST	D
9	R909831980	LOCKING SCREW	1 ST	

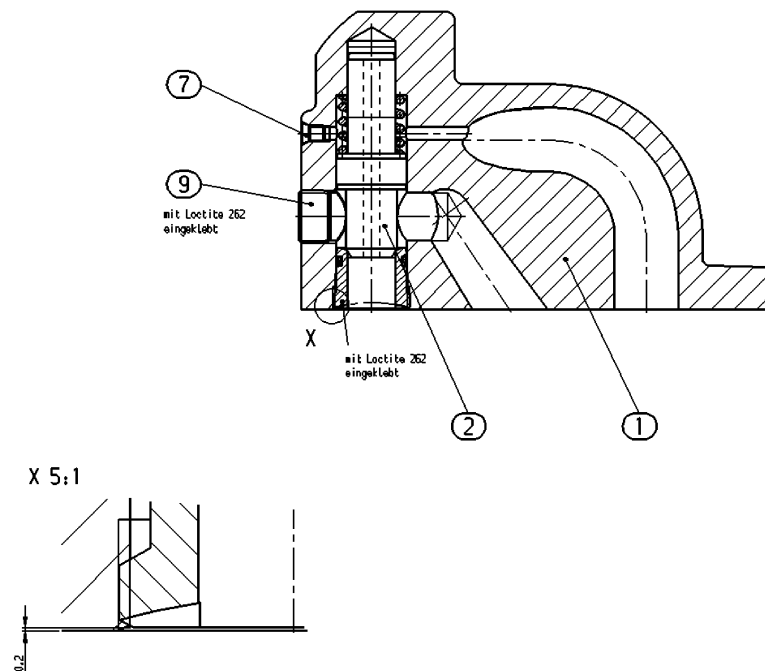
Spare parts list

Product Unit
Axial Piston Units

Part No.: R902040585

Designation: FILTER HEAD, COMPLETE

Drawing no.: R902041126



Spare parts list

Product Unit
Axial Piston Units

Part No.: R902041128

Designation: COLD START VALVE

Pos.	Part No.	Designation	Quantity	
2	R902041295	VALVE PISTON	1 ST	
3	R909650234	POPPET SEAT	1 ST	
4	R909831979	O-RING	1 ST	D
5	R909651440	PRESSURE SPRING	1 ST	