

1.13 Single seat valves

Alfa Laval's Single Seat Valve is an extremely reliable and hygienic design for stopping or diverting flow in single or multi-directional systems.



700 series (US version)

741/761 valve, change-over	1.13.978
741/761 valve, shut-off	1.13.980
761/761 TR reverse acting valve, 27, 47	1.13.982
761 Y-body valves	1.13.984
762 kettle valves 29, 31, 33, 35	1.13.986
762 tank outlet valve 13, 21 22, 57 ,58, 123	1.13.990
762 tangential valves 47, 48, 49, 50, 51, 52	1.13.994
736-X swap valves, short stroke	1.13.996
736-X stem swap valve, long stroke	1.13.998
736-TR-X swap valves, short stroke	1.13.1000
736TR-X stem swap valve, long stroke	1.13.1002
736TR2-X stem swap valve, short stroke	1.13.1004
736TR2-X stem swap valve, long stroke	1.13.1006
Tank and kettle valve flange, ferrule, tank pods dimensions	1.13.1008
761/741 TR shut-off, TR/TR2 stems	1.13.1010
700/800 LP shut-off stems	1.13.1012
700/800 spherical shut-off stems (replaced by "LP" stems)	1.13.1013
762 227 MRAL flow diversion valve	1.13.1014
762 flow diversion valve	1.13.1016

Actuators for 700 series (US version)

700 series actuators	1.13.1018
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800 Series Aseptic Valves

861 series valves, shut-off1.13.1026

Unique SSV

Unique SSV, shut-off1.13.1028

Unique SSV, shut-off (US version)1.13.1030

Unique SSV, shut-off, TR21.13.1032

Unique SSV, change-over1.13.1034

Unique SSV, change-over (US version)1.13.1036

Unique SSV, change-over, TR21.13.1038

Unique SSV, actuator for ATEX1.13.1040

Unique SSV, valve sizes DN125, DN150, 4" and 6"

Unique SSV, shut-off, DN125 to DN1501.13.1042

Unique SSV, change-over, DN125 to DN1501.13.1046

Unique SSV, 4" XL stroke, shut-off (US version)1.13.1050

Unique SSV, 4" XL stroke, shut-off, TR2 (US version)1.13.1052

Unique SSV, 6", TR2 (US version)1.13.1054

Unique SSV, 6", low profile plug (US version)1.13.1056

Unique SSV, reverse acting

Unique SSV, reverse acting, shut-off1.13.1058

Unique SSV, reverse acting, shut-off (US version)1.13.1062

Unique SSV, reverse acting, shut-off, TR21.13.1064

Unique SSV, reverse acting, change-over1.13.1066

Unique SSV, reverse acting, change-over (US version)1.13.1070

Unique SSV, reverse acting, change-over, TR21.13.1074

Unique SSV, long stroke

Unique SSV, long stroke, shut-off1.13.1076

Unique SSV, long stroke, shut-off (US version)1.13.1078

Unique SSV, long stroke, shut-off, TR21.13.1080

Unique SSV, long stroke, change-over1.13.1082

Unique SSV, long stroke, change-over (US version)1.13.1084

Unique SSV, long stroke, change-over, TR21.13.1086

Unique SSV, aseptic

Unique SSV, aseptic, shut-off1.13.1088

Unique SSV, aseptic, shut-off (US version)1.13.1090

Unique SSV, aseptic, change-over1.13.1092

Unique SSV, aseptic, change-over (US version)1.13.1094

1.13 Single seat valves

Alfa Laval's Single Seat Valve is an extremely reliable and hygienic design for stopping or diverting flow in single or multi-directional systems.

Unique SSV, two step

Unique SSV, two step, shut-off	1.13.1098
Unique SSV, two step, shut-off (US version)	1.13.1102
Unique SSV, two step, change-over	1.13.1104
Unique SSV, two step, change-over, TR2	1.13.1108
Unique SSV, two step, change-over (US version)	1.13.1112

Unique SSV, tangential

Unique SSV, tangential, shut-off	1.13.1116
Unique SSV, tangential, shut-off, TR2	1.13.1118
Unique SSV, tangential, shut-off (US version)	1.13.1120
Unique SSV, tangential, change-over	1.13.1122
Unique SSV, tangential, change-over, TR2	1.13.1124
Unique SSV, tangential, change-over (US version)	1.13.1126

Unique SSV, tank outlet

Unique SSV, tank outlet	1.13.1128
Unique SSV, tank outlet, TR2	1.13.1130
Unique SSV, tank outlet (US version)	1.13.1132
Unique SSV, tank outlet, reverse acting	1.13.1134
Unique SSV, tank outlet, reverse acting, TR2	1.13.1136
Unique SSV, tank outlet, reverse acting, (US version)	1.13.1138

Unique SSV, Y-body

Unique SSV, Y-body	1.13.1142
Unique SSV, Y-body (US version)	1.13.1144

Unique SSV, manually operated

Unique SSV, manually operated, shut-off	1.13.1146
Unique SSV, manually operated, change-over	1.13.1148
Unique SSV, manually regulating valve	1.13.1150
Unique SSV, manually regulating RF	1.13.1152
Unique SSV, aseptic manually operated, regulating valve	1.13.1154
Unique SSV, aseptic manually operated, regulating valve (US version)	1.13.1156
Unique SSV, aseptic manually operated, shut-off	1.13.1158
Unique SSV, aseptic manually operated, shut-off (US version)	1.13.1162
Unique SSV, aseptic manually operated, change-over	1.13.1166
Unique SSV, aseptic manually operated, change-over (US version)	1.13.1170
Unique SSV, aseptic manually operated, tank outlet	1.13.1174
Unique SSV, aseptic manually operated, tank outlet (US version)	1.13.1176

1.13 Single seat valves

Alfa Laval's Single Seat Valve is an extremely reliable and hygienic design for stopping or diverting flow in single or multi-directional systems.

Unique SSV, Flo-diversion

Unique SSV, Flo-diversion valve	1.13.1178
Unique SSV, Flo-diversion valve, reverse acting	1.13.1180
Unique SSV, Flo-diversion valve, standard, maintainable actuator	1.13.1182
Unique SSV, Flo-diversion valve, standard, ThinkTop	1.13.1184

Actuators for Unique SSV

Maintainable actuator for SSV valves	1.13.1186
Maintainable actuator for SSV valves (US version)	1.13.1188
Maintainable actuator for Unique SSV, two step	1.13.1190
Maintainable actuator for Unique SSV, two step (US version)	1.13.1194
Maintainable actuator (low pressure) for Unique SSV	1.13.1198
Maintainable/non maintainable actuator (high pressure) for Unique SSV	1.13.1200
Maintainable actuator (high pressure) for Unique SSV	1.13.1202

Unique SSSV

Unique SSSV, shut-off	1.13.1204
Unique SSSV, change-over	1.13.1206
Unique SSSV, manual, shut-off	1.13.1208
Unique SSSV, manual, change-over	1.13.1210
Unique SSSV, adapter for ThinkTop	1.13.1212

i-SSV

i-SSV, shut-off, 25 mm/DN25	1.13.1214
i-SSV, shut-off, 38-101.6 mm/DN40-100	1.13.1218
i-SSV, change-over, 25 mm/DN25	1.13.1222
i-SSV, change-over, 38-101.6 mm/DN40-100	1.13.1226

LKAP-V and LKAP-T

LKAP-V and LKAP-T air-operated valves with welding ends	1.13.1230
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SB mini flow valve

SB mini flow valve, pneumatic angle valve	1.13.1232
SB mini flow valve, pneumatic change-over valve	1.13.1234
SB mini flow valve, manual valve	1.13.1236

Service tools

Mounting tool for plug - single seat valves	1.13.1238
Service tool for dismantling maintainable actuators (single seat valves)	1.13.1239

1.13 Single seat valves

Alfa Laval's Single Seat Valve is an extremely reliable and hygienic design for stopping or diverting flow in single or multi-directional systems.

Service tools for obsolete products

SRC, tool for valve, SRC/ARC/SRC-LS1.13.1242

Spare parts for obsolete products

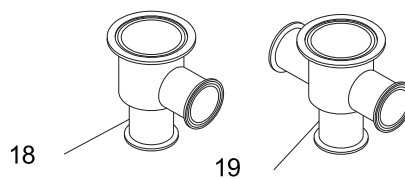
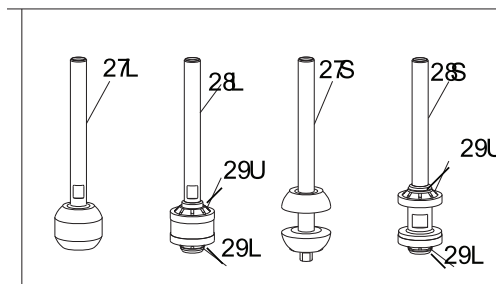
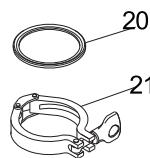
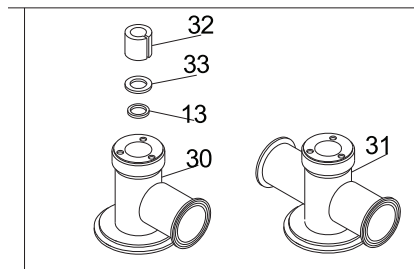
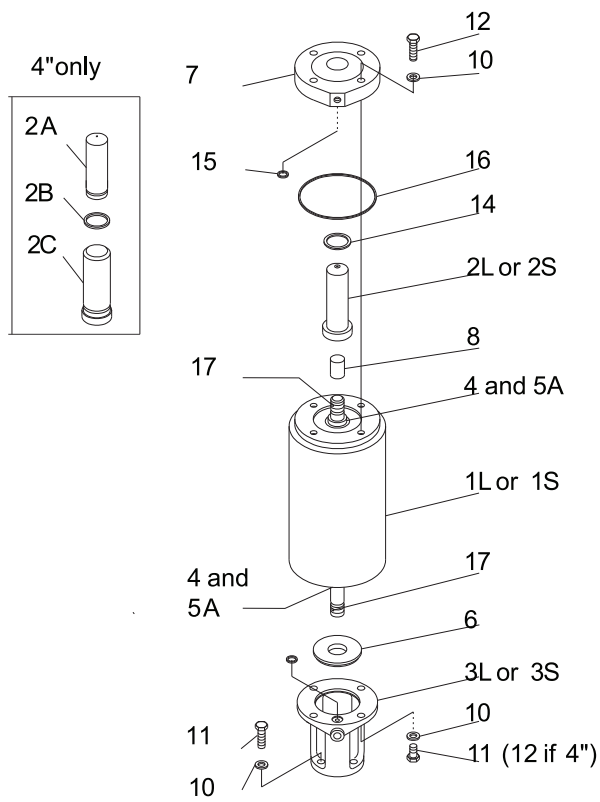
SRC, shut-off, 25 mm/DN25	1.13.1244
SRC, shut-off, 38-101.6 mm/DN40-100	1.13.1248
SRC, change-over, 25 mm/DN25	1.13.1252
SRC, change-over, 38-101.6 mm/DN40-100	1.13.1256
SRC, damper for valve	1.13.1260
SRC-LS, shut-off	1.13.1262
SRC-LS, change-over	1.13.1266
SRC, three position and two step	1.13.1270
SRC-RC, shut-off	1.13.1272
SRC-RC, change-over	1.13.1276
SMO-RF fine-adjustment regulating valve	1.13.1280
SMO, sanitary manual valve, shut-off	1.13.1282
SMO, sanitary manual valve, change-over	1.13.1286
ARC, aseptic remote controlled valve, shut-off	1.13.1290
ARC, aseptic remote controlled valve, change-over	1.13.1294
ARC-SB, aseptic remote-controlled valve with steel bellows, shut-off	1.13.1298
ARC-SB, aseptic remote-controlled valve w. steel bellows, change-over	1.13.1302
LKAB tank outlet valve	1.13.1306
161 & 161OY valves, shut-off	1.13.1308
161 & 161OY valves, change-over	1.13.1310
161 & 161OY-90 body shut-off valve	1.13.1312
161 & 171 actuators shut-off & change-over series	1.13.1314
241 series valve, shut-off	1.13.1316
241 series actuator, shut-off and change-over - type 10 and 20	1.13.1318
241 series, change-over parts	1.13.1320
262 Tank outlet valves (tee type)	1.13.1322
262 Kettle valves	1.13.1324
Tank ferrules for 262-21, 22, 29, 31, 33, 35, 57, 58	1.13.1326
262 series actuator: 25-262-210-S/25-262-220-S	1.13.1328
262-121 flow-diversion valve	1.13.1330
262-121 flow-diversion valve, actuator	1.13.1332
Micro-switch assembly for 25-262-121 actuator	1.13.1334
361/361TR valve, shut-off	1.13.1336
361/361TR valve, change-over	1.13.1338
361 27 & 47 reverse acting valves	1.13.1340
Type 13 & 23 actuators	1.13.1342

1.13 Single seat valves

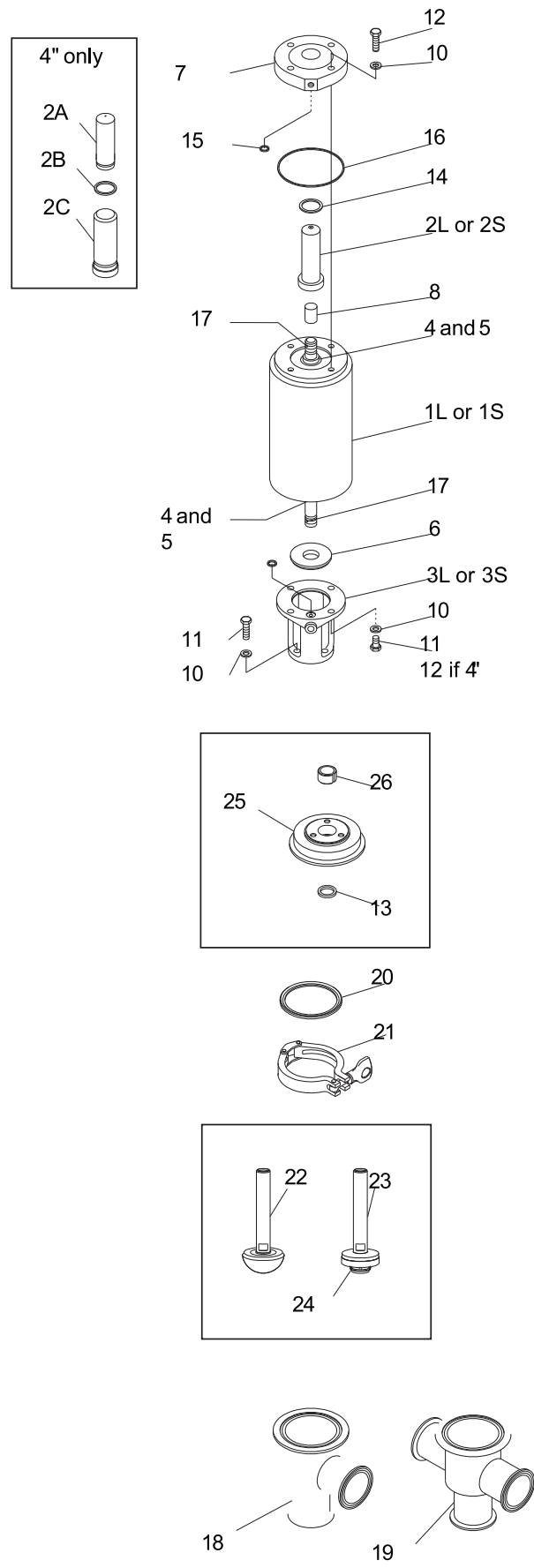
Alfa Laval's Single Seat Valve is an extremely reliable and hygienic design for stopping or diverting flow in single or multi-directional systems.

Type 15 actuator for 371 valves	1.13.1344
Type 10 & 20 actuators	1.13.1346
Type 10L and 20L actuators for 361 - 1" valve	1.13.1348
Type 14 N/O actuator "piston style" actuators with positioner	1.13.1350
Type 24 N/C "piston style" actuators with positioner	1.13.1352
Diaphragm actuator w/Moore positioner	1.13.1354
655 air actuated change-over valves	1.13.1356
650 manual valves, shut-off	1.13.1358
650 manual relief valves	1.13.1360
650 and 655 valve actuators	1.13.1362
650 air actuated valves, shut-off	1.13.1364
D60TRMP - rubber stem compression valve	1.13.1366
D60TMP - metal stem compression valve	1.13.1368
D60YRMP Y body compression valve	1.13.1370

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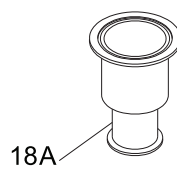
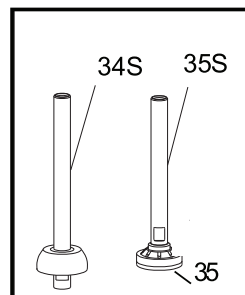
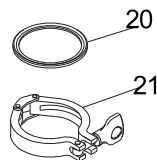
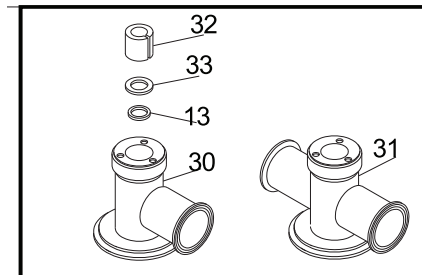
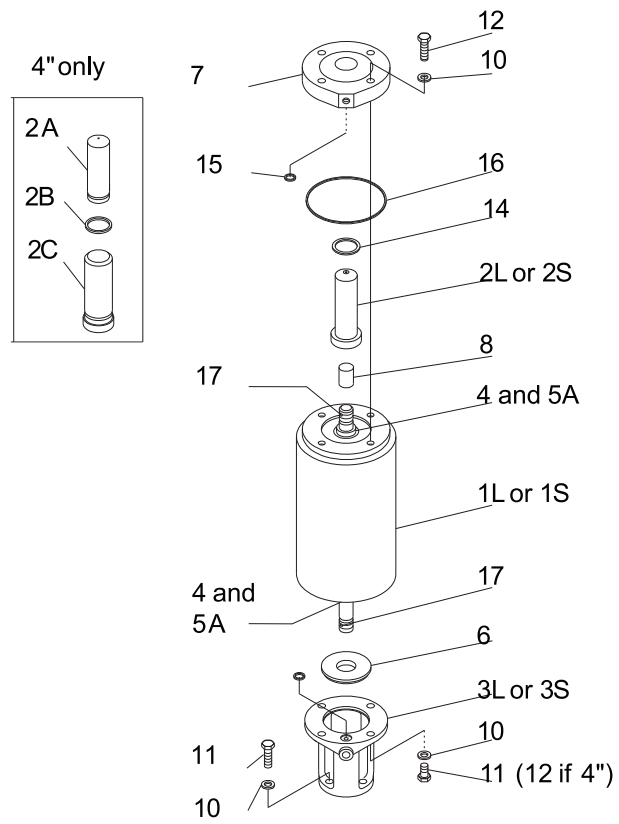


Pos	Qty	Denomination	1 1/2"	2"	2 1/2"	3"	4"
1L	1	Actuator, 10/20, long	751681	751681	751681	751681	751391
	1	Actuator, 30, long	751823	751823	751823	751823	751719
1M	1	Mid position actuator/short	750792	750792	750792	750792	N/A
1S	1	actuator, short, 10/20, short	750318	750318	750318	750318	750496
	1	Actuator, 30, short	750043	750043	750043	750043	751987
1HPS	1	HP actuator,short			751994	751994	
1HPL	1	HP actuator,long			750496	750496	
2S	1	Stem protector, Short	750583	750583	750583	750583	750583
2A	1	Stem protector, long	N/A	N/A	N/A	N/A	751035
2B	1	Stem protector o ring	N/A	N/A	N/A	N/A	750330
2C	1	Stem protector, spacer	N/A	N/A	N/A	N/A	751019
2L	1	Stem protector, long	750577	750577	750577	750577	N/A
2S	1	Stem protector, Short	750583	750583	750583	750583	750577
3L	1	Yoke, long	751684	751684	751684	751684	751901
3S	1	Yoke, short	750224	750224	750224	750224	751076
4	2	Seal retainer	751680	751680	751680	751680	751680
5	2	V-packing	755461	755461	755461	755461	755461
5A	2	O-ring to replace v packing	751232	751232	751232	751232	751232
6	1	Packing retainer	751659	751659	751659	751659	751659
7	1	End cap	751682	751682	751682	751682	751010
8	1	Red caplug	750568	750568	750568	750568	750568
9	1	Vent plug (not shown)	181256	181256	181256	181256	181256
10	11	Lockwasher	189962	189962	189962	189962	189962
11	7	Screw	189773	189773	189773	189773	189798
12	4	Screw	189723	189723	189723	189723	189723
13	1	O-ring stem, BUNA	755370	755370	755370	755370	755452
	1	O-ring stem, EPDM	750132	750132	750132	750132	751956
	1	O-ring stem, SFY	750077	750077	750077	750077	751957
14	1	O-ring	755356	755356	755356	755356	755356
15	2	O-ring	755388	755388	755388	755388	755388
16	1	O-ring	751747	751747	751747	751747	751747
17	1	Nylon lock pin	750338	750338	750338	750338	750338
18	1	Body , Lower 2 ports clamp	770026	770478	770844	770846	770736
	1	Body , Lower 2 ports weld	771004	770824	770784	770833	772221
19	1	Body , Lower 3 ports clamp	770003	770489	770863	770878	770965
	1	Body , Lower 3 ports weld	771059	770464	770815	770814	772672
20	1	Body gasket, BUNA	750376	750376	750385	750391	755421
	1	Body gasket, EPDM	750383	750383	750390	750400	750686
	1	Body gasket, SFY	750382	750382	750389	750398	750738
21	1	Clamp	270266	270266	270267	212211	212209
27L	1	Stem , BUNA, long	770241	770244	770247	770250	771509
	1	Stem, EPDM, long	771442	770962	771335	770967	778310
	1	Stem , SFY, long	771177	771169	770785	770809	778311
27S	1	Stem LP , BUNA, short	9634055829	9634055830	9634055831	9634055832	N/A
	1	Stem LP , EPDM, short	773147	772835	773136	772833	N/A
	1	Stem LP SFY, short	773158	9634050983	773137	773142	N/A
28L	1	Stem, TR long	770259	770263	770265	770267	771506
	1	Stem, TR2 long		9634053890	9634051876	963054117	9634050172
28S	1	Stem, TR Short	770338	770343	770349	770354	N/A
	1	Stem, TR2 short	9634052007	9634054775	9634052001	9634052008	773235
29U	1	Seat, TR Upper	750943	750943	750947	751268	750906
	1	Seat, TR2 Upper	752096	9634050833	752100	752102	752104
29L	1	Seat, TR Lower	751525	750943	750947	751268	750906
	1	Seat, TR2 Lower	9634050833	9634050833	752100	752102	752104
30	1	Body , upper 2 ports clamp	770491	770494	770510	770528	770724
	1	Body , upper 2 ports weld		770506	778372	771533	
31	1	Body , upper 3 ports clamp	770493	770504	770517	770530	772719
	1	Body , upper 3 ports weld					
32	1	Stem bushing	763362	763362	763362	763362	762528
33	1	Seal retaining washer	750361	750361	750361	750361	750360
			1 1/2"	2"	2 1/2"	3"	4"
□		Non TR Service Kit Buna	9613990327	9613990327	9613990508	9613990330	9613990333
□		Non TR Service Kit EPDM	9613990328	9613990328	9613990509	9613990331	9613990334
□		Non TR Service Kit SFY	9613990329	9613990329	9613990510	9613990332	9613990335
◆		TR Service Kit Buna	9613990106	9613990109	9613990112	9613990115	9613990118
◆		TR Service Kit EPDM	9613990107	9613990110	9613990113	9613990116	9613990119
◆		TR Service Kit SFY	9613990108	9613990111	9613990114	9613990117	9613990120
○		TR2 Service Kits Buna	9613990575	9613990578	9613990581	9613990584	9613990587
○		TR2 Service Kits EPDM	9613990576	9613990579	9613990582	9613990585	9613990588
○		TR2 Service Kits SFY	9613990577	9613990580	9613990583	9613990586	9613990589

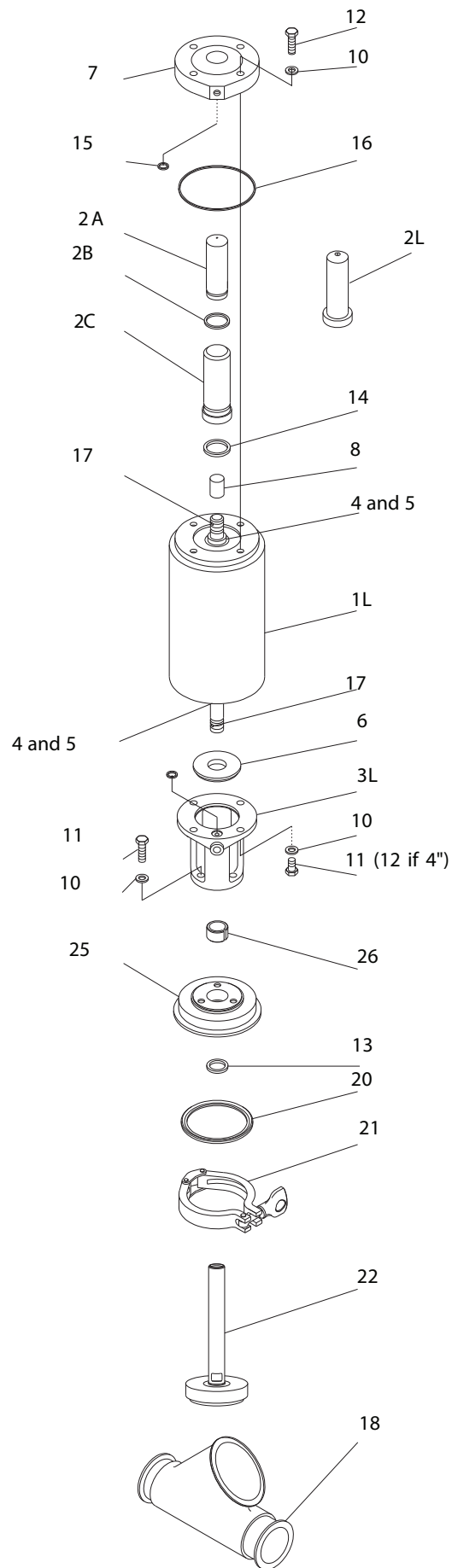


Pos	Qty	Denomination	1"	1 1/2"	2"	2 1/2"	3"	4"
1L	1	Actuator, 10/20, long	N/A	751681	751681	751681	751681	751391
	1	Actuator, 30, long	N/A	751823	751823	751823	751823	751719
1	1	1 Mid position actuator, short	N/A	750792	750792	750792	750792	N/A
1S	1	Actuator, 10/20, short	750887	750318	750318	750318	750318	750496
	1	30 Actuator, short, 30, short	751906	750043	750043	750043	750043	751987
1HPS	1	HP actuator, short				751994	751994	
1HPL	1	HP actuator, long				750496	750496	
2S	1	Stem protector, Short	750583	750583	750583	750583	750583	750583
2A	1	Stem protector, long	N/A	N/A	N/A	N/A	N/A	751035
2B	1	Stem protector O-ring	N/A	N/A	N/A	N/A	N/A	750330
2C	1	Stem protector, spacer	N/A	N/A	N/A	N/A	N/A	751019
2L	1	Stem protector, long	N/A	750577	750577	750577	750577	N/A
2S	1	Stem protector, Short	750583	750583	750583	750583	750583	750577
3L	1	Yoke, long	N/A	751684	751684	751684	751684	751901
3S	1	Yoke, short	750224	750224	750224	750224	750224	751076
4	2	Seal retainer	751680	751680	751680	751680	751680	751680
5	2	V-packing	755461	755461	755461	755461	755461	755461
5A	2	O-ring to replace V-packing . .	751232	751232	751232	751232	751232	751232
6	1	Packing retainer	751659	751659	751659	751659	751659	751659
7	1	End cap	751682	751682	751682	751682	751682	751010
8	1	Red caplug	750568	750568	750568	750568	750568	750568
9	1	Vent plug (not shown)	181256	181256	181256	181256	181256	181256
10	11	Lockwasher	189962	189962	189962	189962	189962	189962
11	7	Screw	189773	189773	189773	189773	189773	189798
12	4	Screw	189723	189723	189723	189723	189723	189723
13	1	O-ring stem, BUNA	755357	755370	755370	755370	755370	755452
	1	O-ring stem, EPDM	750037	750132	750132	750132	750132	751956
	1	O-ring stem, SFY	750173	750077	750077	750077	750077	751957
14	1	O-ring	755356	755356	755356	755356	755356	755356
15	2	O-ring	755388	755388	755388	755388	755388	755388
16	1	O-ring	751747	751747	751747	751747	751747	751747
17	1	Nylon lock pin	750292	750338	750338	750338	750338	750338
18	1	Body lower 2 ports , clamp . . .	771196	770026	770478	770844	770846	770736
	1	Body lower 2 ports , weld		771985	770436	778371	771532	
19	1	Body lower 3 ports , clamp		770003	770489	770863	770878	773277
	1	Body lower 3 ports , weld			770479	771710	771649	9634047871
20	1	Body gasket , BUNA	290285	750376	750376	750385	750391	755421
	1	Body gasket , EPDM	290105	750383	750383	750390	750400	750686
	1	Body gasket , SFY	290023	750382	750382	750389	750398	750738
21	1	Clamp	212196	270266	270266	270267	212211	212209
22	1	Valve plug , BUNA	771230					
	1	Valve plug , EPDM	771470					
	1	Valve plug , SFY	770160					
	1	Valve plug, LP, BUNA (U)	N/A	9634055824	9634055825	9634055826	9634055827	9634055828
	1	Valve plug , LP, EPDM (ESF) . . .	N/A	773198	773116	773199	773014	773201
	1	Valve plug , LP, SFY	N/A	773197	773063	773200	773058	773202
23	1	TR stem/seat assembly	770344	770216	770223	770230	770234	771501
	1	TR2 valve plug	9634052120	773076	9634054774	773080	773086	773239
24	1	Seat, TR snap-on	751524	751525	750943	750947	751268	750906
	1	Seat, TR2 stem	752094	752096	9634050833	752100	752102	752104
25	1	Bonnet	750186	750514	750514	751686	751687	751899
26	1	Stem bushing	760277	763361	763361	763361	763361	762507

		1"	1 1/2"	2"	2 1/2"	3"	4"
□	Non TR Service Kit Buna	9613990336	9613990339	9613990342	9613990345	9613990348	9613990351
□	Non TR Service Kit EPDM	9613990337	9613990340	9613990343	9613990346	9613990349	9613990352
□	Non TR Service Kit SFY	9613990338	9613990328	9613990344	9613990347	9613990350	9613990353
◆	TR Service Kit Buna	9613990088	9613990091	9613990094	9613990097	9613990100	9613990103
◆	TR Service Kit EPDM	9613990089	9613990092	9613990095	9613990098	9613990101	9613990104
◆	TR Service Kit SFY	9613990090	9613990093	9613990096	9613990099	9613990102	9613990105
○	TR2 Service Kit Buna	9613990557	9613990560	9613990563	9613990566	9613990569	9613990572
○	TR2 Service Kit EPDM	9613990558	9613990561	9613990564	9613990567	9613990570	9613990573
○	TR2 Service Kit SFY	9613990559	9613990562	9613990565	9613990568	9613990571	9613990574



Pos	Qty	Denomination	1 1/2"	2"	2 1/2"	3"	4"
1L	1	10/20 actuator, long	751681	751681	751681	751681	751391
1S	1	10/20 actuator, short	750318	750318	750318	750318	750496
2S	1	Stem protector, short	750583	750583	750583	750583	750583
2A	1	Stem protector, long	N/A	N/A	N/A	N/A	751035
2B	1	Stem protector o ring	N/A	N/A	N/A	N/A	750330
2C	1	Stem protector, spacer	N/A	N/A	N/A	N/A	751019
2L	1	Stem protector, long	750577	750577	750577	750577	N/A
2S	1	Stem protector, short	750583	750583	750583	750583	750577
3L	1	Yoke, long	751684	751684	751684	751684	751901
3S	1	Yoke, short	750224	750224	750224	750224	751076
4	2	Seal retainer	751680	751680	751680	751680	751680
5	2	V-packing	755461	755461	755461	755461	755461
5A	2	O-ring to replace v packing	751232	751232	751232	751232	751232
6	□♦○	Packing retainer	751659	751659	751659	751659	751659
7	1	End cap	751682	751682	751682	751682	751010
8	1	Red caplug	750568	750568	750568	750568	750568
9	1	Vent plug (not shown)	181256	181256	181256	181256	181256
10	11	Lockwasher	189962	189962	189962	189962	189962
11	7	Screw	189773	189773	189773	189773	189798
12	1	Screw	189723	189723	189723	189723	189723
13	□♦○	O-ring stem BUNA	755370	755370	755370	755370	755452
	□♦○	O-ring stem EPDM	750132	750132	750132	750132	751956
	□♦○	O-ring stem SFY	750077	750077	750077	750077	751957
14	1	O-ring	755356	755356	755356	755356	755356
15	□♦○	O-ring	755388	755388	755388	755388	755388
16	1	O-ring	751747	751747	751747	751747	751747
17	□♦○	Nylon lock pin	750338	750338	750338	750338	750338
18A	1	Body lower	770428	770056	771110	771013	N/A
20	□♦○	Body gasket BUNA	750376	750376	750385	750391	755421
	□♦○	Body gasket EPDM	750383	750383	750390	750400	750686
	□♦○	Body gasket SFY	750382	750382	750389	750398	750738
21	1	Clamp	270266	270266	270267	212211	212209
30	1	Body upper 2 ports clamp	770119	770120	770121	770122	N/A
32	□♦○	Stem bushing	763362	763362	763362	763362	762528
33	1	Seal retaining washer	750361	750361	750361	750361	750361
34S	1	Stem, LP, BUNA, short (27 & 47)	9634055836	9634055836	9634055837	9634055838	
	1	Stem, LP, EPDM, short (27 & 47)	773205	773205	773203	773207	N/A
	1	Stem, LP, SFY, short (27 & 47)	773206	773206	773204	773208	N/A
35L	1	TR stem, long (27 & 47)	N/A	N/A	N/A	N/A	
35S	1	TR stem,short (27 & 47)	770430	770430	771027	771051	N/A
	1	TR2 stem, short (27 & 47)			9634057923		
35	♦	TR stem seat	751525	750943	750947	751268	
	○	TR2 stem seat	752096	9634050833	752100	752102	752104
			1 1/2"	2"	2 1/2"	3"	4"
□		Non TR Service Kit Buna	9613990327	9613990327	9613990508	9613990330	9613990333
□		Non TR Service Kit EPDM	9613990328	9613990328	9613990509	9613990331	9613990334
□		Non TR Service Kit SFY	9613990329	9613990329	9613990510	9613990332	9613990335
♦		TR Service Kit Buna	9613990106	9613990109	9613990112	9613990115	9613990118
♦		TR Service Kit EPDM	9613990107	9613990110	9613990113	9613990116	9613990119
♦		TR Service Kit SFY	9613990108	9613990111	9613990114	9613990117	9613990120
○		TR2 Service Kit Buna	9613990575	9613990578	9613990581	9613990584	9613990587
○		TR2 Service Kit EPDM	9613990576	9613990579	9613990582	9613990585	9613990588
○		TR2 Service Kit SFY	9613990577	9613990580	9613990583	9613990586	9613990589

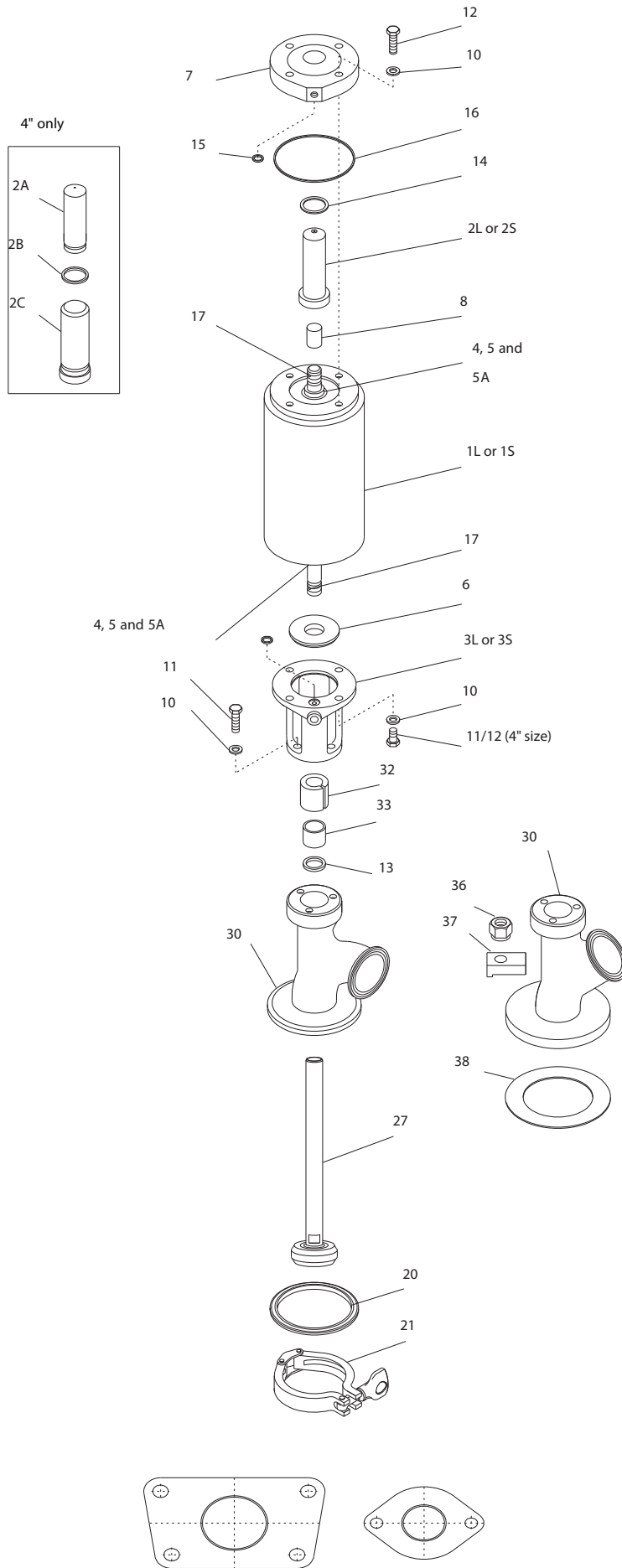


Pos	Qty	Denomination	1 1/2"	2"	2 1/2"	3"	4"
1L	1	Actuator n/c	750651	750384	751391	751391	751391
	1	Air to air	751679	759635	751719	751719	751719
2A	1	Stem protector	N/A	751035	751035	751035	751035
2B	1	O-ring	N/A	750330	750330	750330	750330
2C	1	Spacer	N/A	751019	751019	751019	751019
2L	1	Stem protector, long	750577	N/A	N/A	N/A	N/A
3L	1	Yoke	751684	751487	751487	751901	751901
4	2	Seal retainer	751680	751680	751680	751680	751680
5	2	V-packing	755461	755461	755461	755461	755461
6	1	Packing retainer	751659	751659	751659	751659	751659
7	1	End cap	751682	751010	751010	751010	751010
8	1	Red caplug	750568	750568	750568	750568	750568
9	1	Vent plug (not shown)	181256	181256	181256	181256	181256
10	11	Lockwasher	189962	189962	189962	189962	189962
11	3	Screw	189773	189773	189773	189773	189798
12	8	Screw	189723	189723	189723	189723	189723
13	1	O-ring BUNA	755370	755370	755370	755370	755452
	1	O-ring EPDM	750132	750132	750132	750132	750956
	1	O-ring SFY	750077	750077	750077	750077	750957
14	1	O-ring	755356	755356	755356	755356	755356
15	2	O-ring	755388	755388	755388	755388	755388
16	1	O-ring	755472	755472	755472	755472	755472
17	1	Nylon pin	750338	750338	750338	750338	750338
18	1	Valve body 2 ports clamp	622268	623368	620754	625854	620235
20	1	Body gasket BUNA	298454	298455	298456	298360	299320
	1	Body gasket EPDM	290048	290036	290018	290037	290315
	1	Body gasket SFY	290040	290049	290053	290093	290225
21	1	Clamp	212206	212207	755345	755114	270085
22	1	Stem BUNA	770016	771148	771202	771140	778313
	1	Stem EPDM	771449	771452	771757	771765	
	1	Stem SFY		770670	771280	771167	
	1	Stem TR		9634048527	772744	772747	772788
	1	Seat TR		751995	750903	751967	318872
25	1	Bonnet	750106	751459	751573	751442	759638
26	1	Stem bushing	763361	763361	763361	760791	762507

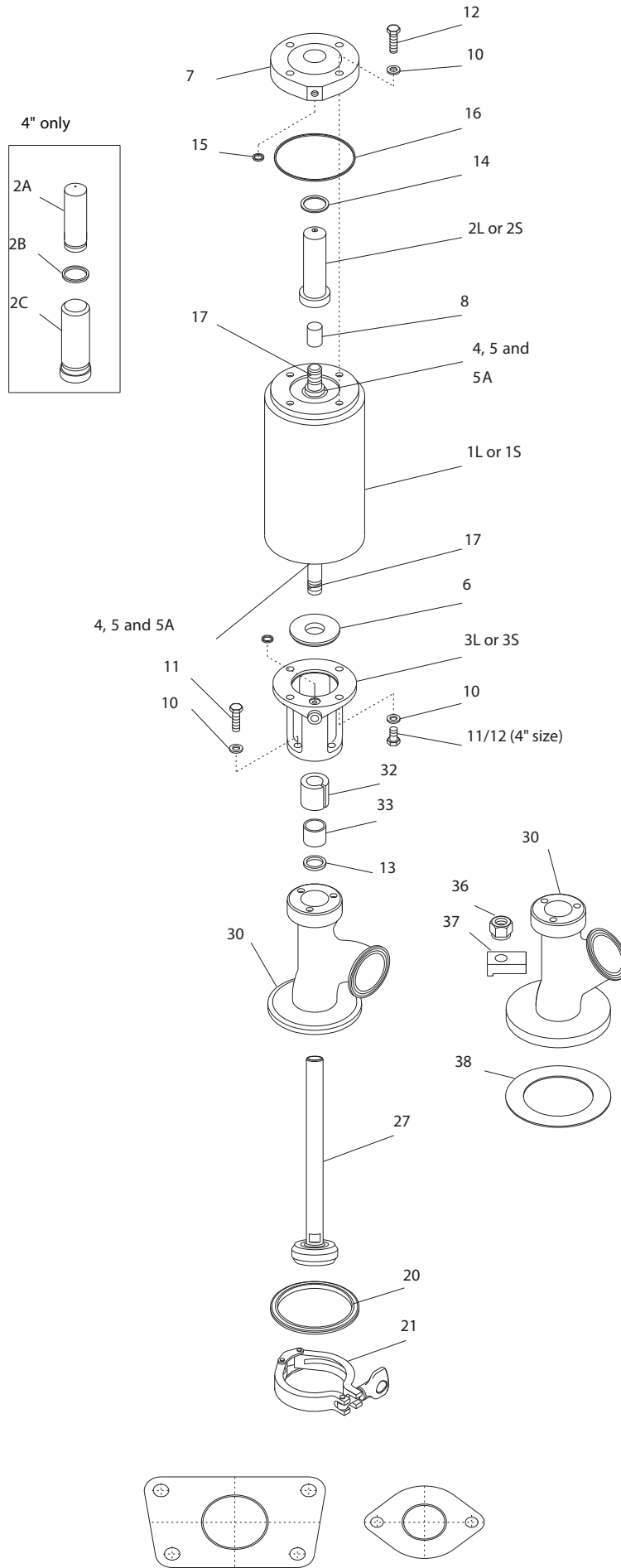
Parts marked with □ are included in the service kits.

Recommended spare parts: Service kits.

		1 1/2"	2"	2 1/2"	3"	4"
□	Service Kit BUNA		9613990357	9613990360	9613990363	9613990366
□	Service Kit EPDM	9613990355	9613990358	9613990361	9613990364	9613990367
□	Service Kit SFY	9613990356	9613990359	9613990362	9613990365	9613990368



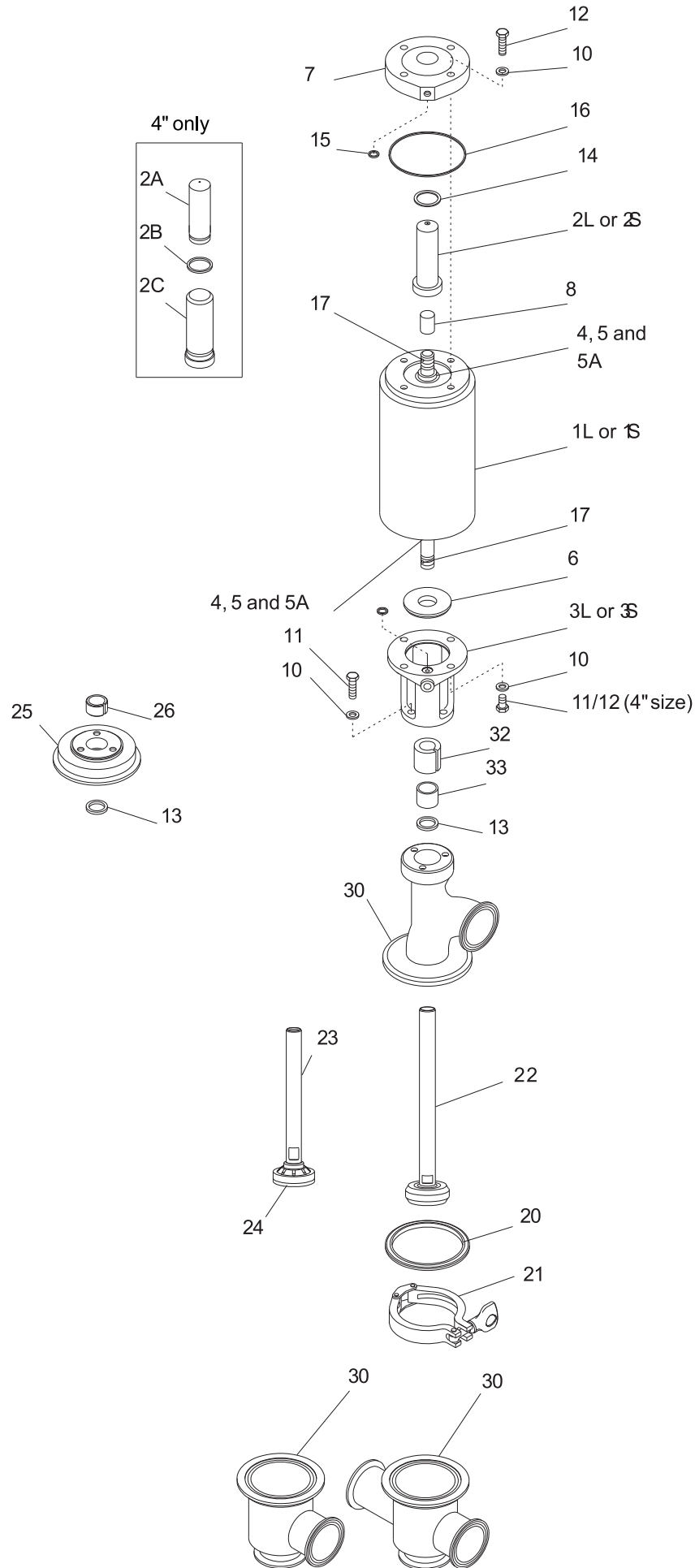
Pos	Qty	Denomination	2"	2 1/2"	3"	4"
1L	1	Actuator long	751681	751681	751681	751681
2L	1	Stem protector long	750577	750577	750577	750577
2A	1	Stem protector long 4"				751035
2B	1	Stem protector o-ring 4"				750330
2C	1	Stem protector spacer 4"				751019
3L	1	Yoke long	751684	751684	751684	751684
4	2	Retainer	751680	751680	751680	751680
5	2	V-packing	755461	755461	755461	755461
5A	2	O-ring to replace v-packing	751232	751232	751232	751232
6	1	Packing retainer	751659	751659	751659	751659
7	1	End cap	751682	751682	751682	751682
8	1	Red capplug	750568	750568	750568	750568
9	1	Vent plug (not shown)	181256	181256	181256	181256
10	11	Lockwasher	189962	189962	189962	189962
11	7	Screw	189773	189773	189773	189773
12	4	Screw	189723	189723	189723	189723
13	1	O-ring stem BUNA	755370	755370	755370	755452
	1	O-ring stem EPDM	750132	750132	750132	750956
	1	O-ring stem SFY	750077	750077	750077	750957
14	1	O-ring	755356	755356	755356	755356
15	2	O-ring	755388	755388	755388	755388
16	1	O-ring	755472	755472	755472	755472
17	2	Nylon lock pin	750338	750338	750338	750338
20	1	Body gasket BUNA 31 & 35	755418	755418	755421	755421
	1	Body gasket EPDM 31 & 35	750811	750811	750686	750686
	1	Body gasket SFY 31 & 35	750609	750609	750738	750738
21	1	Clamp 31 & 35	212208	212208	212209	212209
24	1	TR snap on seat	750943	750947	751268	750906
	1	TR2 snap on seat	9634050833	752100	752102	752104
27	1	Valve plug Buna	770435	771142	771056	771199
	1	Valve plug EPDM	771907	772872	771825	772565
	1	Valve plug SFY	770891	770211	770382	318685
	1	TR valve plug	772981	773222	772789	772866
	1	TR2 valve plug		9634057759	9634057756	9634057766
30	1	Valve body 29	771145	771141	770427	770335
	1	Valve body 31	773525	773526	773527	773532
	1	Valve body 33	770296	770302	770303	770319
	1	Valve body 35		771003	771276	770944
32	1	Split bushing	763362	763362	763362	763507
33	1	Retainer	9634053630	9634053630	9634053630	769928
36	4	Nut for 29 & 33	754288	754288	754288	754288
37	4	Clip for 29 & 33	755057	755057	755057	755057
38	1	Gasket BUNA 29 & 33	755423	755423	755423	755423
	1	Gasket EPDM 29 & 33	750949	750949	750949	9634051854
	1	Gasket SFY 29 & 33	750123	750123	750123	750443
39	1	Tank ferrule 29 & 33 (not shown)	760766	760766	760766	760837
	1	Tank ferrule 31 & 35 (not shown)	760928	760928	760345	760345



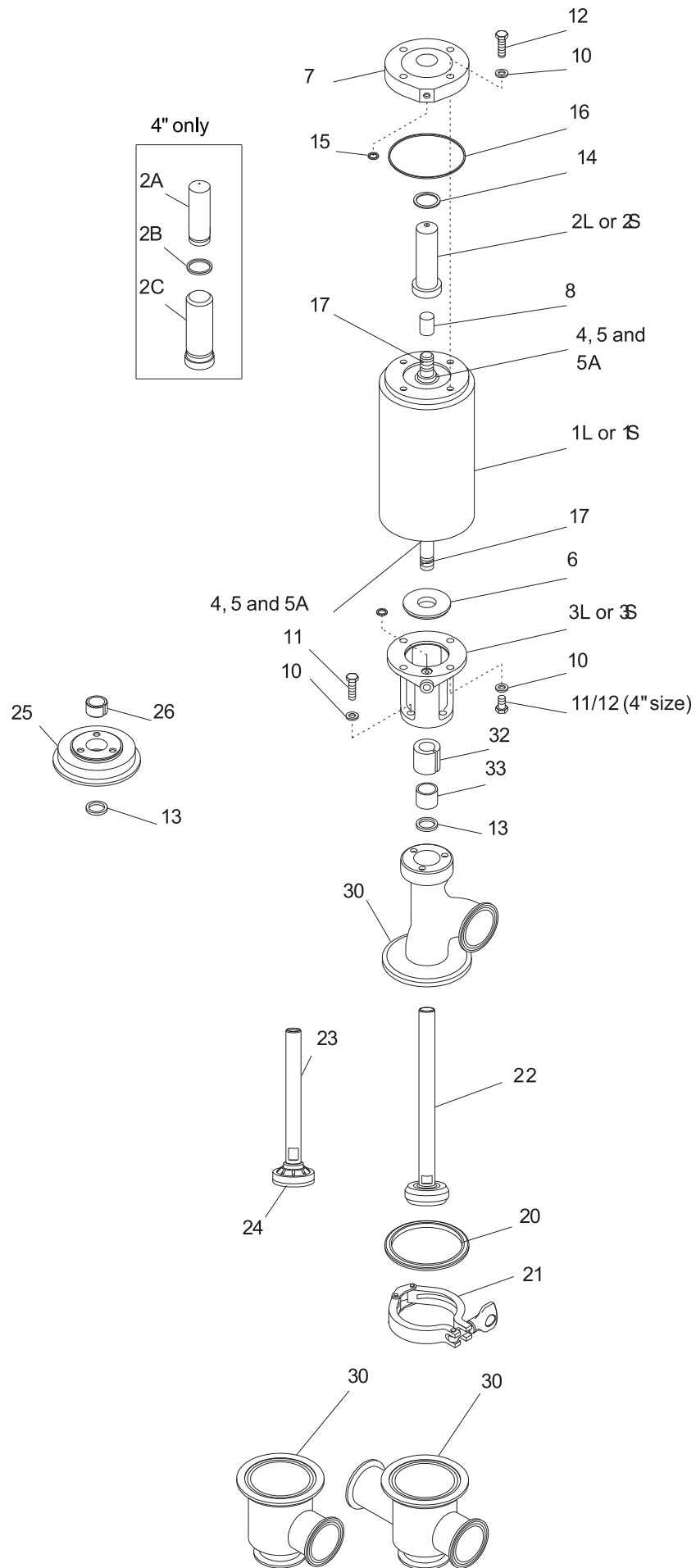
4 hole flange for 2½" and 3" valves

2 hole flange for 2" valves

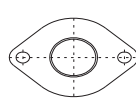
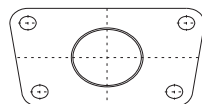
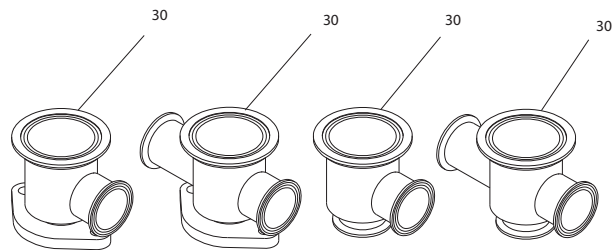
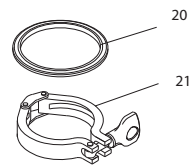
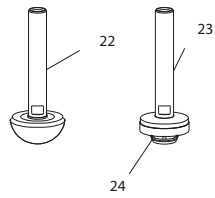
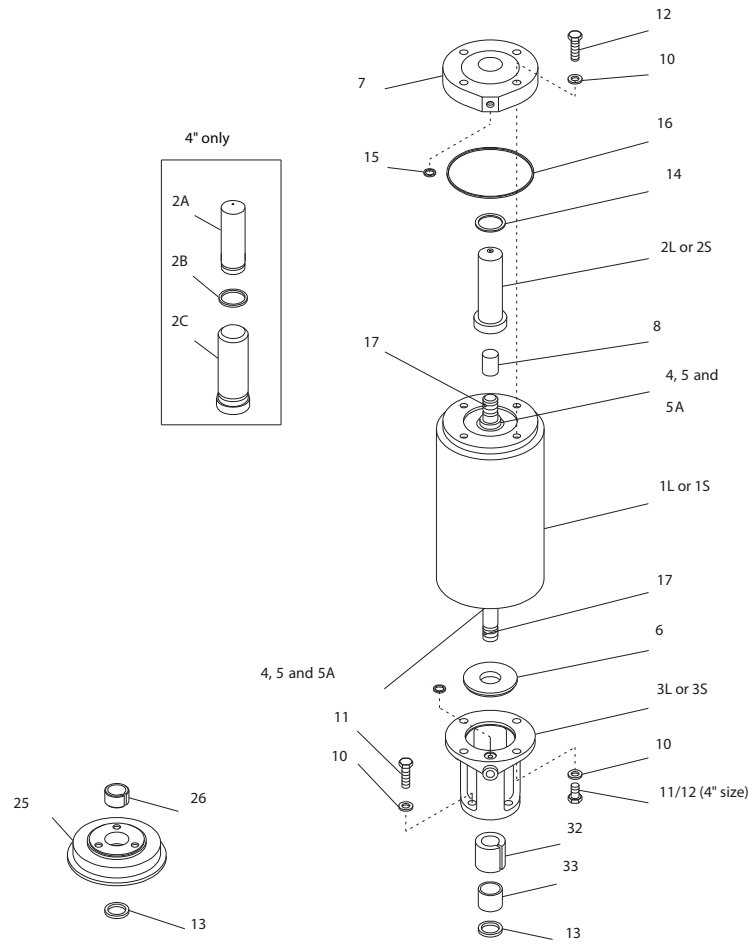
	2"	2 1/2"	3"	4"
Service Kits 29, 33				
□ Non TR Service Kit Buna		9613990309	9613990309	9613990309
□ Non TR Service Kit EPDM	9613990310	9613990310	9613990310	9613990313
□ Non TR Service Kit SFY	9613990311	9613990311	9613990311	9613990314
Service Kits 31, 35				
□ Non TR Service Kit Buna	9613990381	9613990381	9613990384	9613990387
□ Non TR Service Kit EPDM	9613990382	9613990382	9613990385	9613990388
□ Non TR Service Kit SFY	9613990383	9613990383	9613990386	9613990389
Service Kits 29, 33				
♦ TR Service Kit Buna		9613990300	9613990303	9613990306
♦ TR Service Kit EPDM	9613990298	9613990301	9613990304	9613990307
♦ TR Service Kit SFY	9613990299	9613990302	9613990305	9613990308
Service kits 31, 35				
♦ TR Service Kit Buna	9613990485		9613990491	9613990494
♦ TR Service Kit EPDM	9613990486	9613990489	9613990492	9613990495
♦ TR Service Kit SFY	9613990487	9613990490	9613990493	9613990496
Service kits 29, 33				
○ TR2 Service Kit Buna			9613990527	9613990530
○ TR2 Service Kit EPDM	9613990522	9613990525	9613990528	9613990531
○ TR2 Service Kit SFY	9613990523	9613990526	9613990529	9613990532
Service kits 31, 35				
○ TR2 Service Kit Buna		9613990536	9613990539	9613990542
○ TR2 Service Kit EPDM	9613990534	9613990537	9613990540	9613990543
○ TR2 Service Kit SFY	9613990535	9613990538	9613990541	9613990544



Pos	Qty	Denomination	2"	2 1/2"	3"	4"
1L	1	Actuator long 21,22,57,58	751681	751681	751681	751681
	1	Actuator long 13 & 123				751391
1S	1	Actuator short	750318	750318	750318	
2L	1	Stem protector long	751681	751681	751681	751681
2A	1	Stem protector long 4"				751035
2B	1	Stem protector o-ring 4"				750330
2C	1	Stem protector spacer 4"				751019
3L	1	Yoke long	751684	751684	751684	751684
4	2	Retainer	751680	751680	751680	751680
5	2	V-packing	755461	755461	755461	755461
5A	2	O-ring to replace V-packing	751232	751232	751232	751232
6	1	Packing retainer	751659	751659	751659	751659
7	1	End cap	751682	751682	751682	751682
8	1	Red capplug	750568	750568	750568	750568
9	1	Vent plug (not shown)	181256	181256	181256	181256
10	11	Lockwasher	189962	189962	189962	189962
11	7	Screw	189773	189773	189773	189773
12	4	Screw	189723	189723	189723	189723
13	1	O-ring stem BUNA	755370	755370	755370	755452
	1	O-ring stem EPDM	750132	750132	750132	751956
	1	O-ring stem EPDM	750132	750132	750132	751956
	1	O-ring stem SFY	750077	750077	750077	751957
14	1	O-ring	755356	755356	755356	755356
15	2	O-ring	755388	755388	755388	755388
16	1	O-ring	755472	755472	755472	755472
17	2	Nylon lock pin	750338	750338	750338	750338
20	1	Body gasket BUNA 13 & 123	750376	750385	750391	755421
	1	Body gasket EPDM 13 & 123	750383	750390	750400	750686
	1	Body gasket SFY 13 & 123	750382	750389	750398	750738
	1	Body gasket BUNA 21, 22, 57 & 58	755418	755418	755421	755421
	1	Body gasket EPDM 21, 22, 57 & 58	750811	750811	750686	750686
	1	Body gasket SFY 21, 22, 57 & 58	750609	750609	750738	750738
21	1	Clamp 13 & 123	270266	270267	212211	212209
	1	Clamp 21,22,57,58	212208	212208	212209	212209
22	1	Valve plug BUNA 21,22,57,58	770435	771142	771056	771199
	1	Valve plug EPDM 21,22,57,58	771907	772872	771825	772565
	1	Valve plug SFY 21,22,57,58	770891	770211	770382	318685
23	1	TR valve plug 13 & 123	770223	770230	770234	771501
	1	TR2 valve plug 21, 22, 57, 58		9634057759	9634057756	9634057766
	1	TR2 valve plug 13 & 123	9634054774	773080	773086	773239
24	1	TR snap on seat	750943	750947	751268	750906
	1	TR2 stem seat	9634050833	752100	752102	752104
25	1	Bonnet 13 & 123	750514	751686	751687	751899
26	1	Split bushing 13 & 123	763361	763361	763361	762507
30	1	Valve body 13	771285		770650	
	1	Valve body 21	773525	773526	773527	770532
	1	Valve body 22	771676	771677	771678	
	1	Valve body 57	770415	770723	770928	778316
	1	Valve body 58	770418	772413	770417	770440
	1	Valve body 123	771000	770368	770021	9634053363
32	1	Split bushing 21,22,57,58	763362	763362	763362	762507
33	1	Retainer 21,22,57,58	9634053630	9634053630	9634053630	769928
39	1	Tank ferrule 21 (not shown)	761580	761580	760938	760938
	1	Tank ferrule 22,57,58 (not shown)	762284	762284	760948	760948

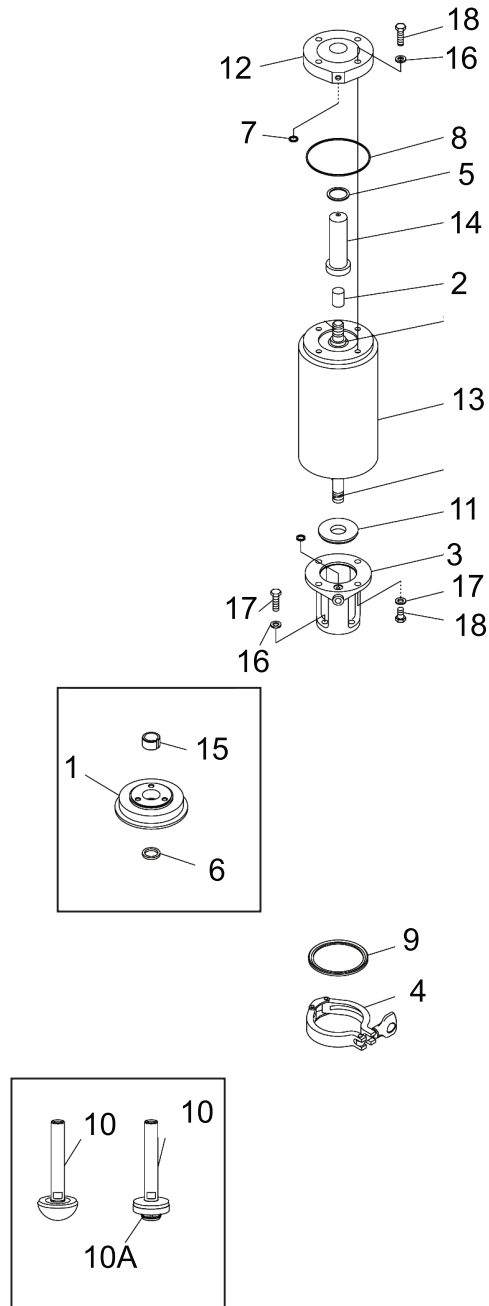


		2"	2 1/2"	3"	4"
Service kits 21, 22, 57, 58					
□	Non TR Service Kits Buna	9613990381	9613990381	9613990384	9613990387
□	Non TR Service Kits EPDM	9613990382	9613990382	9613990385	9613990388
□	Non TR Service Kits SFY	9613990383	9613990383	9613990386	9613990389
Service kits 13, 123					
□	TR Service Kit Buna	9613990369	9613990372	9613990375	9613990378
□	TR Service Kit EPDM	9613990370	9613990373	9613990376	9613990379
□	TR Service Kit SFY	9613990371	9613990374	9613990377	9613990380
Service kits 21, 22, 57, 58					
♦	TR Service Kit Buna	9613990485		9613990491	9613990494
♦	TR Service Kit EPDM	9613990486	9613990489	9613990492	9613990495
♦	TR Service Kit SFY	9613990487	9613990490	9613990493	9613990496
Service kits 13,123					
♦	TR Service Kit Buna	9613990315	9613990318	9613990321	
♦	TR Service Kit EPDM	9613990316	9613990319	9613990322	9613990325
♦	TR Service Kit SFY	9613990317	9613990320	9613990323	9613990326
Service kits 21, 22, 57, 58					
○	TR2 Service Kit Buna		9613990536	9613990539	9613990542
○	TR2 Service Kit EPDM	9613990534	9613990537	9613990540	9613990543
○	TR2 Service Kit SFY	9613990535	9613990538	9613990541	9613990544
Service kits 13, 123					
○	TR2 Service Kit Buna	9613990545	9613990548	9613990551	9613990554
○	TR2 Service Kit EPDM	9613990546	9613990549	9613990552	9613990555
○	TR2 Service Kit SFY	9613990547	9613990550	9613990553	9613990556

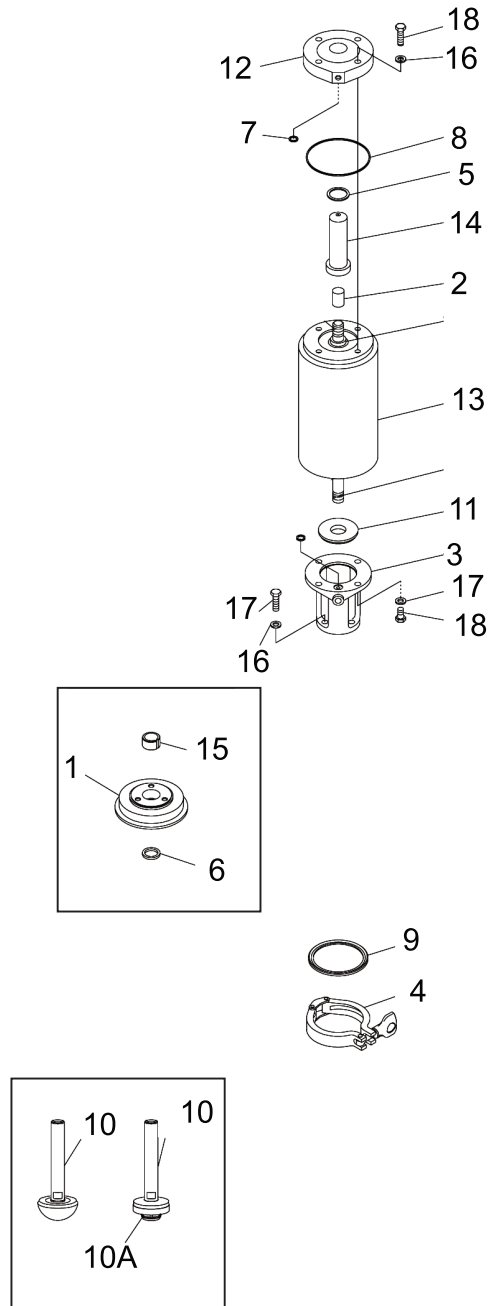


Pos	Qty	Denomination	2"	2 1/2"	3"	4"
1L	1	Actuator long	751681	751681	751681	751391
1S	1	Actuator short	750318	750318	750318	
2L	1	Stem protector long	751681	751681	751681	751681
2A	1	Stem protector long 4"				751035
2B	1	Stem protector ring 4"				750330
2C	1	Stem protector spacer 4"				751019
3L	1	Yoke long	751684	751684	751684	751684
4	2	Retainer	751680	751680	751680	751680
5	2	V-packing	755461	755461	755461	755461
5A	2	O-ring to replace V-packing	751232	751232	751232	751232
6	1	Packing retainer	751659	751659	751659	751659
7	1	End cap	751682	751682	751682	751682
8	1	Red capplug	750568	750568	750568	750568
9	1	Vent plug (not shown)	181256	181256	181256	181256
10	11	Lockwasher	189962	189962	189962	189962
11	7	Screw	189773	189773	189773	189773
12	4	Screw	189723	189723	189723	189723
13	1	O-ring stem BUNA	755370	755370	755370	755452
	1	O-ring stem EPDM	750132	750132	750132	751956
	1	O-ring stem SFY	750077	750077	750077	751957
14	1	O-ring	755356	755356	755356	755356
15	2	O-ring	755388	755388	755388	755388
16	1	O-ring	755472	755472	755472	755472
17	2	Nylon lock pin	750338	750338	750338	750338
20	1	Gasket BUNA 13 & 123	750376	750385	750391	755421
	1	Gasket EPDM 13 & 123	750383	750382	750389	750686
21	1	Clamp	270266	270267	212211	212209
22	1	LP valve plug BUNA	9634055833	9634055834	9634055835	9634055828
	1	LP valve plug EPDM	773244	773246	9634058768	773201
	1	LP valve plug SFY	773243	773245	773248	773202
23	1	TR valve plug	770433	771269	771185	771501
	1	TR2 valve plug	9634053090	9634053091	9634053092	773239
24	1	TR stem seat	750943	750947	751268	750906
	1	TR2 stem seat	9634050833	752100	752102	752104
25	1	Bonnet	750514	751686	751687	751899
26	1	Bushing	763361	763361	763361	762507
30	1	Valve body-47	771026	771032	771024	771366
	1	Valve body-48	770981	770985	770973	771370
	1	Valve body-49	771497	771499	771500	N/A
	1	Valve body-50	771494	771495	771496	N/A
	1	Valve body-51	770770	771223	770385	771380
	1	Valve body-52	772399	772400	772401	772868

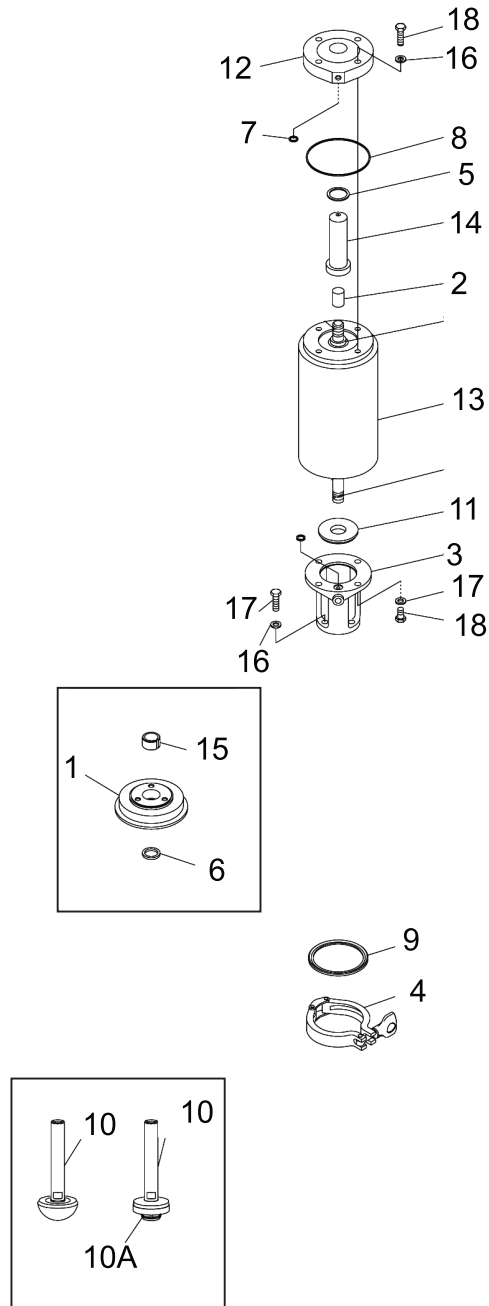
		2"	2 1/2"	3"	4"
□	Non TR Service Kit Buna	9613990369	9613990372	9613990375	9613990378
□	Non TR Service Kit EPDM	9613990370	9613990373	9613990376	9613990379
□	Non TR Service Kit SFY	9613990371	9613990374	9613990377	9613990380
◆	TR Service Kit Buna	9613990315	9613990318	9613990321	
◆	TR Service Kit EPDM	9613990316	9613990319	9613990322	9613990325
◆	TR Service Kit SFY	9613990317	9613990320	9613990323	9613990326
○	TR2 Service Kit Buna			9613990527	9613990530
○	TR2 Service Kit EPDM	9613990522		9613990528	9613990531
○	TR2 Service Kit SFY	9613990523	9613990525	9613990529	9613990532



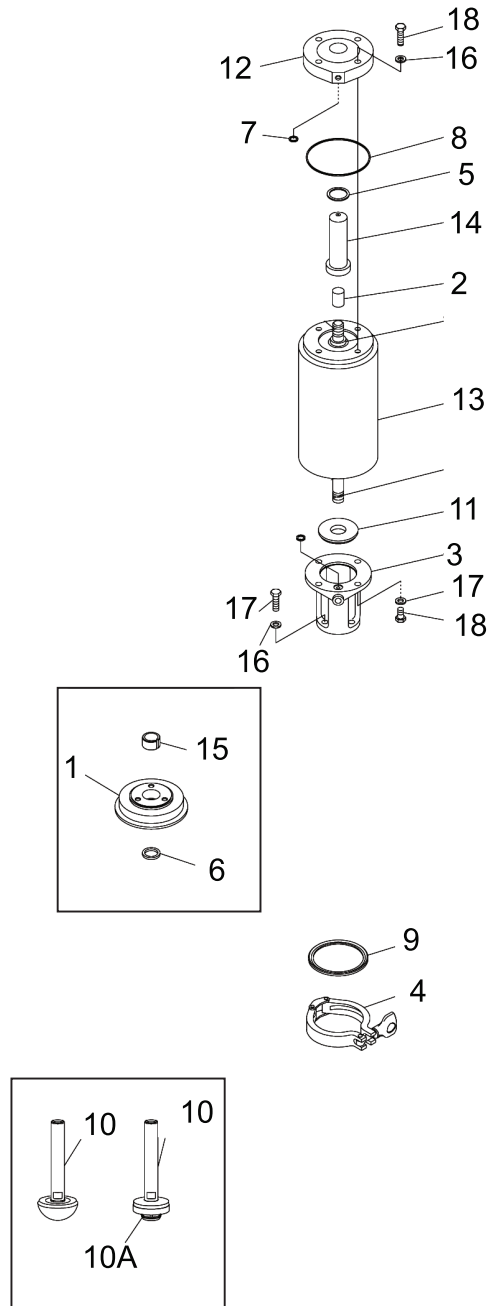
Pos	Qty	Denomination	2"	2 1/2"	3"
1	1	ADAPTER BONNET -761 TO 361	9634067604	9634067605	9634067606
2	1	CAPLUG#5/8	750568	750568	750568
3	1	YOKE	750224	750224	750224
4	1	BODY CLAMP	270266	270267	212211
5	1	O-RING USF	755356	755356	755356
6	□	STEM O-RING BUNA	755370	755370	755370
	◆	STEM O-RING EPDM	750132	750132	750132
	○	STEM O-RING SFY	750077	750077	750077
7	2	O-RING USF	755388	755388	755388
8	1	O-RING USF	755472	755472	755472
9	□	BODY GASKET BUNA	755417	755419	755420
	◆	BODY GASKET EPDM	751799	750812	750322
	○	BODY GASKET SFY	750209	750210	750610
10	1	LP STEM-USF	9634055825	9634055826	9634055827
	1	LP STEM-ESF	773116	773199	773014
	1	LP STEM-SFY	9634055825	9634055826	9634055827
	1	LP STEM-ESF	773116	773199	773014
	1	LP STEM-SFY	773063	773200	773058
11	1	PACKING GLAND	751659	751659	751659
12	1	PLASTIC DOME	751682	751682	751682
13	1	ACTUATOR	750318	750318	750318
14	1	STEM PROTECTOR	750583	750583	750583
15	□◆○	STEM BUSHING	763361	763361	763361
16	11	LOCKWASHER	189962	189962	189962
17	7	SCREW	189773	189773	189773
18	4	SCREW	189723	189723	189723
19	1	VENTED PLUG	181256	181256	181256
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□		Service Kit Buna	9613990662	9613990665	
◆		Service Kit EPDM	9613990663	9613990666	9613990669
○		Service Kit SFY	9613990664	9613990667	9613990670



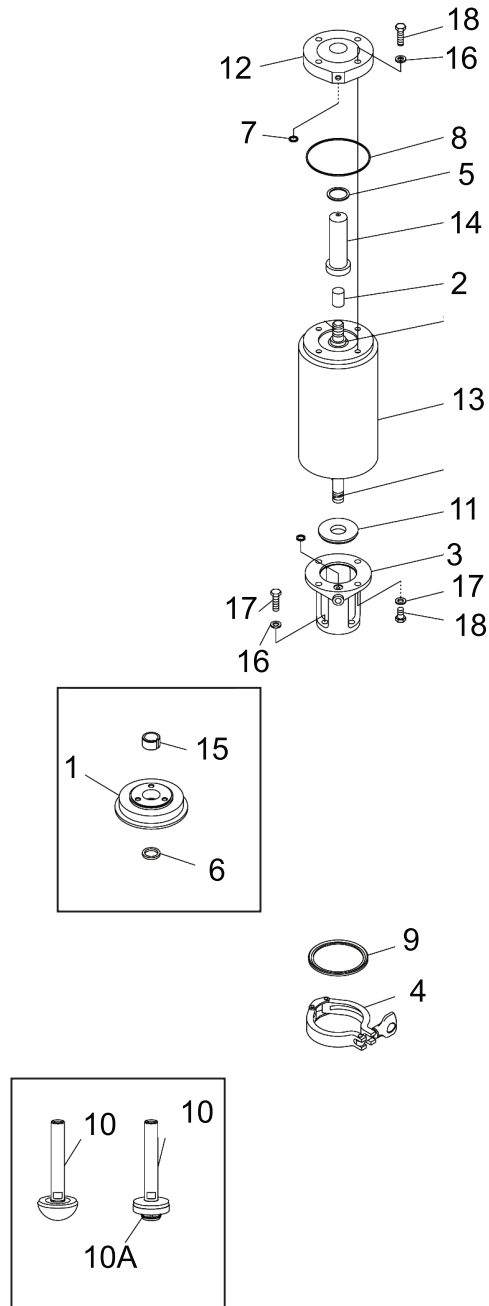
Pos	Qty	Denomination	2"	2 1/2"	3"
1	1	ADAPTER BONNET -761 TO 361	9634067604	9634067605	9634067606
2	1	CAPLUG#5/8	750568	750568	750568
3	1	YOKE	751684	751684	751684
4	1	BODY CLAMP	270266	270267	212211
5	1	O-RING USF	755356	755356	755356
6	□	STEM O-RING BUNA	755370	755370	755370
	◆	STEM O-RING EPDM	750132	750132	750132
	○	STEM O-RING SFY	750077	750077	750077
7	2	O-RING USF	755388	755388	755388
8	1	O-RING USF	755472	755472	755472
9	□	BODY GASKET BUNA	755417	755419	755420
	◆	BODY GASKET EPDM	751799	750812	750322
	○	BODY GASKET SFY	750209	750210	750610
10	1	LP STEM-USF	9634055825	9634055826	9634055827
	1	LP STEM-ESF	773116	773199	773014
	1	LP STEM-SFY	773063	773200	773058
11	1	PACKING GLAND	751659	751659	751659
12	1	PLASTIC DOME	751682	751682	751682
13	1	ACTUATOR	750318	750318	750318
14	1	STEM PROTECTOR	750577	750577	750577
15	□◆○	STEM BUSHING	763361	763361	763361
16	11	LOCKWASHER	189962	189962	189962
17	7	SCREW	189773	189773	189773
18	4	SCREW	189723	189723	189723
19	1	VENTED PLUG	181256	181256	181256
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□		Service Kit Buna	9613990662	9613990665	
◆		Service Kit EPDM	9613990663	9613990666	9613990669
○		Service Kit SFY	9613990664	9613990667	9613990670



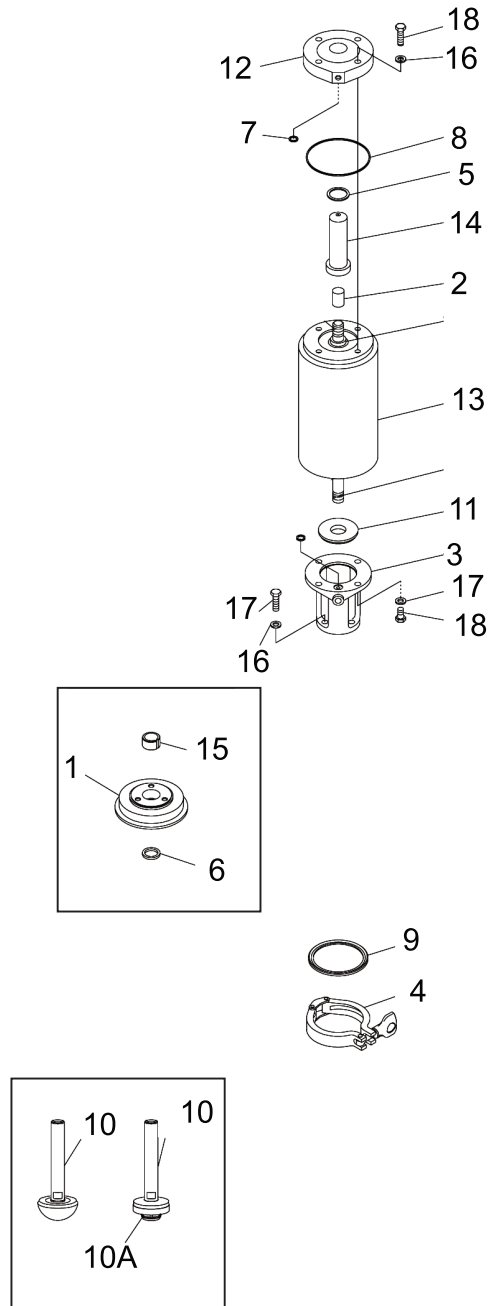
Pos	Qty	Denomination	2"	2 1/2"	3"
1	1	ADAPTER BONNET -761 TO 361	9634067604	9634067605	9634067606
2	1	CAPLUG#5/8	750568	750568	750568
3	1	YOKE	750224	750224	750224
4	1	BODY CLAMP	270266	270267	212211
5	1	O-RING USF	755356	755356	755356
6	□	STEM O-RING BUNA	755370	755370	755370
	◆	STEM O-RING EPDM	750132	750132	750132
	○	STEM O-RING SFY	750077	750077	750077
7	2	O-RING USF	755388	755388	755388
8	1	O-RING USF	755472	755472	755472
9	□	BODY GASKET BUNA	755417	755419	755420
	◆	BODY GASKET EPDM	751799	750812	750322
	○	BODY GASKET SFY	750209	750210	750610
10	1	LP STEM-USF	770223	770230	770234
10A	□◆○	TR SEAT ONLY	750943	750947	751268
11	1	PACKING GLAND	751659	751659	751659
12	1	PLASTIC DOME	751682	751682	751682
13	1	ACTUATOR	750318	750318	750318
14	1	STEM PROTECTOR	750583	750583	750583
15	□◆○	STEM BUSHING	763361	763361	763361
16	11	LOCKWASHER	189962	189962	189962
17	7	SCREW	189773	189773	189773
18	4	SCREW	189723	189723	189723
19	1	VENTED PLUG	181256	181256	181256
	◆	Service Kit EPDM	9613990672	9613990675	9613990678
	○	Service Kit SFY	9613990673	9613990676	9613990679



Pos	Qty	Denomination	2"	2 1/2"	3"
1	1	ADAPTER BONNET -761 TO 361	9634067604	9634067605	9634067606
2	1	CAPLUG#5/8	750568	750568	750568
3	1	YOKE	751684	751684	751684
4	1	BODY CLAMP	270266	270267	212211
5	1	O-RING USF	755356	755356	755356
6	□	STEM O-RING BUNA	755370	755370	755370
	◆	STEM O-RING EPDM	750132	750132	750132
	○	STEM O-RING SFY	750077	750077	750077
7	2	O-RING USF	755388	755388	755388
8	1	O-RING USF	755472	755472	755472
9	□	BODY GASKET BUNA	755417	755419	755420
	◆	BODY GASKET EPDM	751799	750812	750322
	○	BODY GASKET SFY	750209	750210	750610
10	1	TR STEM COMPLETE	770223	770230	770234
10A	□◆○	TR SEAT ONLY	750943	750947	751268
11	1	PACKING GLAND	751659	751659	751659
12	1	PLASTIC DOME	751682	751682	751682
13	1	ACTUATOR	751681	751681	751681
14	1	STEM PROTECTOR	750577	750577	750577
15	□◆○	STEM BUSHING	763361	763361	763361
16	11	LOCKWASHER	189962	189962	189962
17	7	SCREW	189773	189773	189773
18	4	SCREW	189723	189723	189723
19	1	VENTED PLUG	181256	181256	181256
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◆		Service Kit EPDM	9613990672	9613990675	9613990678
○		Service Kit SFY	9613990673	9613990676	9613990679



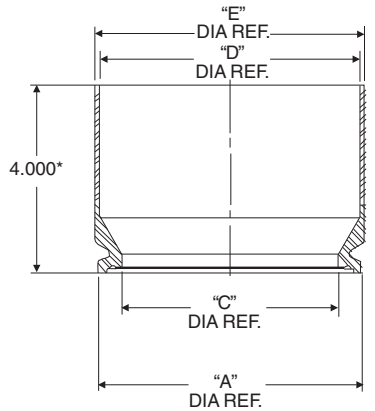
Pos	Qty	Denomination	2"	2 1/2"	3"
1	1	ADAPTER BONNET -761 TO 361	9634067604	9634067605	9634067606
2	1	CAPLUG#5/8	750568	750568	750568
3	1	YOKE	750224	750224	750224
4	1	BODY CLAMP	270266	270267	212211
5	1	O-RING USF	755356	755356	755356
6	□	STEM O-RING BUNA	755370	755370	755370
	◆	STEM O-RING EPDM	750132	750132	750132
	○	STEM O-RING SFY	750077	750077	750077
7	2	O-RING USF	755388	755388	755388
8	1	O-RING USF	755472	755472	755472
9	□	BODY GASKET BUNA	755417	755419	755420
	◆	BODY GASKET EPDM	751799	750812	750322
	○	BODY GASKET SFY	750209	750210	750610
10	1	TR2 STEM COMPLETE	9634054774	773080	773086
10A	□◆○	TR SEAT ONLY	9634050833	752100	752102
11	1	PACKING GLAND	751659	751659	751659
12	1	PLASTIC DOME	751682	751682	751682
13	1	ACTUATOR	750318	750318	750318
14	1	STEM PROTECTOR	750583	750583	750583
15	□◆○	STEM BUSHING	763361	763361	763361
16	11	LOCKWASHER	189962	189962	189962
17	7	SCREW	189773	189773	189773
18	4	SCREW	189723	189723	189723
19	1	VENTED PLUG	181256	181256	181256
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□		Service Kit Buna	9613990680		
◆		Service Kit EPDM	9613990681	9613990684	9613990687
○		Service Kit SFY	9613990682	9613990685	9613990688



Pos	Qty	Denomination	2"	2 1/2"	3"
1	1	ADAPTER BONNET -761 TO 361	9634067604	9634067605	9634067606
2	1	CAPLUG#5/8	750568	750568	750568
3	1	YOKE	751684	751684	751684
4	1	BODY CLAMP	270266	270267	212211
5	1	O-RING USF	755356	755356	755356
6	□	STEM O-RING BUNA	755370	755370	755370
	◆	STEM O-RING EPDM	750132	750132	750132
	○	STEM O-RING SFY	750077	750077	750077
7	2	O-RING USF	755388	755388	755388
8	1	O-RING USF	755472	755472	755472
9	□	BODY GASKET BUNA	755417	755419	755420
	◆	BODY GASKET EPDM	751799	750812	750322
	○	BODY GASKET SFY	750209	750210	750610
10	1	TR2 STEM COMPLETE	9634054774	773080	773086
10A	□◆○	TR SEAT ONLY	9634050833	752100	752102
11	1	PACKING GLAND	751659	751659	751659
12	1	PLASTIC DOME	751682	751682	751682
13	1	ACTUATOR	751681	751681	751681
14	1	STEM PROTECTOR	750577	750577	750577
15	□◆○	STEM BUSHING	763361	763361	763361
16	11	LOCKWASHER	189962	189962	189962
17	7	SCREW	189773	189773	189773
18	4	SCREW	189723	189723	189723
19	1	VENTED PLUG	181256	181256	181256
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□		Service Kit Buna	9613990680		
◆		Service Kit EPDM	9613990681	9613990684	9613990687
○		Service Kit SFY	9613990682	9613990685	9613990688

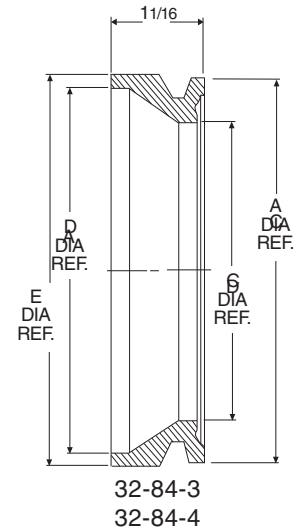
Valve Model	Ferrule Part Numbers	
	Ferrule	Valve Only-Less Ferrule
762-21-Size	32-82-3	762-20-2" & 2.5"
	32-82-4	762-20-3" & 4"
762-31-Size	32-84-3	762-20-2" & 2.5"
	32-84-4	762-20-3" & 4"
762-29-Size	32-121	762-28-2" & 2.5" & 3"
	32-180	762-28-4"
762-57-Size	32-154	762-55-2" & 2.5"
	32-595	762-20-3" & 4"
762-58-Size	32-154	762-56-2" & 2.5"
	32-595	762-56-3" & 4"
762-35-Size	32-84-3	762-24-2" & 2.5"
	32-84-4	762-24-3" & 4"
762-33-Size	32-121	762-32-2" & 2.5" & 3"
	32-180	762-32-4"

Tank Pods for Kettle Valves Dimensions



*4" length is standard. Other lengths available per customer requirement.

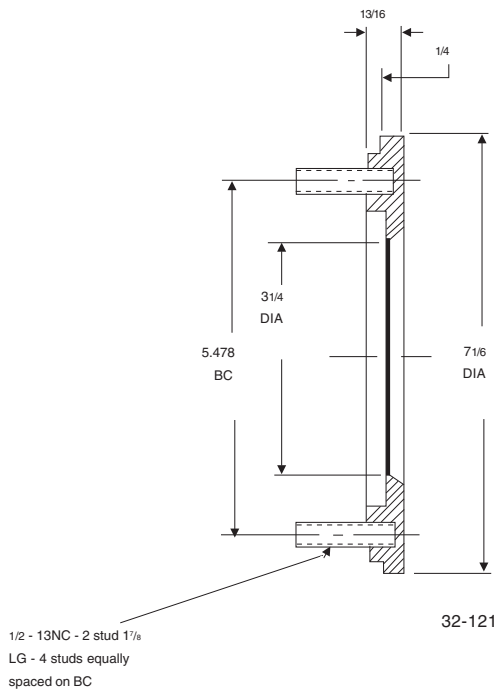
32-82-3
32-82-4



32-84-3
32-84-4

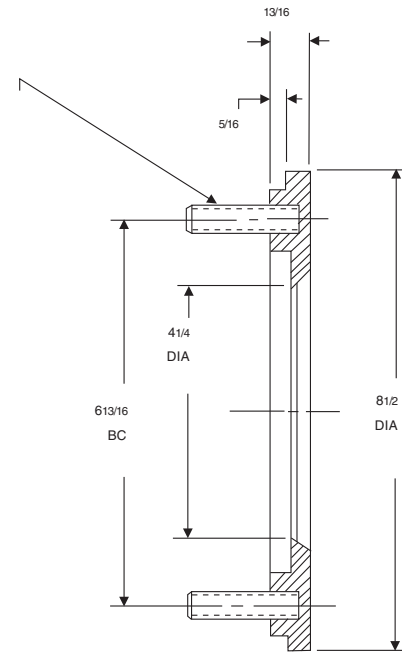
Size 32-82 and 32-84

Valve Size (in)	A	C	D	E
	in	in	in	in
3	4.20	3.31	4.25	4.50
4	5.87	4.84	5.78	6.00

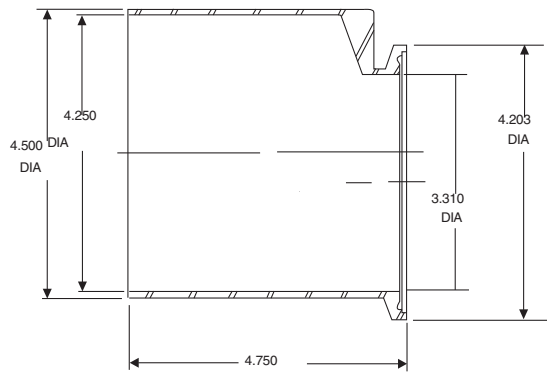


32-121

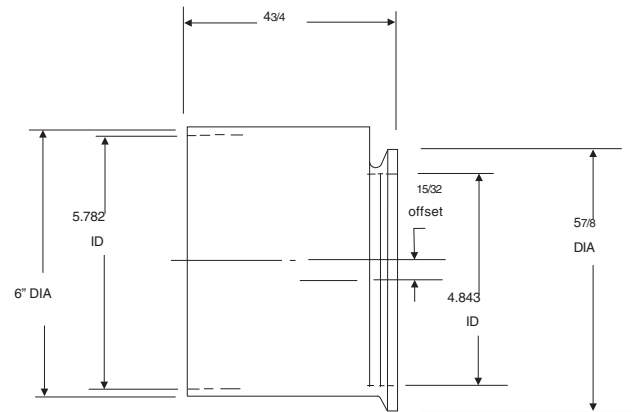
1/2 - 13NC - 2 stud x
1 7/8 LG - 4 studs
equally spaced on BC



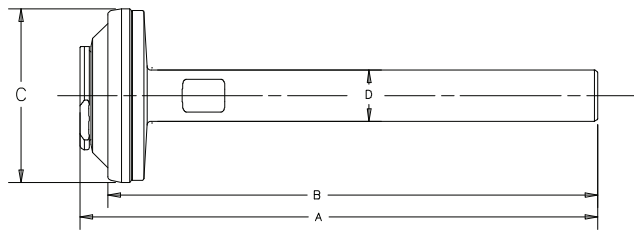
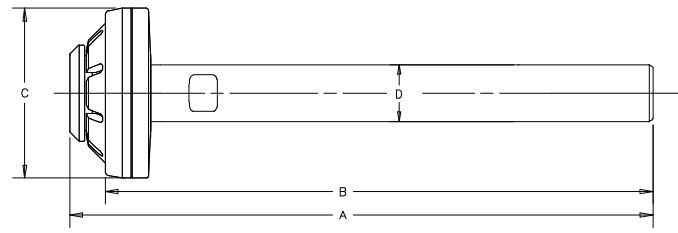
32-180



32-154

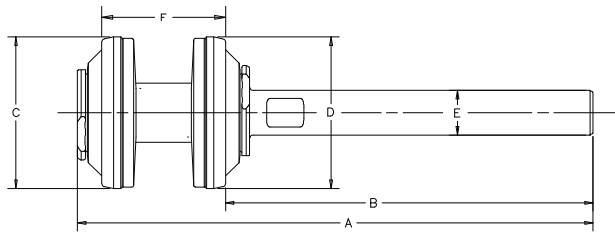


32-595

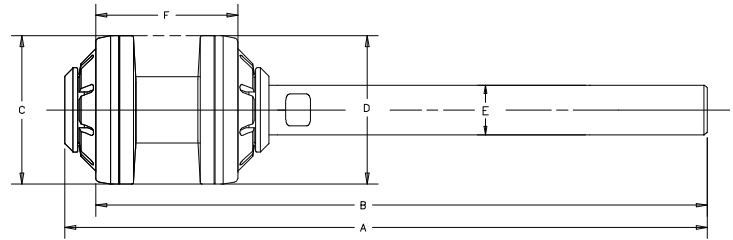
**TR2 Plug****TR Plug**

Dimensions are approximate and are intended to aid in identification only. For more information, contact Alfa Laval, Inc.

Series	Size	Part Number (19TR/TR2)	A	B	C	D
761	1 1/2	19TR-1254-1 1/2-316L	5 3/4	5 3/16	1 1/2	3/4
761	2	19TR-1254-2-316L	5 21/32	5 3/16	2 1/16	3/4
761	2 1/2	19TR-1254-2 1/2-316L	5 27/32	5 3/8	2 35/32	3/4
761	3	19TR-1254-3-316L	6 11/32	5 7/8	3 1/16	3/4
761	4	19TR-1254-4-316L	8 17/64	7 13/16	4 1/16	3/4
761	4	19TR-1254A-4-316L	9 3/4	9 19/64	4 1/16	7/8
761	2	19TR-1300-2-316L	5 61/64	5 31/64	2 1/16	3/4
761	2 1/2	19TR-1300-2 1/2-316L	6 29/64	5 63/64	2 17/64	3/4
761	3	19TR-1300-3-316L	6 61/64	6 31/64	3 1/16	3/4
761	1 1/2	19TR-1308-1 1/2-316L	6 29/32	5 7/16	2 1/4	3/4
761	2	19TR-1308-2-316L	7 17/64	7 51/64	2 7/16	3/4
761	2 1/2	19TR-1308-2 1/2-316L	7 39/64	7 9/64	3 23/32	3/4
761	3	19TR-1308-3-316L	8 11/16	8 7/32	4 15/32	3/4
761	4	19TR-1308A-4-316L	12	11 9/16	5 7/8	7/8

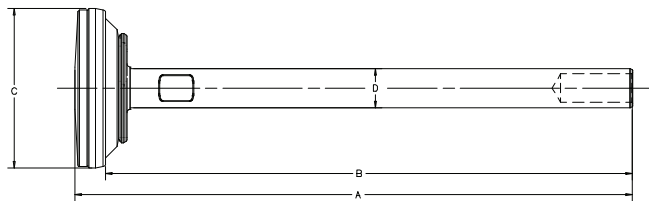


TR2 Plug

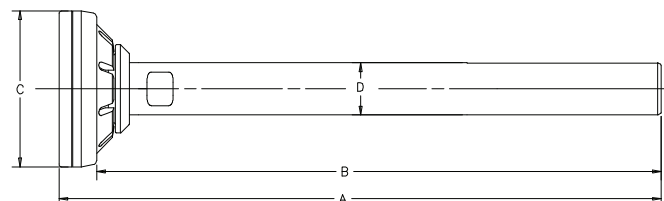


TR Plug

Series	Size	Part Number (19TR/TR2)	A	B	C	D	E	F
761	1 1/2	19TR-1276-1 1/2-316L	9 5/16	5 3/16	1 1/2	2 1/16	3/4	2 17/64
761	2	19TR-1276-2-316L	9 1/4	8 3/4	2 1/16	2 1/16	3/4	2 17/64
761	2 1/2	19TR-1276-2 1/2-316L	10 3/32	9 5/8	2 35/64	2 35/64	3/4	2 29/64
761	3	19TR-1276-3-316L	11 7/64	10 5/8	3 1/6	3 1/16	3/4	3
761LS	1 1/2	19TR-1255-1 1/2-316L	9 19/64	8 47/64	1 1/2	2 1/16	3/4	1 33/64
761LS	2	19TR-1255-2-316L	9 13/64	8 47/64	2 1/16	2 1/16	3/4	1 7/16
761LS	2 1/2	19TR-1255-2 1/2-316L	10 1/16	9 39/64	2 35/64	2 35/64	3/4	1 5/8
761LS	3	19TR-1255-3-316L	11 5/64	10 39/64	3 1/16	3 1/16	3/4	2 1/8
761LS	4	19TR-1255-4-316L	14 29/32	14 11/32	4 1/16	4 1/16	3/4	2 9/32
761LS	4	19TR-1255A-4-316L	15 1/32	14 9/6	4 1/16	4 1/16	7/8	1 7/64

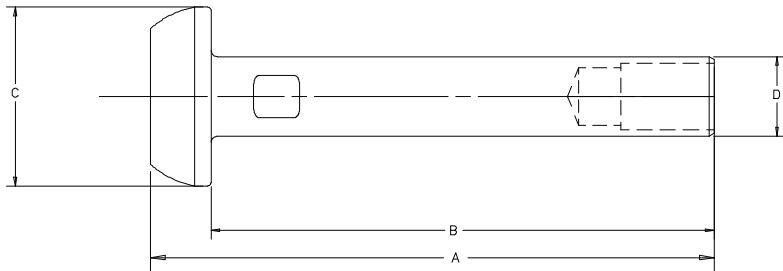


TR2 Plug



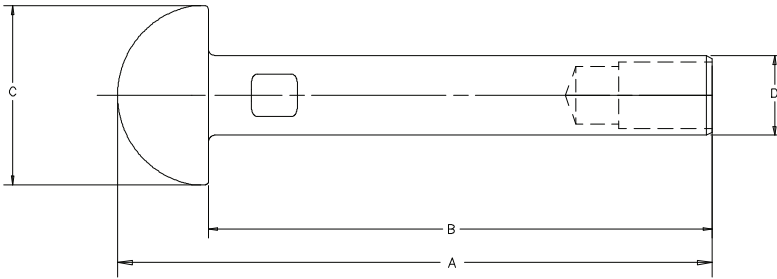
TR Plug

Series	Size	Part Number (19TR/TR2)	A	B	C	D
761	2	19TR-1306-2-316L	6 59/64	6 15/32	2 1/16	3/4
761	2 1/2	19TR-1306-2 1/2-316L	7 19/32	7 1/16	2 35/64	3/4
761	3	19TR-1306-3-316L	8 3/32	7 37/64	3 1/16	3/4



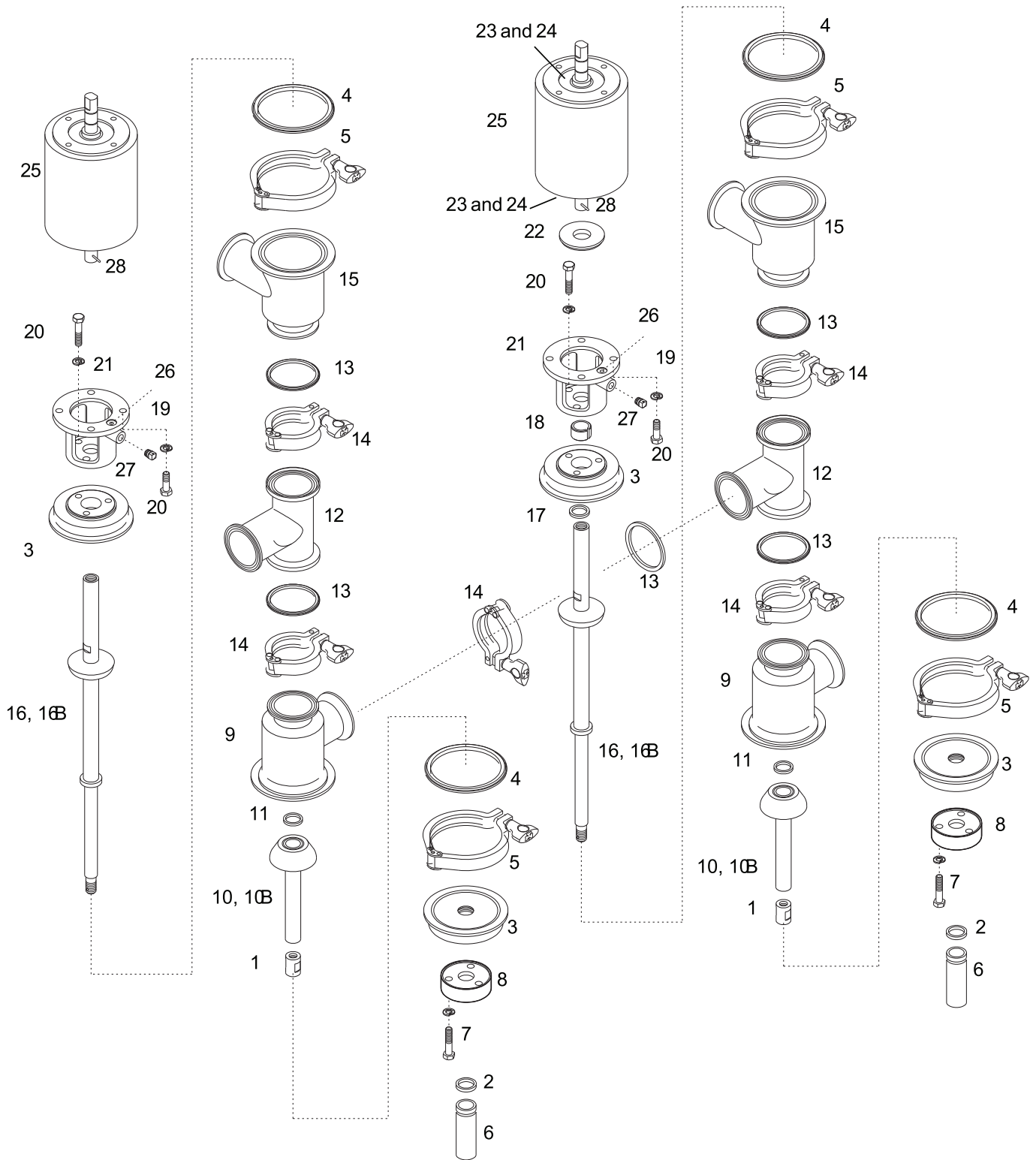
Dimensions are approximate and are intended to aid in identification only. For more information, contact Alfa Laval, Inc.

Series	Size	Part Number	A	B	C	D
761	1 1/2	19LP-1254-1 1/2-316L	5 19/64	4 23/32	1 11/16	3/4
761	2	19LP-1254-2-316L	5 13/32	4 47/65	2 13/64	3/4
761	2 1/2	19LP-1254-2 1/2-316L	5 5/8	4 15/16	2 23/32	3/4
761	3	19LP-1254-3-316L	6 1/8	5 7/16	3 7/32	3/4
761	4	19LP-1295A-4-316L	9 31/64	8 13/16	4 7/32	3/4
861	1 1/2	19LP-1336-1 1/2-316L	6 35/64	5 31/32	1 11/16	3/4
861	2	19LP-1336-2-316L	6 21/64	5 31/32	2 13/64	3/4
861	2 1/2	19LP-1336-2 1/2-316L	6 55/64	6 3/16	2 23/32	3/4
861	3	19LP-1336-3-316L	7 3/8	6 11/16	3 7/32	3/4
861	4	19LP-1426-4-316L	10 25/32	10 3/32	4 7/32	7/8
762	2	19LP-1300-2-316L	5 23/32	5 1/32	2 13/64	3/4
762	2 1/2	19LP-1300-2 1/2-316L	6 7/32	5 13/32	2 23/32	3/4
762	3	19LP-1300-3-316L	6 23/32	6 1/32	3 7/32	3/4
762	4	19LP-1436-3-316L	8 27/32	8 11/64	4 7/32	7/8



Dimensions are approximate and are intended to aid in identification only. For more information, contact Alfa Laval, Inc.

Series	Size	Part Number	A	B	C	D
761	1 1/2	19-1254-1 1/2-316L	5 29/64	4 23/32	1 11/16	3/4
761	2	19-1254-2-316L	5 3/4	4 37/65	2 9/32	3/4
761	2 1/2	19-1254-2 1/2-316L	6 3/32	4 5/8	2 55/64	3/4
761	3	19-1254-3-316L	6 27/32	5 1/16	3 13/32	3/4
761	4	19-1254-4-316L	7 25/32	6 29/32	4 13/32	3/4
761	4	19-1254A-4-316L	9 17/32	8 5/8	4 13/32	7/8
861	1 1/2	19-1336-1 1/2-316L	6 55/64	5 31/32	1 11/16	3/4
861	2	19-1336-2-316L	7	5 53/64	2 9/32	3/4
861	2 1/2	19-1336-2 1/2-316L	7 11/32	5 43/64	2 55/32	3/4
861	3	19-1336-3-316L	8 3/32	6 5/16	3 13/32	3/4
762	2	19-1300-2-316L	6 1/16	4 3/4	2 9/32	3/4
762	2 1/2	19-1300-2 1/2-316L	6 45/64	5 1/4	2 55/64	3/4
762	3	19-1300-3-316L	7 29/64	6 21/32	3 13/32	3/4



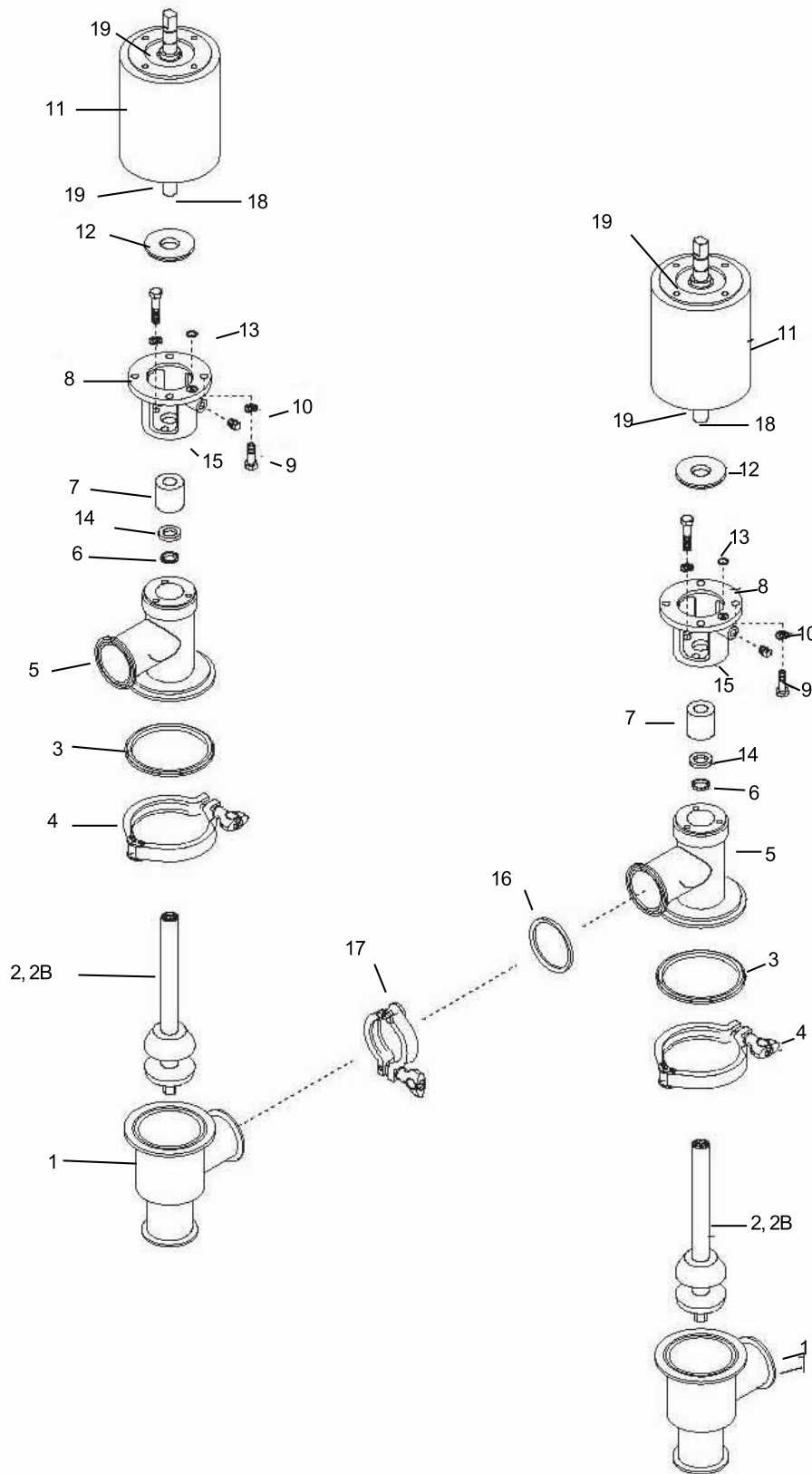
Pos	Qty	Denomination	2"	2 1/2"	3"	4"
1	2	Nut	751794	751794	751794	751284
2	2	O-ring BUNA	750330	750330	750330	750304
	2	O-ring EPDM	751916	751916	751916	
	2	O-ring SFY	751887	751887	751887	
3	4	Bonnet	750514	751686	751687	751899
4	2	Body gasket BUNA	750376	750385	750391	755421
	2	Body gasket EPDM	750383	750390	750400	750686
	2	Body gasket SFY	750382	750389	750398	750738
5	1	Clamp	212198	212199	212111	212109
6	2	Stem guard	750182	750182	750182	750182
7	6	Screw	189723	189723	189723	189723
8	2	End cap	751795	751795	751795	751283
9	2	R.H. body	771026	771026	771024	771366
10	2	Lower stem BUNA				772293
	2	Lower Stem, LP, BUNA	9634059328	9634059330	9634059333	
	2	Lower Stem, LP, EPDM			9634059332	
	2	Lower Stem, LP (SFY)	9634059326	9604058919	9634059331	
	2	TR lower stem	771396	771405	771426	772766
	2	TR2 lower stem	9634051660	9634054995	9634055129	9634051446
10B	2	TR stem seat lower	750943	750947	751268	750906
	2	TR2 stem seat lower	9634050833	752100	752102	752104
11	2	O-ring BUNA	300543	300543	300543	751301
	2	O-ring EPDM	300016	300016	300016	752040
	2	O-ring SFY	300061	300061	300061	N/A
12	2	Body	771253	771303	771300	772309
13	5	Gasket BUNA	298453	298454	298455	298456
	5	Gasket EPDM	290043	290048	290036	290018
	5	Gasket SFY	290030	290040	290049	290053
14	5	Clamp	212196	212197	212198	212199
15	2	L.H. body	770981	770985	770973	771370
16	2	Stem BUNA				772308
	2	Stem, LP, BUNA	9634059289	9634059291	9634059294	
	2	Stem, LP, EPDM			9634059293	
	2	Stem, LP, SFY		9634058928	9634059292	
	2	TR stem	771397	771411	771434	772374
	2	TR2 stem	9634051657	9634054992	9634055126	9634051449
16B	2	TR stem seat	750943	750947	751268	750906
	2	TR2 stem seat	9634050833	752100	752102	752104
17	4	O-ring BUNA	755370	755370	755370	755452
	4	O-ring EPDM	750132	750132	750132	750956
	4	O-ring SFY	750077	750077	750077	750957
18	4	Bushing	763361	763361	763361	762507
19	20	Lockwasher	189962	189962	189962	189962
20	14	Screw	189773	189773	189773	189773
21	2	Yoke	750224	750224	750224	750849
22	4	Packing retainer	751659	751659	751659	751659
23	4	Packing	755461	755461	755461	755461
24	4	Seal retainer	751680	751680	751680	751659
25	2	Actuator	750201	750201	750201	750296
	2	Actuator, HP Options	NA	NA	751222	751222
26	2	O-ring	755388	755388	755388	755388
27	2	Vent plug	181256	181256	181256	181256
28	4	Pin	750338	750338	750338	750338

Test Gages: 84-5-A Inspection gage for 762MRAL 2" - 3", 84-5-B Inspection gage for 762MRAL 4".

See "Green Top Spares" for indication top spares.

Parts marked with $\square\blacklozenge$ are included in the service kits.

		2"	2 1/2"	3"	4"
\square	Service Kit Buna	9613990390	9613990393	9613990396	9613990399
\square	Service Kit EPDM	9613990391	9613990394	9613990397	9613990400
\square	Service Kit SFY	9613990392	9613990395	9613990398	9613990401
\blacklozenge	TR Service Kit Buna	9613990590	9613990593	9613990596	9613990599
\blacklozenge	TR Service Kit EPDM	9613990591	9613990594	9613990597	9613990600
\blacklozenge	TR Service Kit SFY	9613990592	9613990595	9613990598	9613990601
\circ	TR2 Service Kit Buna	9613990602	9613990605	9613990608	9613990611
\circ	TR2 Service Kit EPDM	9613990603	9613990606	9613990609	9613990612
\circ	TR2 Service Kit SFY	9613990604	9613990607	9613990610	9613990613



Pos	Qty	Denomination	1 1/2"	2"	2 1/2"	3"
1	2	Lower body	770106	770107	770111	770116
2	2	Stem, LP, BUNA	9634055829	9634055830	9634055831	9634055832
	2	Stem, LP, EPDM	773147	772835	773136	772833
	2	Stem, LP, SFY	773158	9634050983	773137	773142
	2	TR valve plug	770338	770343	770349	770354
	2	TR2 valve plug	9634052007	9634054775	9634052001	9634052008
2B	□	TR seat upper	751525	750943	750947	751268
	□	TR seat lower	750943	750943	750947	751268
	◆	TR2 seat upper	752096	9634050833	752100	752102
	◆	TR2 seat lower	9634050833	9634050833	752100	752102
3	□◆○	Body gasket BUNA	750376	750376	750385	750391
	□◆○	Body gasket EPDM	750383	750383	750390	750400
	□◆○	Body gasket SFY	750382	750382	750389	750398
4	2	Clamp	270266	270266	270267	270211
5	2	Upper body	770119	770120	770121	770122
6	□◆○	O-ring stem BUNA	755370	755370	755370	755370
	□◆○	O-ring stem EPDM	750132	750132	750132	750132
	□◆○	O-ring stem SFY	750077	750077	750077	750077
7	1	Bushing	763362	763362	763362	763362
8	2	Yoke	750224	750224	750224	750224
9	14	Screw	189773	189773	189773	189773
10	14	Lockwasher	189962	189962	189962	189962
11	2	Actuator	750201	750201	750201	750201
	2	Actuator, HP Option	NA	NA	751222	751222
12	□◆○	Packing retainer	751659	751659	751659	751659
13	□◆○	O-ring	755388	755388	755388	755388
14	2	Seal washer	750361	750361	750361	750361
15	1	Vented plug	181256	181256	181256	181256
16	1	Gasket BUNA	298452	298453	298454	298455
	1	Gasket EPDM	290044	290043	290048	290036
	1	Gasket SFY	290022	290030	290040	290049
17	1	Clamp	212195	212196	212196	212198
18	□◆○	Pin	750338	750338	750338	750338
19	□◆○	Packing	755461	755461	755461	755461

NOTE: 2 service kits required per valve.

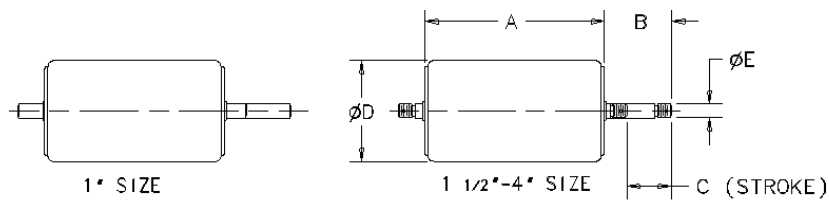
See "Green Top Spares" for indication top spares.

Test Gages: 84-3 Inspection gage for 762-227.

Parts marked with □◆○ are included in the service kits.

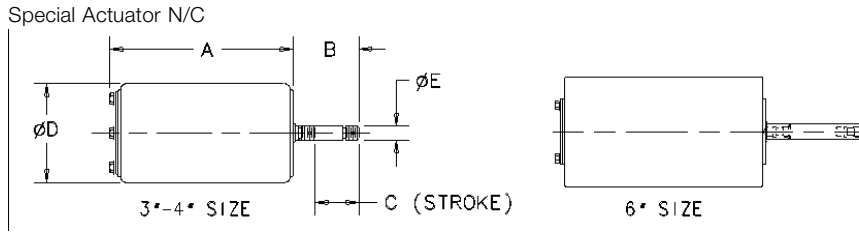
		1 1/2"	2"	2 1/2"	3"
○	Service Kit Buna	9613990327	9613990327	9613990508	9613990330
○	Service Kit EPDM	9613990328	9613990328	9613990509	9613990331
○	Service Kit SFY	9613990329	9613990329	9613990510	9613990332
□	TR Service Kit Buna	9613990106	9613990109	9613990112	9613990115
□	TR Service Kit EPDM	9613990107	9613990110	9613990113	9613990116
□	TR Service Kit SFY	9613990108	9613990111	9613990114	9613990117
◆	TR2 Service Kit Buna	9613990575	9613990578	9613990581	9613990584
◆	TR2 Service Kit EPDM	9613990576	9613990579	9613990582	9613990585
◆	TR2 Service Kit SFY	9613990577	9613990580	9613990583	9613990586

Standard 761 Actuators



Dimensions are approximate and are intended to aid in identification only. For more information, contact Alfa Laval, Inc.

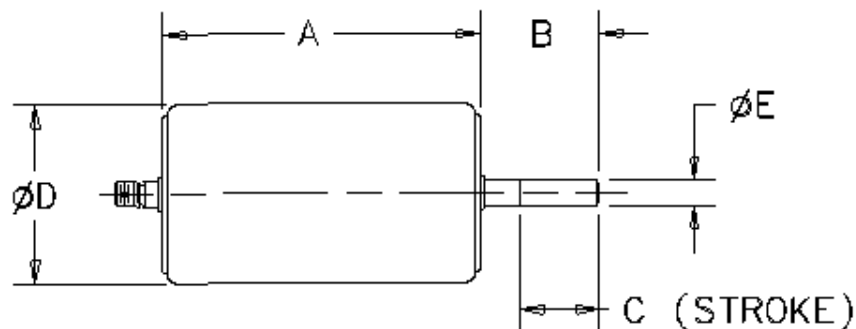
Valve Size (In)	Part Number	Used on	A (In)	B (In)	C (In)	D (In)	E (In)
1½-3	25428S	761/762 S-TO-A LONG	8-1/16	3	2	4.5	0.623
1½-3	25436S	761/762 S-TO-A SHORT	5 11/16	2 3/16	1 3/16	4.5	0.623
1	25436S	761 SPRING-TO-AIR	4 3/8	1 7/16	13/16	4.5	0.623
2-3	25455S	761-90M-20L S-TO-A	8 1/16	4	3	4.5	0.623
2	25457S	761-90M S-TO-A LONG	10	5 1/2	4 1/2	4.5	0.623
1½-3	25465S	761/741-30S A-TO-A	5 11/16	2 3/16	1 3/16	4.5	0.623
1½-3	25466S	761-10M39L A-TO-A	8 1/16	3	2	4.5	0.623
4	25467S	761-10M-20HPL S-TO-A	10	5 1/2	4 1/2	6	0.623
3 and 4	25468S	761-90M-30L A-TO-A	10	5 5/16	4 5/16	4.5	0.623
1	25475S	761 AIR-TO-AIR	4 3/8	1 7/16	13/16	4.5	0.623
3 and 4	25497S	761-10M-20HPL S-TO-A	8 1/16	3	2	6	0.623
3	25500S	MM251-29H	8 1/16	2 1/2	1 3/16	6	0.623
3	25511S	761-41MWW-20L S-TO-A	8 1/16	4 3/16	3	4.5	0.623
4	25517S	761 AIR-TO-AIR	10	5 1/2	4 1/2	6	0.623
3-4	25519S	761 AIR-TO-AIR	8 1/16	3	2	6	0.623
1½-3	25520S	761/762 S-TO-A HP SHORT	8 1/16	2 3/8	1 3/8	6	0.623
NONE	25521S	NOT USED	5 11/16	2 3/16	1 3/16	4.5	0.623
4	25522S	761 A-TO-A XLONG STROKE	10	7 1/4	6 1/4	6	0.623
1½-3	25525S	761/762 S-TO-A HP LONG	8 1/16	3 3/16	2	6	0.623



Dimensions are approximate and are intended to aid in identification only. For more information, contact Alfa Laval, Inc.

Valve Size (In)	Part Number	Used on	A (In)	B (In)	C (In)	D (In)	E (In)
3	25481S	762-101M-20L	8 7/16	3 1/2	2 1/2	4.5	0.623
	25486S	NOT USED	8 11/16	3	2	4.5	0.623
3	25491S	762-101M-20L	8 7/16	3	2	4.5	0.623
4	25523S	762-111M-20L	10 7/16	5 1/2	4 1/2	6	0.623
6	25524S	762-112M-20L	15 3/6	7	5 3/16	8	1.125

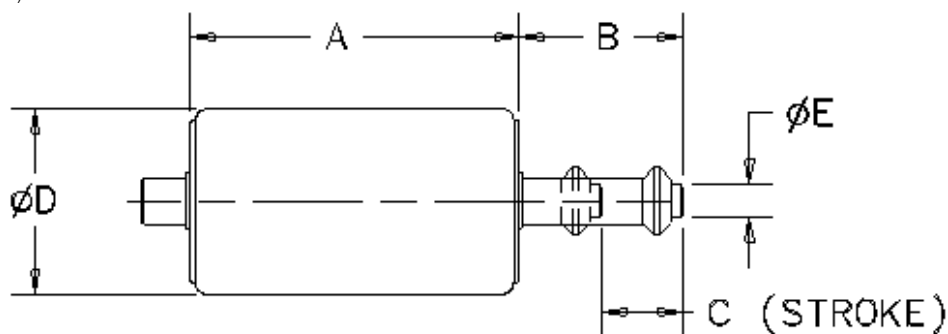
Mixproof Actuators (Upper)



Dimensions are approximate and are intended to aid in identification only. For more information, contact Alfa Laval, Inc.

Valve Size (In)	Part Number	Used on	A (In)	B (In)	C (In)	D (In)	E (In)
2-4	25498S	MM25-29, 20	5 11/16	1 7/16	1 3/16	4.5	0.623
2 1/2 and 3	25507S	MM25-29H29H	8 1/16	1 5/8	1 3/16	6	0.623
4	25508S	MM25-29H29H	8 1/16	2 5/8	2 3/16	6	0.623
4	25513S	MM25-29H29H	9 3/8	2 5/8	2 3/16	6	0.623

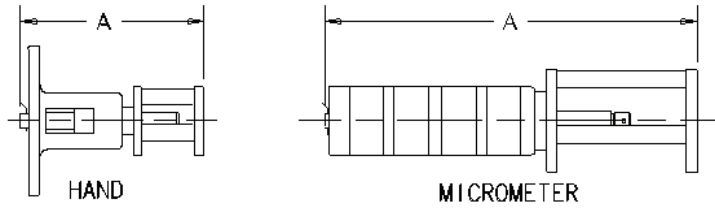
Mixproof Actuators (Lower)



Dimensions are approximate and are intended to aid in identification only. For more information, contact Alfa Laval, Inc.

Valve Size (In)	Part Number	Used on	A (In)	B (In)	C (In)	D (In)	E (In)
4	25498S	MM25-29, 20	10	4	2	6	1.125
2 and 3	25496S	MM25-2919, 2929	5 11/16	3 3/16	1 3/16	4.5	1.125
2 1/2 and 3	25501S	MM25-29H29H	8 1/16	4 1/16	1 3/16	6	1.125
4	25512S	MM25-29H29H	9 3/8	4	2	6	1.125

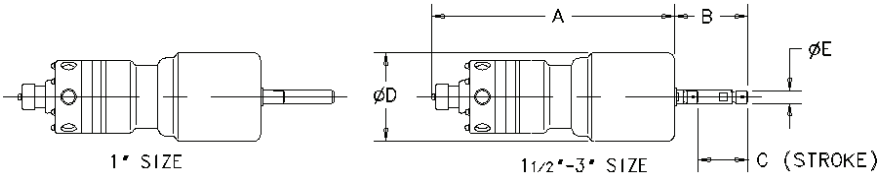
Manual Actuators



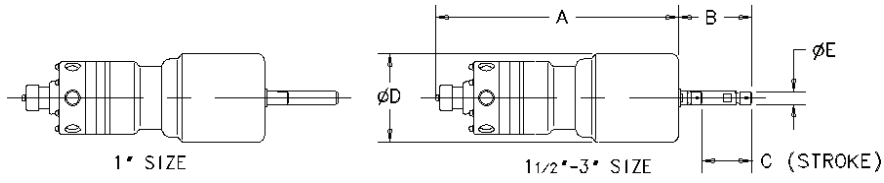
Dimensions are approximate and are intended to aid in identification only. For more information, contact Alfa Laval, Inc.

Valve Size (In)	Part Number	Description	Stroke	A (In)	Used On
4	25488S	MICROMETER HAND ACTUATOR		13 9/16	NOT USED
1 1/2 and 3	25472S	HAND ACTUATOR	1 3/6	6 7/8	761-10M-40SB
1	25473S	HAND ACTUATOR	1	6 7/8	761-10M-40SB
4	25514S	HAND ACTUATOR	4	12 3/8	761-10M-40SB

Throttling Actuators with Positioners



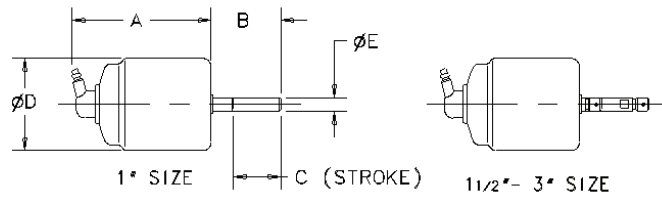
Throttling Actuators with Positioners



Dimensions are approximate and are intended to aid in identification only. For more information, contact Alfa Laval, Inc.

Valve Size (In)	Part Number	Used on	A (In)	B (In)	C (In)	D (In)	E (In)
1 1/2 - 3	25447S	771S-10M-14D	11 3/4	3 1/8 - 5 5/16	2 3/16	4.45	.623
1	25471S	771S-10M-14D	11 3/4	2 1/8 - 5 5/16	2 3/16	4.45	.623
1 1/2 - 3	25479S	771L-10M-14D	11 3/4	3 1/8 - 5 5/16	2 3/16	4.45	.623
2-3	25518S	771S-10M-14R	11 3/4	3 1/8 - 5 5/16	2 3/16	4.45	.623

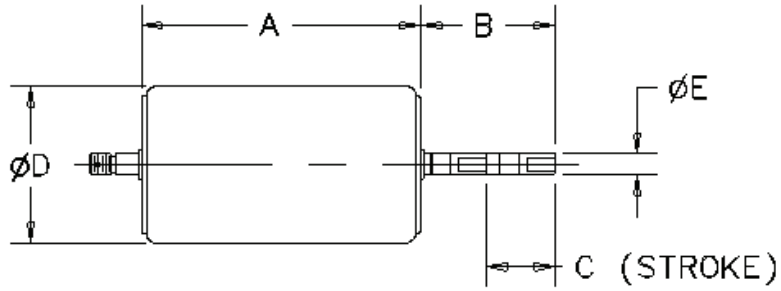
Throttling Actuators with Diaphragms



Dimensions are approximate and are intended to aid in identification only. For more information, contact Alfa Laval, Inc.

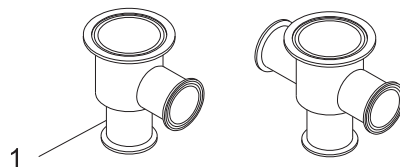
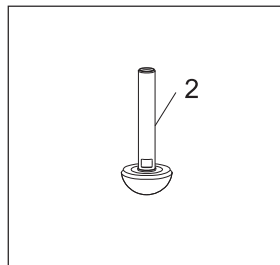
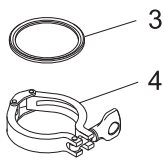
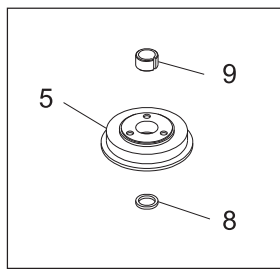
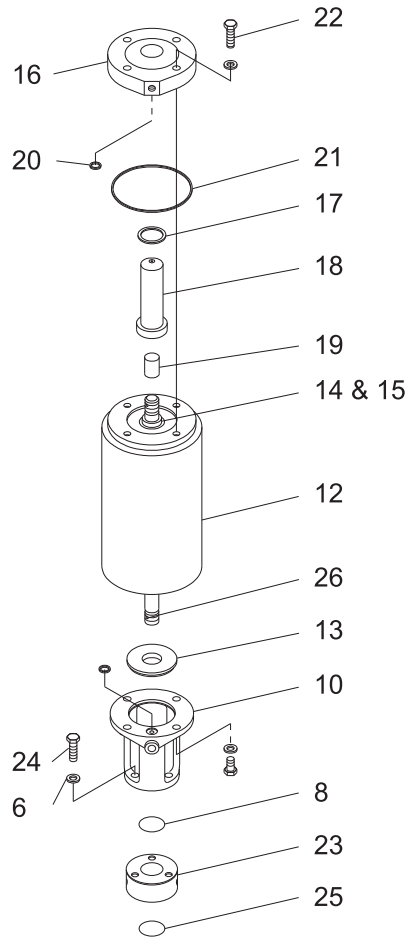
Valve Size (In)	Part Number	Used on	A (In)	B (In)	C (In)	D (In)	E (In)
1 1/2 - 3	25445S	771S-10M-15	6 7/16	1 1/32 - 3 7/32	2 3/16	4.45	.623
1	25456S	771S-10M-15	6 7/16	2 5/32 - 3	2 3/16	4.45	.623

Reverse Acting Flow Diversion Actuators



Dimensions are approximate and are intended to aid in identification only. For more information, contact Alfa Laval, Inc.

Valve Size (In)	Part Number	Used on	A (In)	B (In)	C (In)	D (In)	E (In)
2, 2 1/2	25484S	771S-227MRAL	5 11/16	2 15/16	1 3/16	4.45	.623
4	25506S	771S-227MRAL	8 1/32	3 3/16	2	6	.623
2 1/2H, 3H	25509S	771S-227MRAL HEAVY DUTY	8 1/32	2 3/16	1 3/16	6	.623



Pos	Qty	Denomination	1 1/2"	2"	2 1/2"	3"
1	1	Body, 10 tee type	770106	770107	770111	770116
	1	Body, 30 cross type	770269	770273	770275	770279
2	1	Stem, SFY	773103	9634050985	9634051064	773214
3	□	Body Gasket, SFY	750382	750382	750389	750398
	♦	Body Gasket, EPDM	750383	750383	750390	750400
4	1	Clamp	270266	270266	270267	212211
5	1	Bonnet	750514	750514	751686	751687
6	11	Lockwasher	189962	189962	189962	189962
7	4	Screw	189773	189773	189773	189773
8	□	Stem O ring, SFY	750077	750077	750077	750077
	♦	Stem O ring, EPDM	750132	750132	750132	750132
9	□	Roulon Stem Bushing	761578	761578	761578	761578
10	1	Yoke	750224	750224	750224	750224
11	1	Vent Plug	181256	181256	181256	181256
12	1	Actuator	750318	750318	750318	750318
13	1	Packing Retainer	751659	751659	751659	751659
14	2	Packing	755461	755461	755461	755461
15	2	Packing Retainer	751680	751680	751680	751680
16	1	End Cap	751682	751682	751682	751682
17	1	O ring	755356	755356	755356	755356
18	1	Stem Guard	750583	750583	750583	750583
19	1	Red Caplug	750568	750568	750568	750568
20	□♦	O ring	755388	755388	755388	755388
21	1	O ring	755472	755472	755472	755472
22	4	Screw	189723	189723	189723	189723
23	1	Spacer	751488	751488	751488	751488
24	3	Screw	180472	180472	180472	180472
25	□	O ring, SFY	751496	751496	751496	751496
	♦	O ring, EPDM	9634048098	9634048098	9634048098	9634048098
26	2	Nylon Lock Pin	750338	750338	750338	750338

Parts marked with □♦ are included in the service kits.

		1 1/2"	2"	2 1/2"	3"
□	SFY Service Kits	9613990659	9613990659	9613990660	9613990661
♦	EPDM Service Kits	9613990656	9613990656	9613990657	9613990658

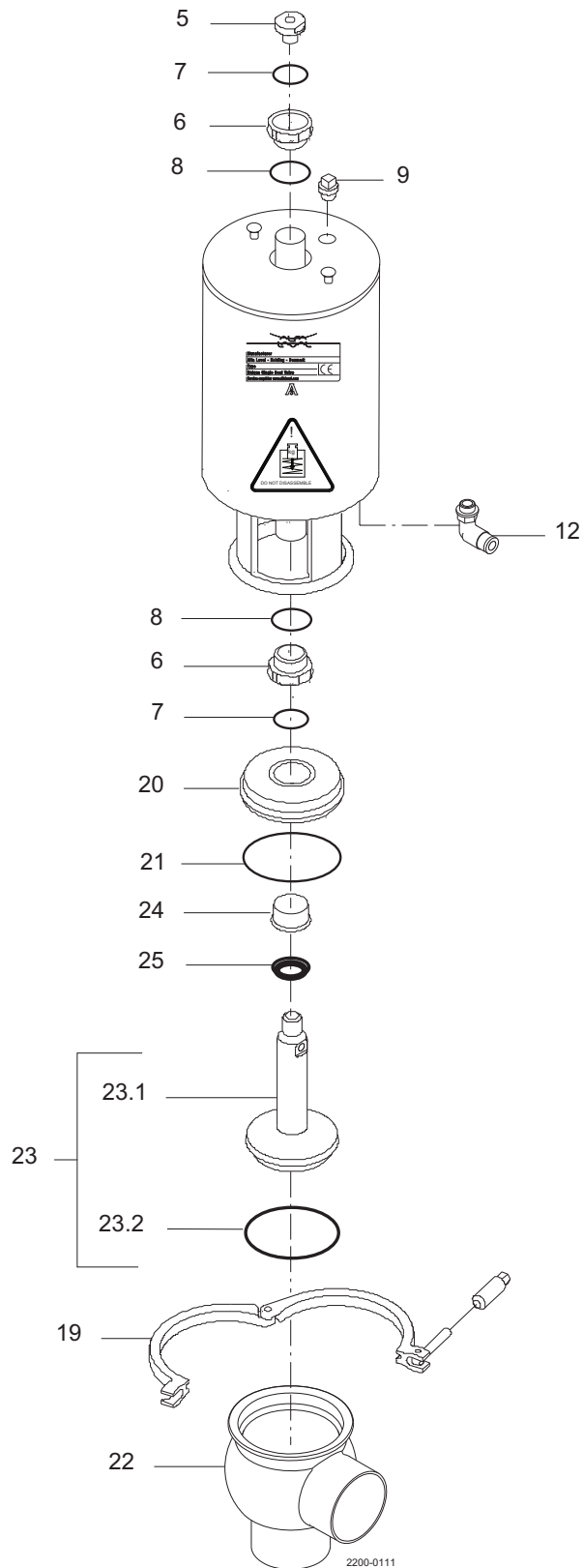
If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



Pos	Qty	Denomination	DN 25 25 mm	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76.1 mm	DN 100 101.6 mm
Actuator								
		Actuator, complete (NO)	9613154801	9613154801	9613154802	9613154803	9613154804	9613154805
		Actuator, complete (NC)	9613154806	9613154806	9613154807	9613154808	9613154809	9613154810
		Actuator, complete (A/A)	9613154811	9613154811	9613154812	9613154813	9613154814	9613154815
5	1	Adapter, plastic (- 0115)						
	1	Adapter, steel (0115 - 0518)						
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701	9615374701
6	□	Bushing						
7	□	O-ring						
8	□	O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611991988	9611991988	9611991988	9611991988	9611991988	9611991988
Clamp								
19	1	Clamp	9612939303	9612939303	9612939304	9612939305	9612939306	9612939307
Bonnet								
20	1	Bonnet	9613127102	9613127102	9613127103	9613127104	9613127105	9613127106
21	♦	O-ring, EPDM (standard)						
	1	O-ring, HNBR						
	1	O-ring, FPM						
		O-ring set, (10 pcs.) EPDM	9614059422	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring set, (10 pcs.) HNBR	9614059423	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring set, (10 pcs.) FPM	9614059424	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
25	♦	Lip seal, EPDM (standard)						
	1	Lip seal, HNBR						
	1	Lip seal, FPM						
		Lip seal set, (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419	9614059419
		Lip seal set, (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420	9614059420
		Lip seal set, (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421	9614059421
Valve body								
22	1	Valve body, lower, 2 ports ISO	9613139501	9613139503	9613139505	9613139507	9613139509	9613139511
	1	Valve body, lower, 3 ports ISO	9613139502	9613139504	9613139506	9613139508	9613139510	9613139512
	1	Valve body, lower, 2 ports DIN	9613139601	9613139603	9613139605	9613139607	9613139609	9613139611
	1	Valve body, lower, 3 ports DIN	9613139602	9613139604	9613139606	9613139608	9613139610	9613139612
Valve Plug								
23	1	Plug, shut-off, ISO, comp., EPDM (std)	9613138801	9613138802	9613138803	9613138804	9613138805	9613138806
	1	Plug, shut-off, ISO, comp., HNBR	9613138813	9613138814	9613138815	9613138816	9613138817	9613138818
	1	Plug, shut-off, ISO, comp., FPM	9613138825	9613138826	9613138827	9613138828	9613138829	9613138830
	1	Plug, shut-off, DIN, comp., EPDM (std)	9613138807	9613138808	9613138809	9613138810	9613138811	9613138812
	1	Plug, shut-off, DIN, comp., HNBR	9613138819	9613138820	9613138821	9613138822	9613138823	9613138824
	1	Plug, shut-off, DIN, comp., FPM	9613138831	9613138832	9613138833	9613138834	9613138835	9613138836
23.1	1	Plug, shut-off, ISO	9613149601	9613139802	9613139803	9613139804	9613139805	9613139806
	1	Plug, shut-off, DIN	9613149602	9613139808	9613139809	9613139810	9613139811	9613139812
23.2	♦	Plug seal, EPDM (standard)						
	1	Plug seal, HNBR						
	1	Plug seal, FPM						
		Plug seat set, (10 pcs.) EPDM	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seat set, (10 pcs.) HNBR	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seat set, (10 pcs.) FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418
Service kits								
□		Service kit, actuator	9611926500	9611926500	9611926500	9611926500	9611926500	9611926500
♦		Service kit, EPDM	9611926501	9611926502	9611926503	9611926504	9611926505	9611926506
♦		Service kit, HNBR	9611926507	9611926508	9611926509	9611926510	9611926511	9611926512
♦		Service kit, FPM	9611926513	9611926514	9611926515	9611926516	9611926517	9611926518

Parts marked with □ are included in the service kits (actuator)

Parts marked with ♦ are included in the service kits (product wetted parts)

Tool for bushing (pos. 24) - item no: 9613160901

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger.

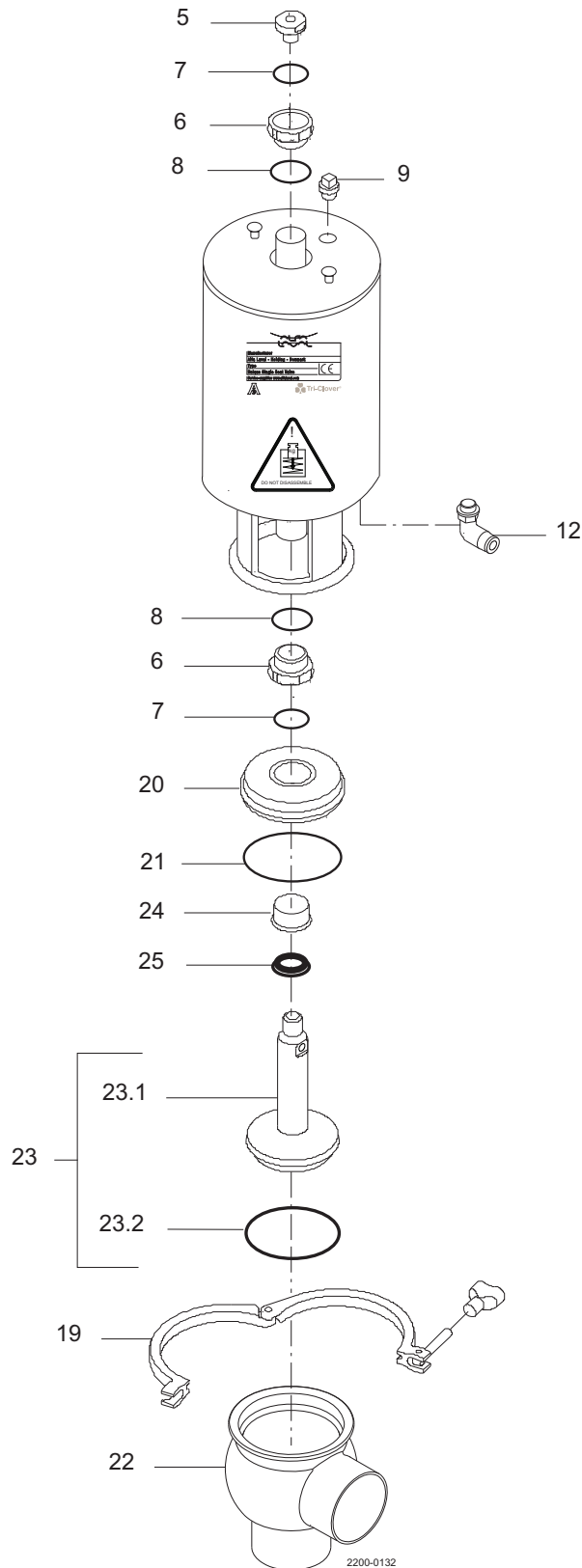


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



Pos	Qty	Denomination	1"	1½"	2"	2½"	3"	4"
Actuator								
		Actuator, complete (NO)	9613154831	9613154831	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (NC)	9613154836	9613154836	9613154837	9613154838	9613154839	9613154840
		Actuator, complete (AA)	9613154841	9613154841	9613154842	9613154843	9613154844	9613154845
5	1	Adapter, steel (0115 ->)	9614065301	9614065301	9614065301	9614065301	9614065301	9614065301
	1	Adapter, plastic (-> 0115)						
6	□	Bushing						
7	□	O-ring						
8	□	O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682	9611994682	9611994682
Clamp								
19	1	Clamp	9612939316	9612939316	9612939317	9612939318	9612939319	9612939320
Bonnet								
20	1	Bonnet	9613127102	9613127102	9613127103	9613127104	9613127105	9613127106
21	◆	O-ring, EPDM (standard)						
	◆	O-ring, HNBR						
	◆	O-ring, FPM						
		O-ring, set (10 pcs.) EPDM	9614059422	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring, set (10 pcs.) HNBR	9614059423	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring, set (10 pcs.) FPM	9614059424	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
25	◆	Lip seal, EPDM (standard)						
	◆	Lip seal, HNBR						
	◆	Lip seal, FPM						
		Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419	9614059419
		Lip seal, set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420	9614059420
		Lip seal, set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421	9614059421
Valve body								
22	1	Valve body, lower, 2 ports, clamp	9613161601	9613161603	9613161605	9613161607	9613161609	9613161611
	1	Valve body, lower, 3 ports, clamp	9613161602	9613161604	9613161606	9613161608	9613161610	9613161612
	1	Valve body, lower, 2 ports, welding ends	9613139513	9613139515	9613139517	9613139519	9613139521	9613139523
	1	Valve body, lower, 3 ports, welding ends	9613139514	9613139516	9613139518	9613139520	9613139522	9613139524
Valve Plug								
23	1	Plug, complete, EPDM (standard)	9613138801	9613138802	9613138803	9613138804	9613138805	9613138806
	1	Plug, complete, HNBR	9613138813	9613138814	9613138815	9613138816	9613138817	9613138818
	1	Plug, complete, FPM	9613138825	9613138826	9613138827	9613138828	9613138829	9613138830
23.1	1	Plug	9613149601	9613149602	9613149603	9613149604	9613149605	9613149606
23.2	◆	Plug seal, EPDM (standard)						
	◆	Plug seal, HNBR						
	◆	Plug seal, FPM						
		Plug seal, set (10 pcs.) EPDM	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal, set (10 pcs.) HNBR	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal, set (10 pcs.) FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418
Service kits								
			1"	1½"	2"	2½"	3"	4"
□		Service kit, actuator	9611926500	9611926500	9611926500	9611926500	9611926500	9611926500
◆		Service kit, EPDM	9611926501	9611926502	9611926503	9611926504	9611926505	9611926506
◆		Service kit, HNBR	9611926507	9611926508	9611926509	9611926510	9611926511	9611926512
◆		Service kit, FPM	9611926513	9611926514	9611926515	9611926516	9611926517	9611926518

Recommended spare parts: Service kits.

Parts marked with □ are included in the service kits (actuator).

Parts marked with ◆ are included in the service kits (product wetted parts).

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Do NOT attempt to disassemble the actuator due to spring under load danger.

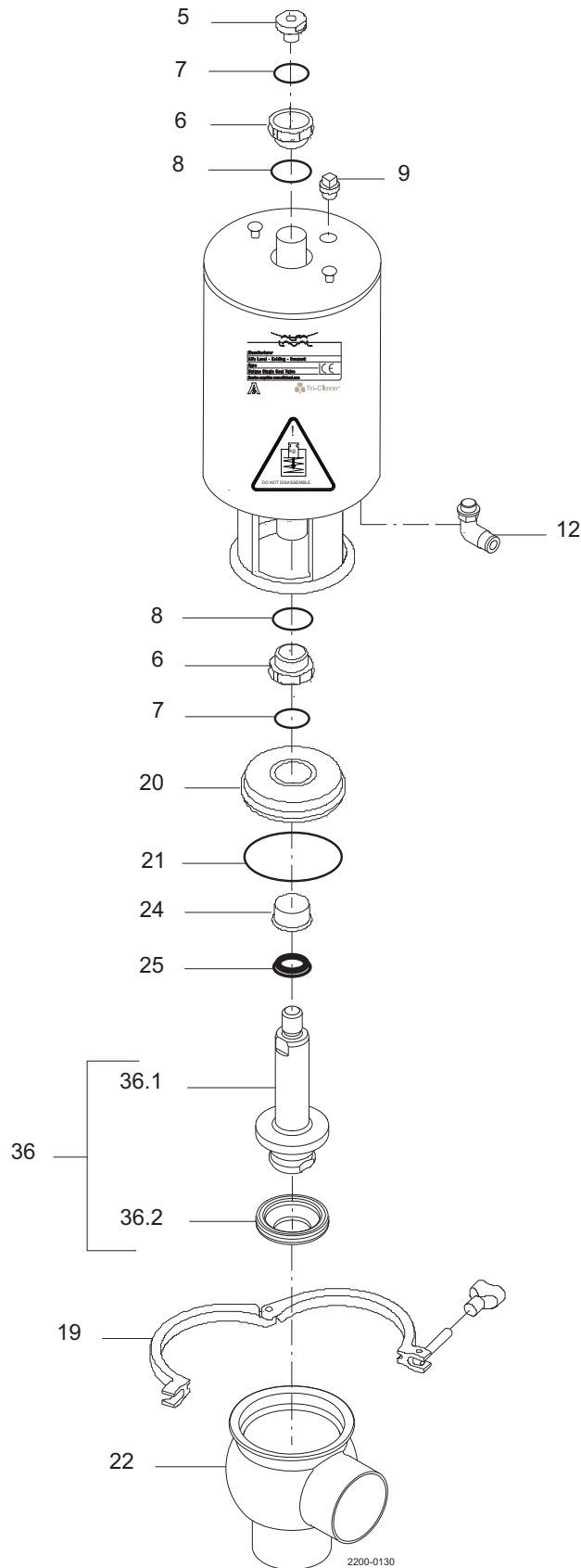


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



Pos	Qty	Denomination	1"	1½"	2"	2½"	3"	4"
Actuator								
		Actuator, complete (NO)	9613154831	9613154831	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (NC)	9613154836	9613154836	9613154837	9613154838	9613154839	9613154840
		Actuator, complete (AA)	9613154841	9613154841	9613154842	9613154843	9613154844	9613154845
5	1	Adapter, plastic (- 0115)						
	1	Adapter, steel (0115 - 0518)						
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701	9615374701
6	□ 2	Bushing						
7	□ 2	O-ring						
8	□ 2	O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682	9611994682	9611994682
Clamp								
19	1	Clamp	9612939316	9612939316	9612939317	9612939318	9612939319	9612939320
Bonnet								
20	1	Bonnet	9613127102	9613127102	9613127103	9613127104	9613127105	9613127106
21	◆ 1	O-ring, EPDM (standard)						
	◆ 1	O-ring, HNBR						
	◆ 1	O-ring, FPM						
		O-ring, set (10 pcs.) EPDM	9614059422	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring, set (10 pcs.) HNBR	9614059423	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring, set (10 pcs.) FPM	9614059424	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
25	◆ 1	Lip seal, EPDM (standard)						
	◆ 1	Lip seal, HNBR						
	◆ 1	Lip seal, FPM						
	1	Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419	9614059419
	1	Lip seal, set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420	9614059420
	1	Lip seal, set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421	9614059421
Valve body								
22	1	Valve body, lower, 2 ports, clamp	9613161601	9613161603	9613161605	9613161607	9613161609	9613161611
	1	Valve body, lower, 3 ports, clamp	9613161602	9613161604	9613161606	9613161608	9613161610	9613161612
	1	Valve body, lower, 2 ports, welding ends	9613139513	9613139515	9613139517	9613139519	9613139521	9613139523
	1	Valve body, lower, 3 ports, welding ends	9613139514	9613139516	9613139518	9613139520	9613139522	9613139524
Valve Plug								
36	1	Plug, complete	9613155801	9613155802	9613155803	9613155804	9613155805	9613155806
36.1	1	Plug	9613147301	9613151101	9613151102	9613151103	9613151104	9613151105
36.2	◆ 1	Plug seal, PTFE						
	1	Plug seal set, (10 pcs.) PTFE	9614059448	9614059449	9614059450	9614059451	9614059452	9614059453
Service kits								
			1"	1½"	2"	2½"	3"	4"
□		Service kit, actuator	9611926500	9611926500	9611926500	9611926500	9611926500	9611926500
◆		Service kit, EPDM	9611926576	9611926561	9611926562	9611926563	9611926564	9611926565
◆		Service kit, HNBR	9611926577	9611926566	9611926567	9611926568	9611926569	9611926570
◆		Service kit, FPM	9611926578	9611926571	9611926572	9611926573	9611926574	9611926575

Recommended spare parts; Service kits.

Parts marked with □ are included in the service kits (actuator).

Parts marked with ◆ are included in the service kits (product wetted parts).

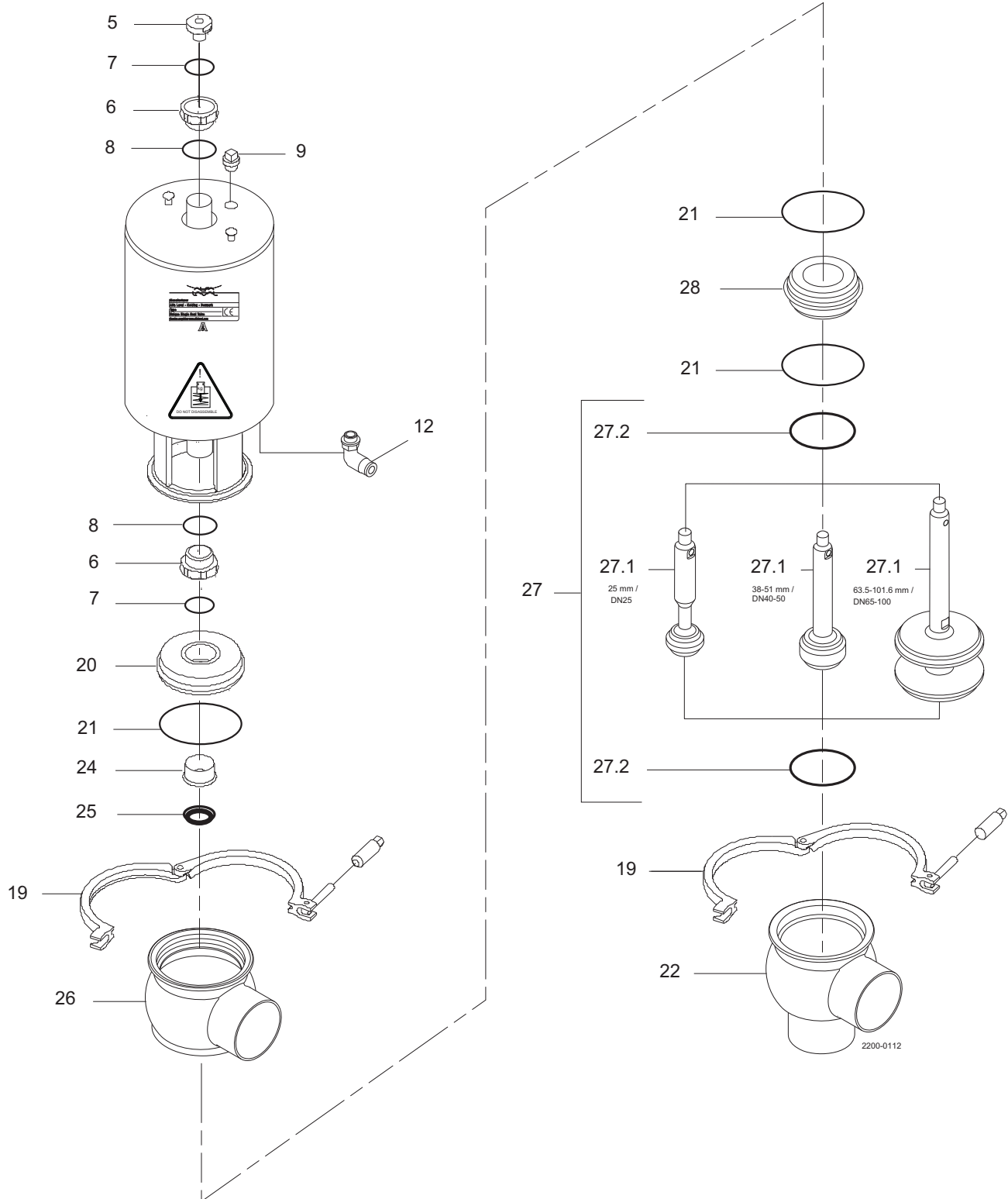
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Do NOT attempt to cut the actuator open, due to spring under load danger!



Pos	Qty	Denomination	DN 25 25 mm	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76.1 mm	DN 100 101.6 mm
Actuator								
		Actuator, complete (NO)	9613154801	9613154801	9613154802	9613154803	9613154804	9613154805
		Actuator, complete (NC)	9613154806	9613154806	9613154807	9613154808	9613154809	9613154810
		Actuator, complete (A/A)	9613154811	9613154811	9613154812	9613154813	9613154814	9613154815
5	1	Adapter, plastic (- 0115)						
	1	Adapter, steel (0115 - 0518)						
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701	9615374701
6	□	Bushing						
7	□	O-ring						
8	□	O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611991988	9611991988	9611991988	9611991988	9611991988	9611991988
Clamp								
19	2	Clamp	9612939303	9612939303	9612939304	9612939305	9612939306	9612939307
Bonnet								
20	1	Bonnet	9613127102	9613127102	9613127103	9613127104	9613127105	9613127106
21	♦	O-ring, EPDM (standard)						
	3	O-ring, HNBR						
	3	O-ring, FPM						
		O-ring set, (10 pcs.) EPDM	9614059422	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring set, (10 pcs.) HNBR	9614059423	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring set, (10 pcs.) FPM	9614059424	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
25	♦	Lip seal, EPDM (standard)						
	1	Lip seal, HNBR						
	1	Lip seal, FPM						
		O-ring set, (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419	9614059419
		O-ring set, (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420	9614059420
		O-ring set, (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421	9614059421
Seat								
28	1	Seat	9613127501	9613127502	9613127503	9613127504	9613127505	9613127506
Valve body								
26	1	Valve body, upper, 1 port ISO	9613139301	9613139303	9613139305	9613139307	9613139309	9613139311
	1	Valve body, upper, 2 ports ISO	9613139302	9613139304	9613139306	9613139308	9613139310	9613139312
	1	Valve body, upper, 1 port DIN	9613139401	9613139403	9613139405	9613139407	9613139409	9613139411
	1	Valve body, upper, 2 ports DIN	9613139402	9613139404	9613139406	9613139408	9613139410	9613139412
22	1	Valve body, lower, 2 ports ISO	9613139501	9613139503	9613139505	9613139507	9613139509	9613139511
	1	Valve body, lower, 3 ports ISO	9613139502	9613139504	9613139506	9613139508	9613139510	9613139512
	1	Valve body, lower, 2 ports DIN	9613139601	9613139603	9613139605	9613139607	9613139609	9613139611
	1	Valve body, lower, 3 ports DIN	9613139602	9613139604	9613139606	9613139608	9613139610	9613139612
Valve plug								
27	1	Plug, change-over, ISO complete, EPDM (standard)	9613127701	9613127702	9613127703	9613127704	9613127705	9613127706
	1	Plug, change-over, ISO complete, HNBR	9613127713	9613127714	9613127715	9613127716	9613127717	9613127718
	1	Plug, change-over, ISO complete, FPM	9613127725	9613127726	9613127727	9613127728	9613127729	9613127730
	1	Plug, change-over, DIN complete, EPDM (std)	9613127707	9613127708	9613127709	9613127710	9613127711	9613127712
	1	Plug, change-over, DIN complete, HNBR	9613127719	9613127720	9613127721	9613127722	9613127723	9613127724
	1	Plug, change-over, DIN complete, FPM	9613127731	9613127732	9613127733	9613127734	9613127735	9613127736
27.1	1	Plug, change-over, ISO	9613149701	9613140002	9613140003	9613140004	9613140005	9613140006
	1	Plug, change-over, DIN	9613149702	9613140008	9613140009	9613140010	9613140011	9613140012
27.2♦	2	Plug seal, EPDM (standard)						
	2	Plug seal, HNBR						
	2	Plug seal, FPM						
		Plug seal set, (10 pcs.) EPDM	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal set, (10 pcs.) HNBR	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal set, (10 pcs.) FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418
Service kits								
□		Service kit, actuator	9611926500	9611926500	9611926500	9611926500	9611926500	9611926500
♦		Service kit, EPDM	9611926579	9611926580	9611926581	9611926582	9611926583	9611926584
♦		Service kit, HNBR	9611926585	9611926586	9611926587	9611926588	9611926589	9611926590
♦		Service kit, FPM	9611926591	9611926592	9611926593	9611926594	9611926595	9611926596

Parts marked with □ are included in the service kits (actuator)

Parts marked with ♦ are included in the service kits (product wetted parts)

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger.

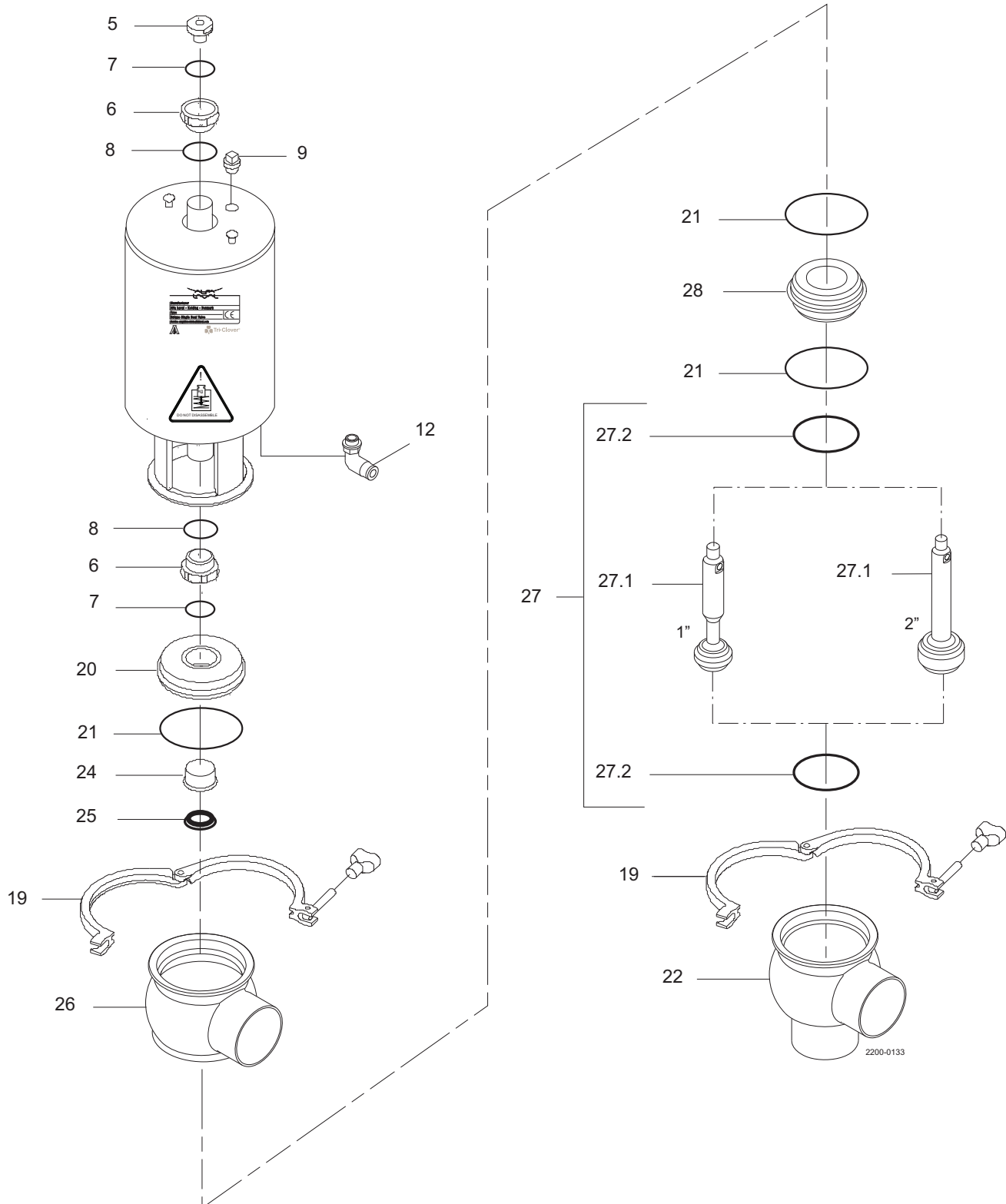


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



Pos	Qty	Denomination	1"	1½"	2"	2½"	3"	4"
Actuator								
		Actuator, complete (NO)	9613154831	9613154831	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (NC)	9613154836	9613154836	9613154837	9613154838	9613154839	9613154840
		Actuator, complete (AA)	9613154841	9613154841	9613154842	9613154843	9613154844	9613154845
5	1	Adapter, steel (2015 =>)	9614065301	9614065301	9614065301	9614065301	9614065301	9614065301
	1	Adapter, plastic (=> 2015						
6	□	2 Bushing						
7	□	2 O-ring						
8	□	2 O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682	9611994682	9611994682
Clamp								
19	2	Clamp	9612939316	9612939316	9612939317	9612939318	9612939319	9612939320
Bonnet								
20	1	Bonnet	9613127102	9613127102	9613127103	9613127104	9613127105	9613127106
21	♦	3 O-ring, EPDM (standard)						
	♦	3 O-ring, HNBR						
	♦	3 O-ring, FPM						
		O-ring, set (10 pcs.) EPDM	9614059422	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring, set (10 pcs.) HNBR	9614059423	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring, set (10 pcs.) FPM	9614059424	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
25	♦	1 Lip seal, EPDM (standard)						
	♦	1 Lip seal, HNBR						
	♦	1 Lip seal, FPM						
	0	Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419	9614059419
	0	Lip seal, set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420	9614059420
	0	Lip seal, set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421	9614059421
Seat								
28	1	Seat	9613127501	9613127502	9613127503	9613127504	9613127505	9613127506
Valve body								
26	1	Valve body, upper, 1 port, clamp	9613161501	9613161503	9613161505	9613161507	9613161509	9613161511
	1	Valve body, upper, 2 ports, clamp	9613161502	9613161504	9613161506	9613161508	9613161510	9613161512
	1	Valve body, upper, 1 port, welding ends	9613139313	9613139315	9613139317	9613139319	9613139321	9613139323
	1	Valve body, upper, 2 ports, welding ends	9613139314	9613139316	9613139318	9613139320	9613139322	9613139324
22	1	Valve body, lower, lower, 2 ports, clamp	9613161601	9613161603	9613161605	9613161607	9613161609	9613161611
	1	Valve body, lower, lower, 3 ports, clamp	9613161602	9613161604	9613161606	9613161608	9613161610	9613161612
	1	Valve body, lower, 2 ports, welding ends	9613139513	9613139515	9613139517	9613139519	9613139521	9613139523
	1	Valve body, lower, 3 ports, welding ends	9613139514	9613139516	9613139518	9613139520	9613139522	9613139524
Valve Plug								
27	1	Plug, ISO complete, EPDM (standard)	9613127701	9613127702	9613127703	9613127704	9613127705	9613127706
	1	Plug, ISO complete, HNBR	9613127713	9613127714	9613127715	9613127716	9613127717	9613127718
	1	Plug, ISO complete, FPM	9613127725	9613127726	9613127727	9613127728	9613127729	9613127730
27.1	1	Plug, ISO	9613149701	9613140002	9613140003	9613140004	9613140005	9613140006
27.2♦	2	Plug seal , EPDM (standard)						
	♦	2 Plug seal, HNBR						
	♦	2 Plug seal, FPM						
		Plug seal, set (10 pcs.) EPDM	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal, set (10 pcs.) HNBR	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal, set (10 pcs.) FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418
			1"	1½"	2"	2½"	3"	4"
□		Service kit, actuator	9611926500	9611926500	9611926500	9611926500	9611926500	9611926500
♦		Service kit, EPDM	9611926579	9611926580	9611926581	9611926582	9611926583	9611926584
♦		Service kit, HNBR	9611926585	9611926586	9611926587	9611926588	9611926589	9611926590
♦		Service kit, FPM	9611926591	9611926592	9611926593	9611926594	9611926595	9611926596

Recommended spare parts; Service kits.

Parts marked with □ are included in the service kits (actuator).

Parts marked with ♦ are included in the service kits (product wetted parts).

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger.

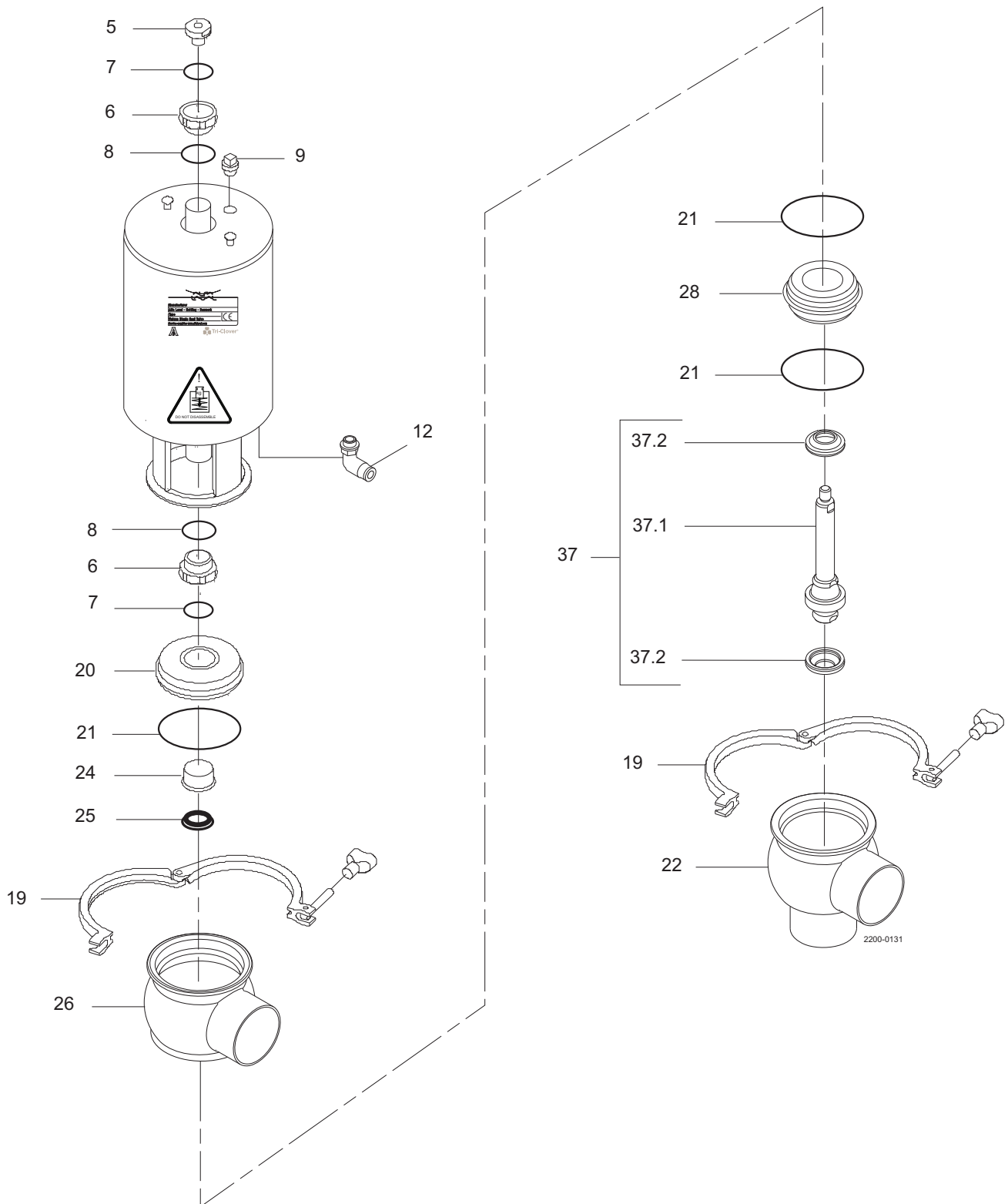


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



Pos	Qty	Denomination	1½"	2"	2½"	3"	4"
Actuator							
		Actuator, complete (NO)	9613154831	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (NC)	9613154836	9613154837	9613154838	9613154839	9613154840
5	1	Adapter, plastic (- 0115)					
	1	Adapter, steel (0115 - 0518)					
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701
6	□	2 Bushing					
7	□	2 O-ring					
8	□	2 O-ring					
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682	9611994682
Clamp							
19	2	Clamp	9612939316	9612939317	9612939318	9612939319	9612939320
Bonnet							
20	1	Bonnet	9613127102	9613127103	9613127104	9613127105	9613127106
21	◆	3 O-ring, EPDM, (standard)					
	◆	3 O-ring, HNBR					
	◆	3 O-ring, FPM					
		O-ring, set (10 pcs.) EPDM	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring, set (10 pcs.) HNBR	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring, set (10 pcs.) FPM,	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
25	◆	1 Lip seal, EPDM (standard)					
	◆	1 Lip seal, HNBR					
	◆	1 Lip seal, FPM					
Seat							
28	1	9613127502	9613127503	9613127504	9613127505	9613127506
Valve body							
26	1	Valve body, upper, 1 port, clamp	9613161503	9613161505	9613161507	9613161509	9613161511
	1	Valve body, upper, 2 ports, clamp	9613161503	9613161506	9613161508	9613161510	9613161512
	1	Valve body, upper, 1 port, welding ends	9613139315	9613139317	9613139319	9613139321	9613139323
	1	Valve body, lower, 2 ports, welding ends	9613139316	9613139318	9613139320	9613139322	9613139324
22	1	Valve body, lower, 2 ports, clamp	9613161603	9613161605	9613161607	9613161609	9613161611
	1	Valve body, lower, 3 ports, clamp	9613161604	9613161606	9613161608	9613161610	9613161612
	1	Valve body, lower, 2 ports, welding ends	9613139515	9613139517	9613139519	9613139521	9613139523
	1	Valve body, lower, 3 ports, welding ends	9613139516	9613139518	9613139520	9613139522	9613139524
Valve Plug							
37	1	Plug, complete	9613155502	9613155503	9613155504	9613155505	9613155506
37.1	1	Plug	9613155401	9613155402	9613155403	9613155404	9613155405
37.2◆	2	Plug seal , PTFE					
	2	Plug seal, set (10 pcs.) PTFE TR-2	9614059449	9614059450	9614059451	9614059452	9614059453
Service kits							
			1½"	2"	2½"	3"	4"
□		Service kit, actuator	9611926500	9611926500	9611926500	9611926500	9611926500
◆		Service Kit, EPDM	9611926633	9611926634	9611926635	9611926636	9611926637
◆		Service kit, HNBR	9611926638	9611926639	9611926640	9611926641	9611926642
◆		Service kit, FPM	9611926643	9611926644	9611926645	9611926646	9611926647

Recommended spare parts; Service kits.

Parts marked with □ are included in the service kits (actuator).

Parts marked with ◆ are included in the service kits (product wetted parts).

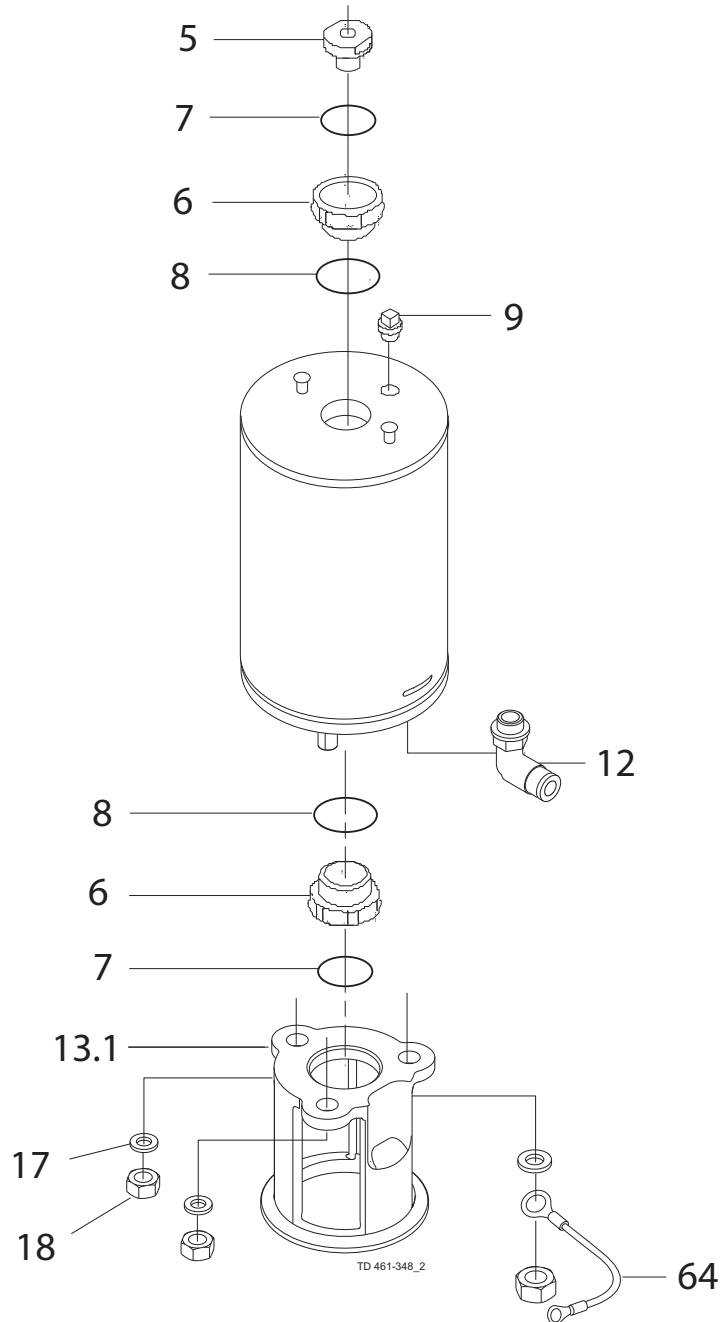
If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



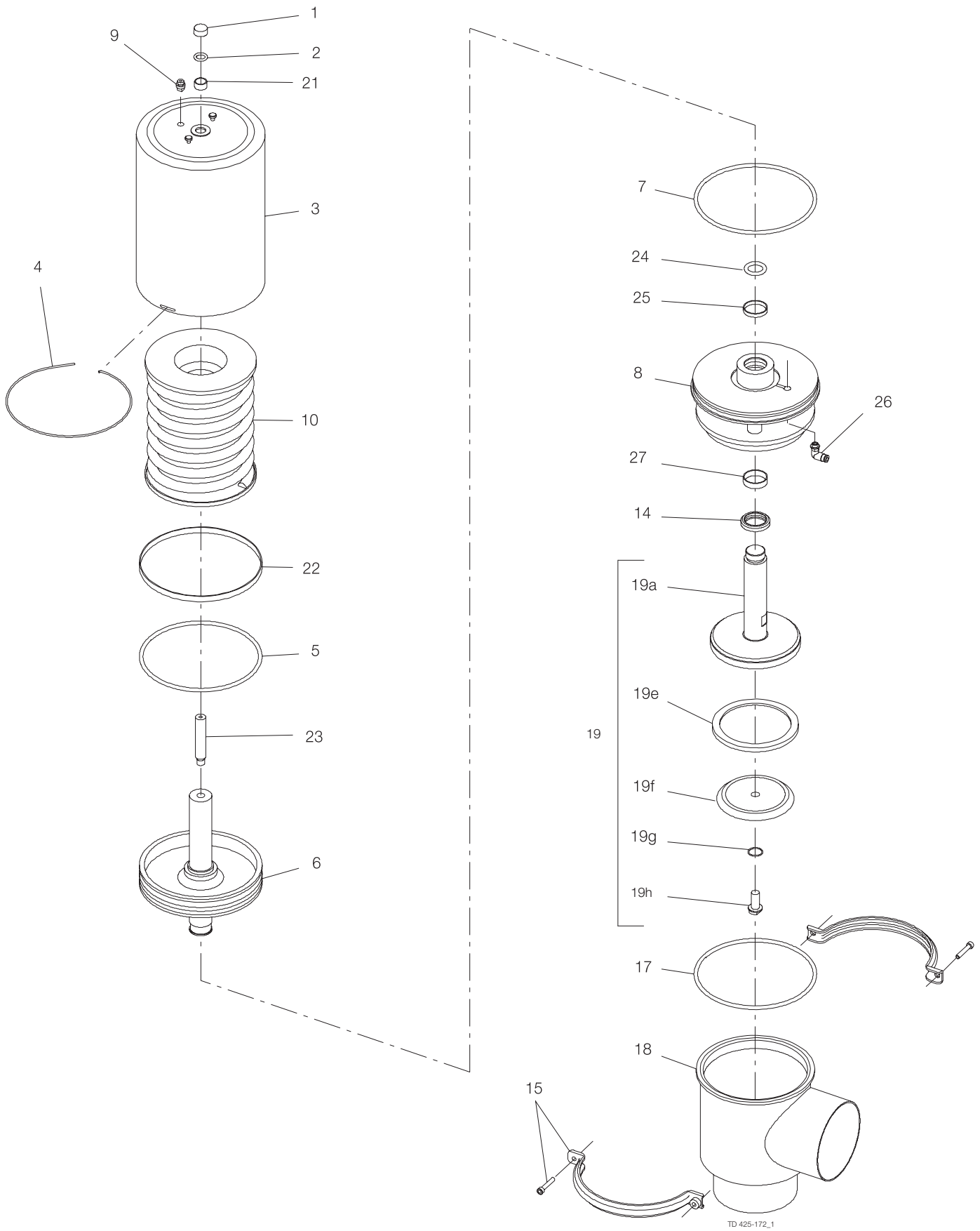
Pos	Qty	Denomination	DN 25	DN 40	DN 50	DN 65	DN 80	DN 100
			25 mm	38 mm	51 mm	63.5 mm	76.1 mm	101.6 mm
Actuator								
		Actuator, complete (NO)						
		Actuator, complete (NC)						
		Actuator, complete (A/A)						
5	1	Adapter, plastic (- 0115)						
	1	Adapter, steel (0115 - 0518)						
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701	9615374701
6	<input type="checkbox"/>	Bushing						
7	<input type="checkbox"/>	O-ring						
8	<input type="checkbox"/>	O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
12	1	Air fitting	9611991988	9611991988	9611991988	9611991988	9611991988	9611991988
13.1	1	Yoke , (outphased)						
15	1	Bottom , (outphased)						
17	3	Washer , (outphased)						
18	3	Nut , (outphased)						
64	1	Ground wire	9613464301	9613464301	9613464301	9613464301	9613464301	9613464301
116	1	Bolt	9611991686	9611991686	9611991686	9611991686	9611991686	9611991686
			DN 25	DN 40	DN 50	DN 65	DN 80	DN 100
			25 mm	38 mm	51 mm	63.5 mm	76.1 mm	101.6 mm

Service kits

<input type="checkbox"/>	Service kit, actuator	9611926500	9611926500	9611926500	9611926500	9611926500	9611926500
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Parts marked with are included in the service kits (actuator)

Tool for bushing (pos. 24) - item no: 9613160901

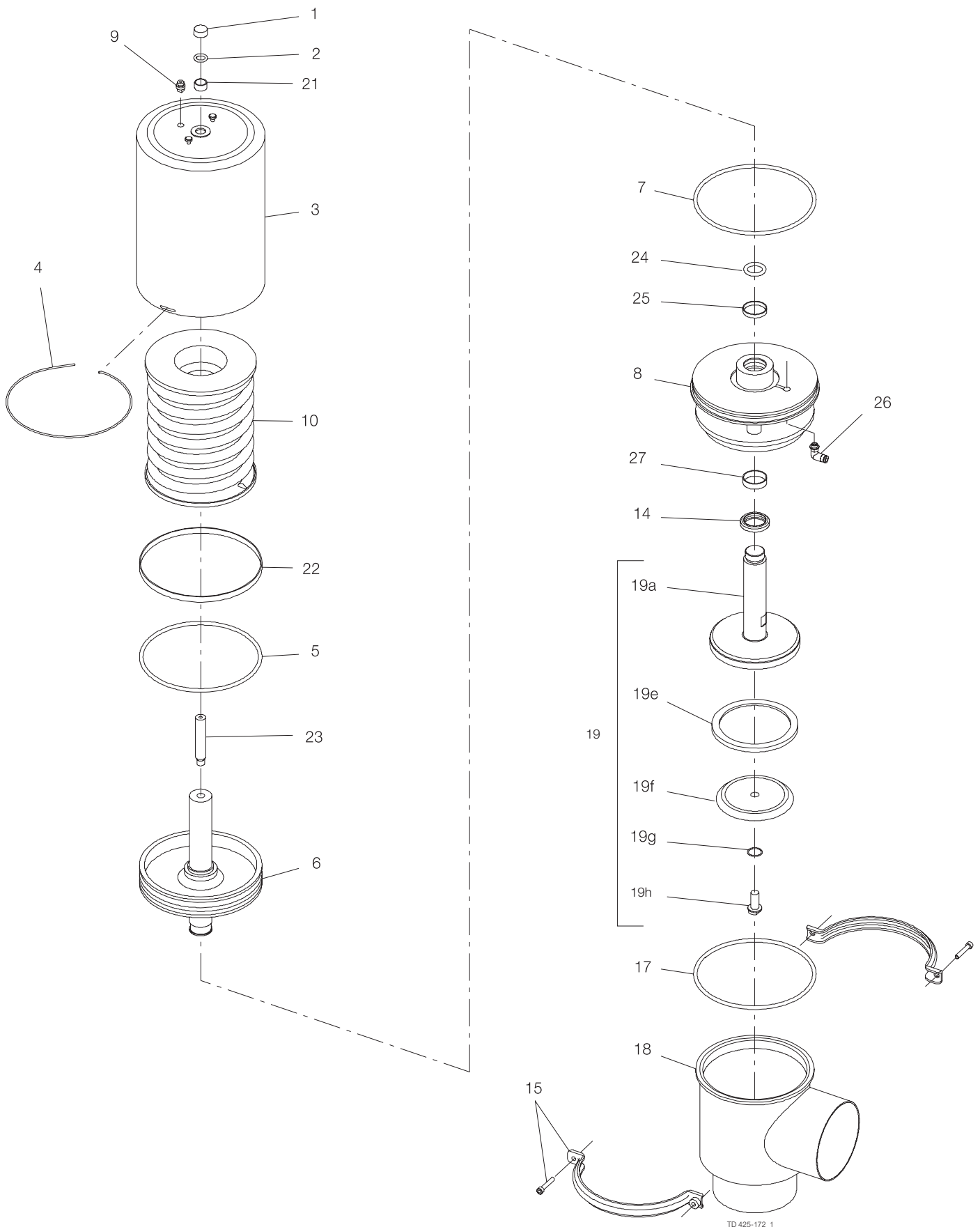


TD 425-172_1

Pos	Qty	Denomination	NC	NO
1	1	Actuator, complete	9612465701	9612465702
2	□	Cap	9611993060	9611993060
3	1	O-ring		
4	□	Cylinder	9612465501	9612465501
5	□	Lock wire		
6	□	O-ring		
7	□	Piston		
8	□	O-ring	9611992892	9611992892
9	1	Bonnet	9612508001	9612508001
10	1	Plug		
21	□	Spring packet	9612441301	9612441301
22	□	Guide ring		
23	□	Guide ring		
24	□	Top pin	9612440801	9612440801
25	□	O-ring		
26	□	Guide ring		
27	□	Air fitting		
	□	Guide ring		

Valve body part

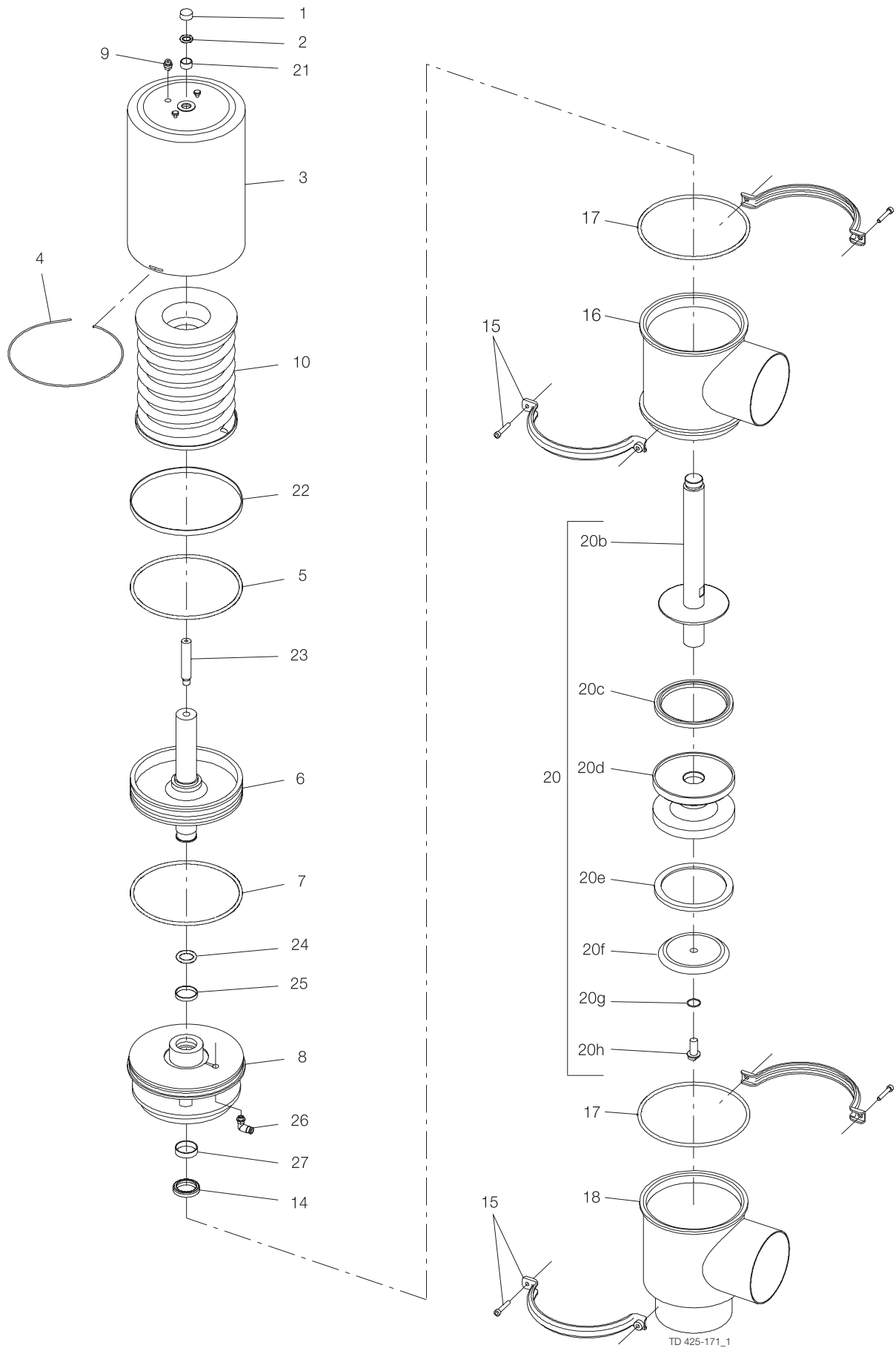
Pos	Qty	Denomination	DN 125	DN 150
14	♦	1 Lip seal, EPDM (standard)		
		1 Lip seal, NBR		
		1 Lip seal, FPM		
Clamp				
15	1	Clamp complete	9611311058	9611311058
Valve body				
17	♦	1 Seal ring, EPDM (standard)	9611992937	9611992937
		1 Seal ring, NBR	9611992938	9611992938
		1 Seal ring, FPM	9611992939	9611992939
18	1	Valve body, 2 ports DIN	9612440501	9612440601
	1	Valve body, 3 ports DIN	9612440502	9612440602
Valve plug				
19	1	Plug, single, complete EPDM (standard)	9612438001	9612438004
	1	Plug, single, complete NBR	9612438002	9612438005
	1	Plug, single, complete FPM	9612438003	9612438006
19a	1	Stem	9612438301	9612438302
19e	♦	1 Plug seal, EPDM (standard)		
	1	Plug seal, NBR		
	1	Plug seal, FPM		
19f	1	Washer	9612438401	9612438401
19g	♦	1 O-ring, EPDM (standard)		
	1	O-ring, NBR		
	1	O-ring, FPM		
19h	1	Screw	9612438701	9612438701



TD 425-172_1

Pos	Qty	Denomination	DN 125	DN 150
Valve body - surface roughness, product wetted parts: Ra < 0.8 µm				
18	1	Valve body, 2 ports DIN	9612440503	9612440603
	1	Valve body, 3 ports DIN	9612440504	9612440604
Valve plug - surface roughness, product wetted parts: Ra < 0.8 µm				
19	1	Plug, single, complete EPDM (standard)	9612438007	9612438010
	1	Plug, single, complete NBR	9612438008	9612438011
	1	Plug, single, complete FPM	9612438009	9612438012
19a	1	Stem	3135310076	3135310077
19f	1	Washer	9612438402	9612438402
19h	1	Screw	9612438702	9612438702
			NC	NO
Service kit for actuator				
□		Service kit EPDM	9611920296	9611920296
			DN 125	DN 150
Service kit for product wetted parts, standard				
♦		Service kit EPDM	9611920355	9611920355
♦		Service kit NBR	9611920356	9611920356
♦		Service kit FPM	9611920357	9611920357

Parts marked with □♦ are included in the service kits
 Recommended spare parts: service kits.



Actuator

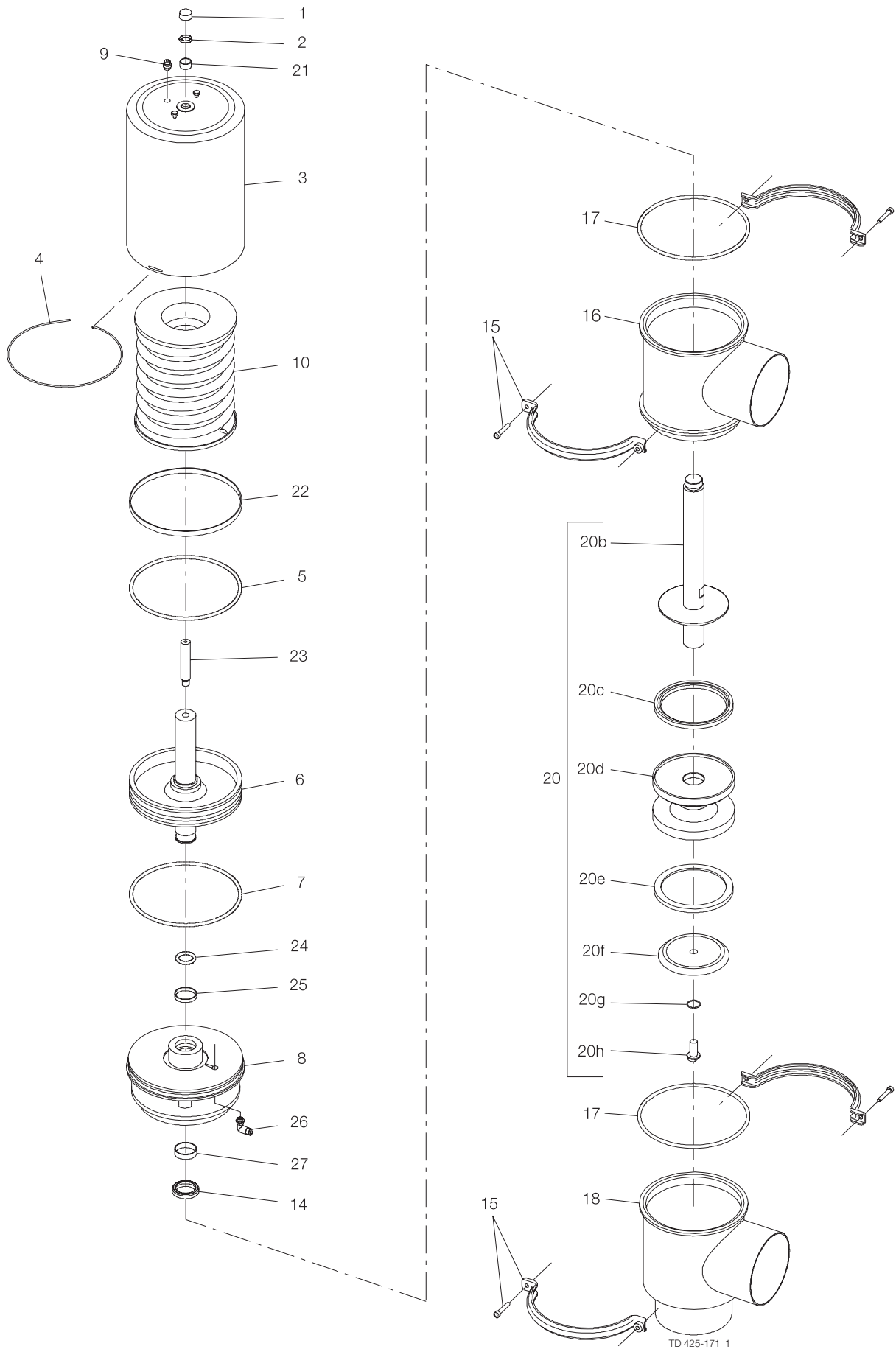
Pos	Qty	Denomination	NC	NO
		Actuator, complete	9612465701	9612465702
1	1	Cap	9611993060	9611993060
2	□	O-ring		
3	1	Cylinder	9612465501	9612465501
4	□	Lock wire		
5	□	O-ring		
6	1	Piston	9612441101	9612441102
7	□	O-ring		
8	1	Bonnet	9612508001	9612508001
9	1	Plug		
10	1	Spring packet	9612441301	9612441301
21	□	Guide ring		
22	□	Guide ring		
23	1	Top pin	9612440801	9612440801
24	□	O-ring		
25	□	Guide ring		
26	1	Air fitting	9611991988	9611991988
27	□	Guide ring		

Valve body part

Pos	Qty	Denomination	DN 125	DN 150
14	♦	Lip seal, EPDM (standard)		
	1	Lip seal, NBR		
	1	Lip seal, FPM		
Clamp				
15	2	Clamp complete	9611311058	9611311058
Valve body				
16	1	Valve body, upper, 1 port DIN	9612457801	9612457901
	1	Valve body, upper, 2 ports DIN	9612457802	9612457902
17	♦	Seal ring, EPDM (standard)	9611992937	9611992937
	2	Seal ring, NBR	9611992938	9611992938
	2	Seal ring, FPM	9611992939	9611992939
18	1	Valve body, lower, 2 ports DIN	9612440501	9612440601
	1	Valve body, lower, 3 ports DIN	9612440502	9612440602

Valve plug

Pos	Qty	Denomination	DN 125	DN 150
20	1	Plug, double,complete, EPDM (standard)	9612456601	9612456604
	1	Plug, double,complete, NBR	9612456602	9612456605
	1	Plug, double,complete, FPM	9612456603	9612456606
20b	1	Stem	9612456501	9612456502
20c	♦	Plug seal, EPDM (standard)		
	1	Plug seal, NBR		
	1	Plug seal, FPM		
20d	1	Middle piece	9612456301	9612456302
20e	♦	Plug seal, EPDM (standard)		
	1	Plug seal, NBR		
	1	Plug seal, FPM		
20f	1	Washer	9612438401	9612438401
20g	♦	O-ring, EPDM (standard)		
	1	O-ring, NBR		
	1	O-ring, FPM		
20h	1	Screw	9612438701	9612438701



Surface roughness, product wetted parts: Ra ≤ 0.8 µm

Pos	Qty	Denomination	DN 125	DN 150
Valve body				
16	1	Valve body, upper, 1 port DIN	9612457803	9612457903
	1	Valve body, upper, 2 ports DIN	9612457804	9612457904
18	1	Valve body, lower, 2 ports DIN	9612440503	9612440603
	1	Valve body, lower, 3 ports DIN	9612440504	9612440604
Valve plug				
20	1	Plug, double,complete, EPDM (standard)	9612456607	9612456610
	1	Plug, double,complete, NBR	9612456608	9612456611
	1	Plug, double,complete, FPM	9612456609	9612456612
20b	1	Stem	3135310086	3135310087
20d	1	Middle piece	9612456303	9612456304
20f	1	Washer	9612438402	9612438402
20h	1	Screw	9612438702	9612438702
			NC	NO

Service kit for actuator

□		Service kit EPDM	9611920296	9611920296
			DN 125	DN 150

Service kit for product wetted parts

♦		Service kit EPDM	9611920358	9611920358
♦		Service kit NBR	9611920359	9611920359
♦		Service kit FPM	9611920360	9611920360

Parts marked with □♦ are included in the service kits.

Recommended spare parts: service kits.

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger.

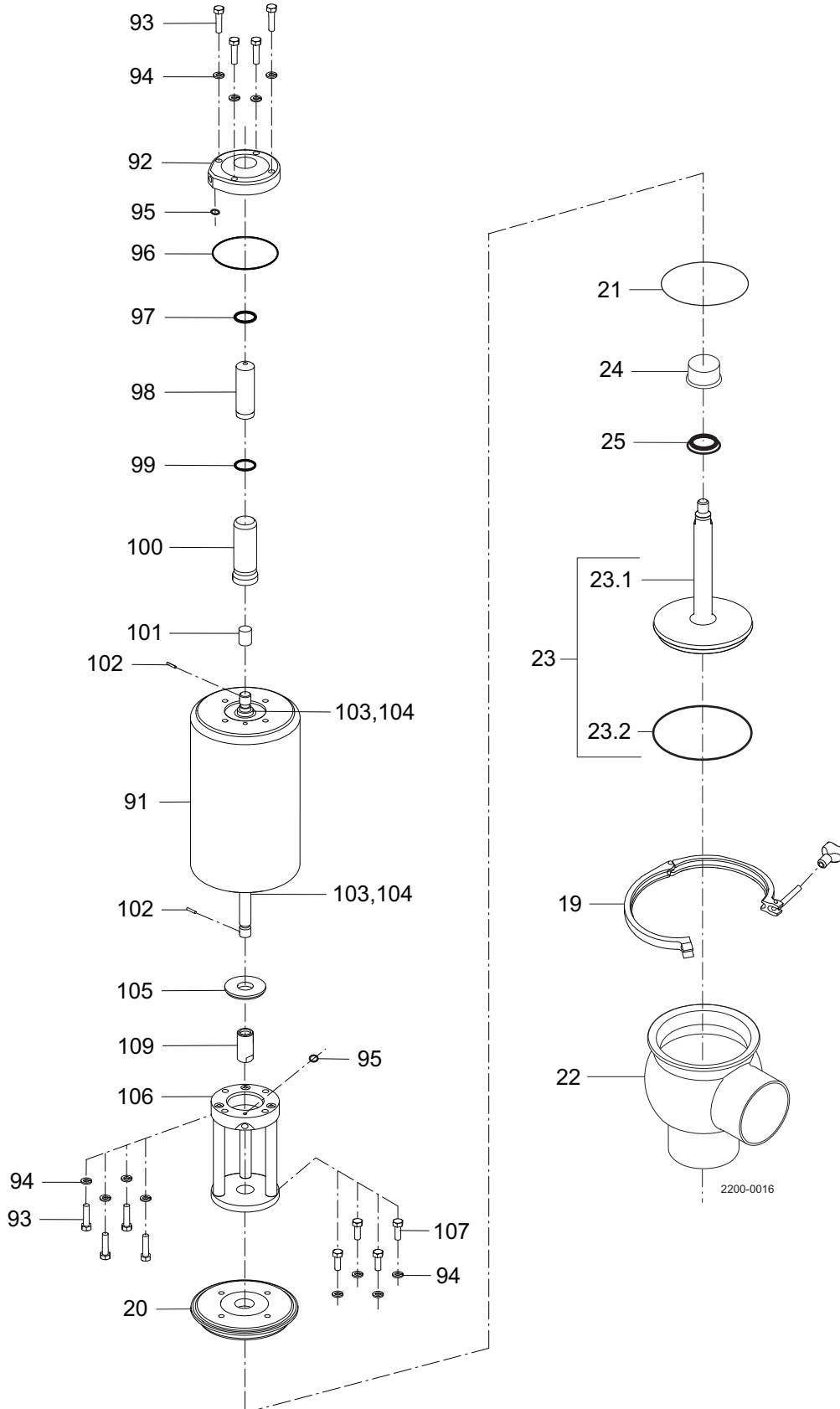


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



Pos	Qty	Denomination	4"
		Actuator, cpl., (NC and NO)	9634087504
92	1	End cap	751010
93	8	Screw	189723
94	12	Lock washer	189962
95	□	O-ring	755388
96	□	O-ring	755472
97	□	O-ring	755356
98	1	Stem protector	751035
99	1	Stem protector, o-ring	750330
100	1	Stem protector, spacer	751019
101	1	Red cap	750568
102	□	Nylon lock pin	750338
103	□	Seal retainer	751680
104	□	Packing, o-ring	751232
105	1	Retainer, packing	751659
106	1	Yoke	751901
107	4	Screw	189798
108	1	Vent plug (not shown)	181256
109	1	Coupler, stem	9634090101

Clamp

19	1	Clamp	9612939320
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Bonnet

20	1	Bonnet	9634090001
21	◆	O-ring, EPDM (standard)	
	◆	O-ring, HNBR	
	◆	O-ring, FPM	
	1	O-ring, set (10 pcs.), EPDM	9614059434
	1	O-ring, set (10 pcs.), HNBR	9614059435
	1	O-ring, set (10 pcs.), FPM	9614059436
24	1	Bushing	9613125002
25	◆	Lip seal, EPDM (standard)	
	◆	Lip seal, HNBR	
	◆	Lip seal, FPM	
	1	Lip seal, set (10 pcs.), EPDM	9614059419
	1	Lip seal, set (10 pcs.), HNBR	9614059420
	1	Lip seal, set (10 pcs.), FPM	9614059421

Valve Body

22	1	Valve body, lower, 2 ports, clamp	9613161611
	1	Valve body, lower, 3 ports, clamp	9613161612
	1	Valve body, lower, 2 ports, welding ends	9313139523
	1	Valve body, lower, 3 ports, welding ends	9613139524

Valve Plug

23	1	Plug, shut off, complete, EPDM (standard)	9614206601
	1	Plug, shut off, complete, HNBR	9614206603
	1	Plug, shut off, complete, FPM	9614206605
23.1	1	Plug, shut off	9634090301
23.2	◆	Plug seal, EPDM (standard)	
	◆	Plug seal, HNBR	
	◆	Plug seal, FPM	
	1	Plug seal, set (10 pcs.), EPDM	9614059416
	1	Plug seal, set (10 pcs.), HNBR	9614059417
	1	Plug seal, set (10 pcs.), FPM	9614059418

Service kits

			4"
□		Service kit, actuator	9611926957
◆		Service kit, EPDM	9611926506
◆		Service kit, HNBR	9611926512
◆		Service kit, FPM	9611926518

Recommended spare parts: Service kits.

Parts marked with □◆ are included in the service kits

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger.

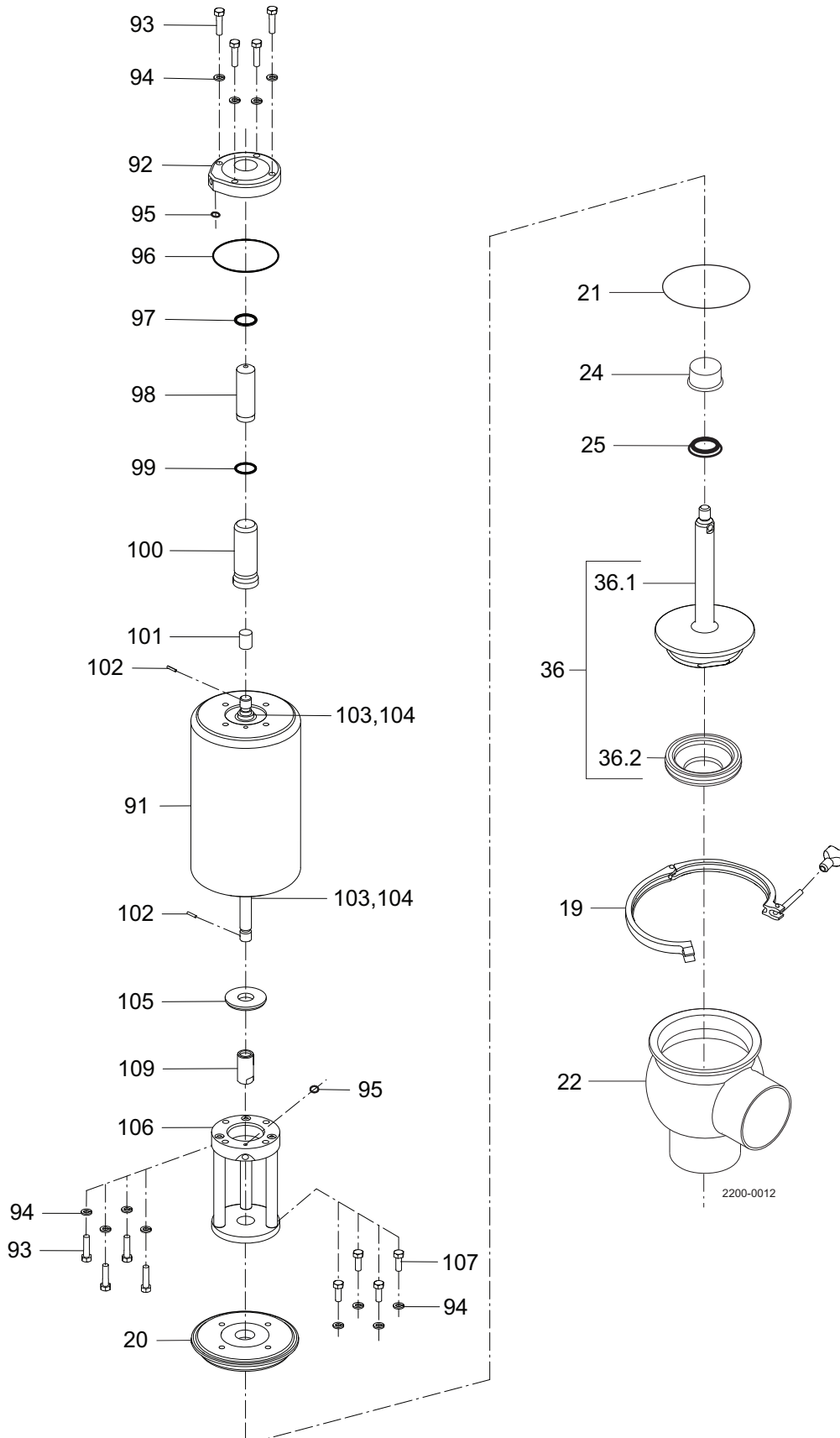


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



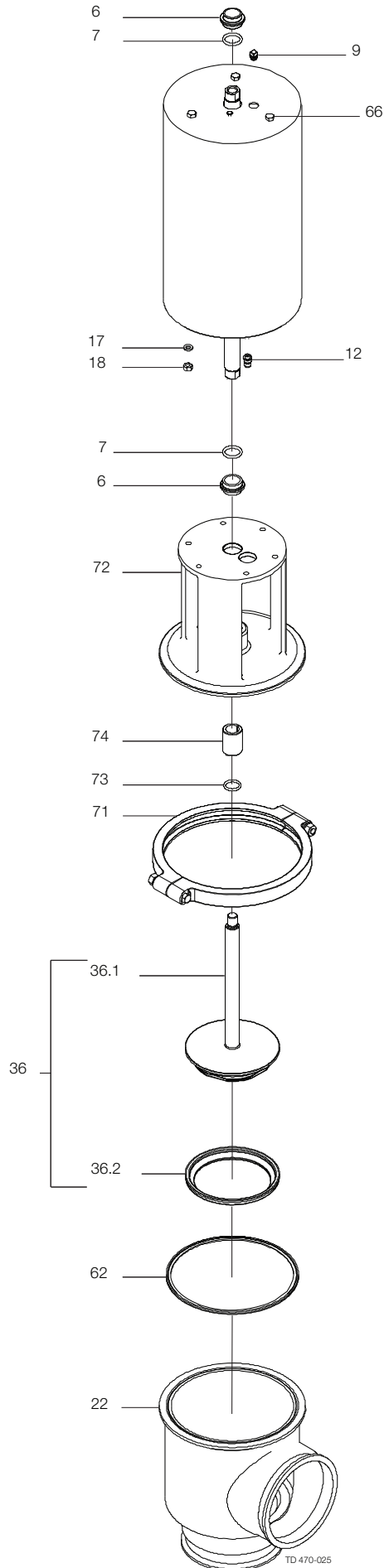
Pos	Qty	Denomination	4"
		Actuator, complete (NC & NO)	9634087504
92	1	End cap	751010
93	8	Screw	189723
94	12	Lock washer	189962
95	□	O-ring	755388
96	□	O-ring	755472
97	□	O-ring	755356
98	1	Stem protector	751035
99	1	Stem protector, o-ring	750330
100	1	Stem protector, spacer	751019
101	1	Red cap	750568
102	□	Nylon lock pin	750338
103	□	Seal retainer	751680
104	□	Packing, o-ring	751232
105	1	Retainer, packing	751659
106	1	Yoke	751901
107	4	Screw	189798
108	1	Vent plug (not shown)	181256
109	1	Coupler, stem	9634090101
Clamp			
19	1	Clamp	9612939320
Bonnet			
20	1	Bonnet	9634090001
21	◆	O-ring, EPDM (standard)	
	◆	O-ring, HNBR	
	◆	O-ring, FPM	
	1	O-ring, set (10 pcs.), EPDM	9614059434
	1	O-ring, set (10 pcs.), HNBR	9614059435
	1	O-ring, set (10 pcs.), FPM	9614059436
24	1	Bushing	9613125002
25	◆	Lip seal, EPDM (standard)	
	◆	Lip seal, HNBR	
	◆	Lip seal, FPM	
	1	Lip seal, set (10 pcs.), EPDM	9614059419
	1	Lip seal, set (10 pcs.), HNBR	9614059420
	1	Lip seal, set (10 pcs.), FPM	9614059421
Valve Body			
22	1	Valve body, lower, 2 ports, clamp	9613161611
	1	Valve body, lower, 3 ports, clamp	9613161612
	1	Valve body, lower, 2 ports, welding ends	9613139523
	1	Valve body, lower, 3 ports, welding ends	9613139524
Valve Plug			
36	1	Plug, shut off, complete	9614206701
36.1	1	Plug, shut off	9634090201
36.2	◆	Plug seal, PTFE	
	1	Plug seal, set (10 pcs.), PTFE	9614059453
Service kits			

4"

□	Service kit, actuator	9611926957
◆	Service kit, EPDM	9611926565
◆	Service kit, HNBR	9611926570
◆	Service kit, FPM	9611926575

Recommended spare parts: Service kits

Parts marked with □◆ are included in the service kits

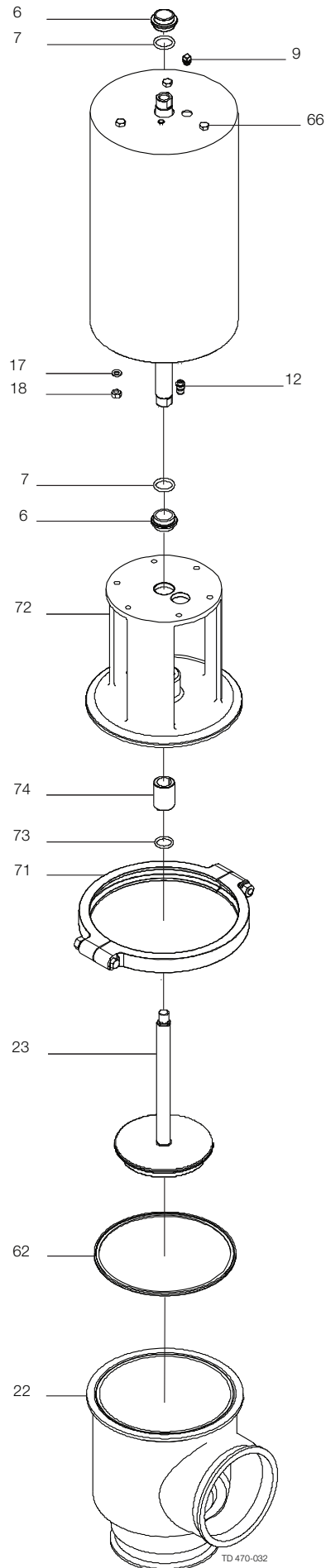


Pos	Qty	Denomination	6"
		Actuator, complete (NO)	9613463610
		Actuator, complete (NC)	9613463612
6	2	Bushing	9613462901
7	2	O-ring	9611994898
9	1	Plug	96134141-01
12	1	Air fitting	9634081459
66	3	Screw	9611991686
Yoke			
72	1	Yoke	9613463201
17	6	Washer	9611991888
18	6	Nut	9611990360
69	6	Pin bolt	9611993618
73	□	O-ring, EPDM	751956
	□	O-ring, SFY	751957
	□	O-ring, Buna	755452
74	1	Bushing	762507
Clamp			
71	1	Clamp	752068
62	1	Gasket, Buna	9634055798
	1	Gasket, EPDM	752055
Valve Body			
22	1	Valve body, 2 ports, clamp	9634052061
	1	Valve body, 3 ports, clamp	9634052202
	1	Valve body, 3 ports, clamp, inlet port weld	9634053181
	1	Valve body, 3 ports, clamp, 1 port and inlet port weld	9634052522
	1	Valve body, 2 ports, weld	9634052520
	1	Valve body, 3 ports, weld	9634052521
Valve body Tangential			
	1	Valve body, right, 2 ports, clamp	9634052220
	1	Valve body, left, 2 ports, clamp	9634052219
	1	Valve body, 3 ports, clamp	9634052217
	1	Valve body, 3 ports, clamp, right port and inlet port weld	9634052951
	1	Valve body, right, 2 ports, weld	773022
	1	Valve body, left, 2 ports, weld	773019
	1	Valve body, 3 ports, weld	773018
Valve plug			
36	1	Plug TR2, complete	9613463701
36.1	1	Plug TR2,	9613463801
36.2□	1	Plug seal TR2, PTFE	9634054811

6"

Service kit, EPDM	□	9611926839
Service kit, SFY/EPDM	□	9611926840
Service kit, Buna	□	9611926841

Parts marked with □ are included in the service kits (product wetted parts)



TD 470-032

Pos	Qty	Denomination	6"
		Actuator, complete (NO)	9613463610
		Actuator, complete (NC)	9613463612
6	2	Bushing	9613462901
7	2	O-ring	9611994898
9	1	Plug	96134141-01
12	1	Air fitting	9634081459
66	3	Screw	9611991686
Yoke			
72	1	Yoke	9613463201
17	6	Washer	9611991888
18	6	Nut	9611990360
69	6	Pin bolt	9611993618
73	<input type="checkbox"/>	O-ring, EPDM	751956
	<input type="checkbox"/>	O-ring, SFY	751957
	<input type="checkbox"/>	O-ring, Buna	755452
74	1	Bushing	762507
Clamp			
71	1	Clamp	752068
62	<input type="checkbox"/>	Gasket, Buna	9634055798
	<input type="checkbox"/>	Gasket, EPDM	752055
Valve body			
22	1	Valve body, 2 ports, clamp	9634052061
	1	Valve body, 3 ports, clamp	9634052202
	1	Valve body, 3 ports, clamp, inlet port weld	9634053181
	1	Valve body, 3 ports, clamp, 1 port and inlet port weld	9634052522
	1	Valve body, 2 ports, weld	9634052520
	1	Valve body, 3 ports, weld	9634052521
Valve body Tangential			
	1	Valve body, right, 2 ports, clamp	9634052220
	1	Valve body, left, 2 ports, clamp	9634052219
	1	Valve body, 3 ports, clamp	9634052217
	1	Valve body, 3 ports, clamp, right port and inlet port weld	9634052951
	1	Valve body, right, 2 ports, weld	773022
	1	Valve body, left, 2 ports, weld	773019
	1	Valve body, 3 ports, weld	773018
Valve Plug			
23	1	LP Plug, complete, EPDM	9613464001
	1	LP Plug, complete, SFY	9613464002
	1	LP Plug, complete, Buna	9613464003
6"			
		Service kit, EPDM	<input type="checkbox"/> 9611926842
		Service kit, SFY/EPDM	<input type="checkbox"/> 9611926843
		Service kit, Buna	<input type="checkbox"/> 9611926844

Parts marked with are included in the service kits (product wetted parts)

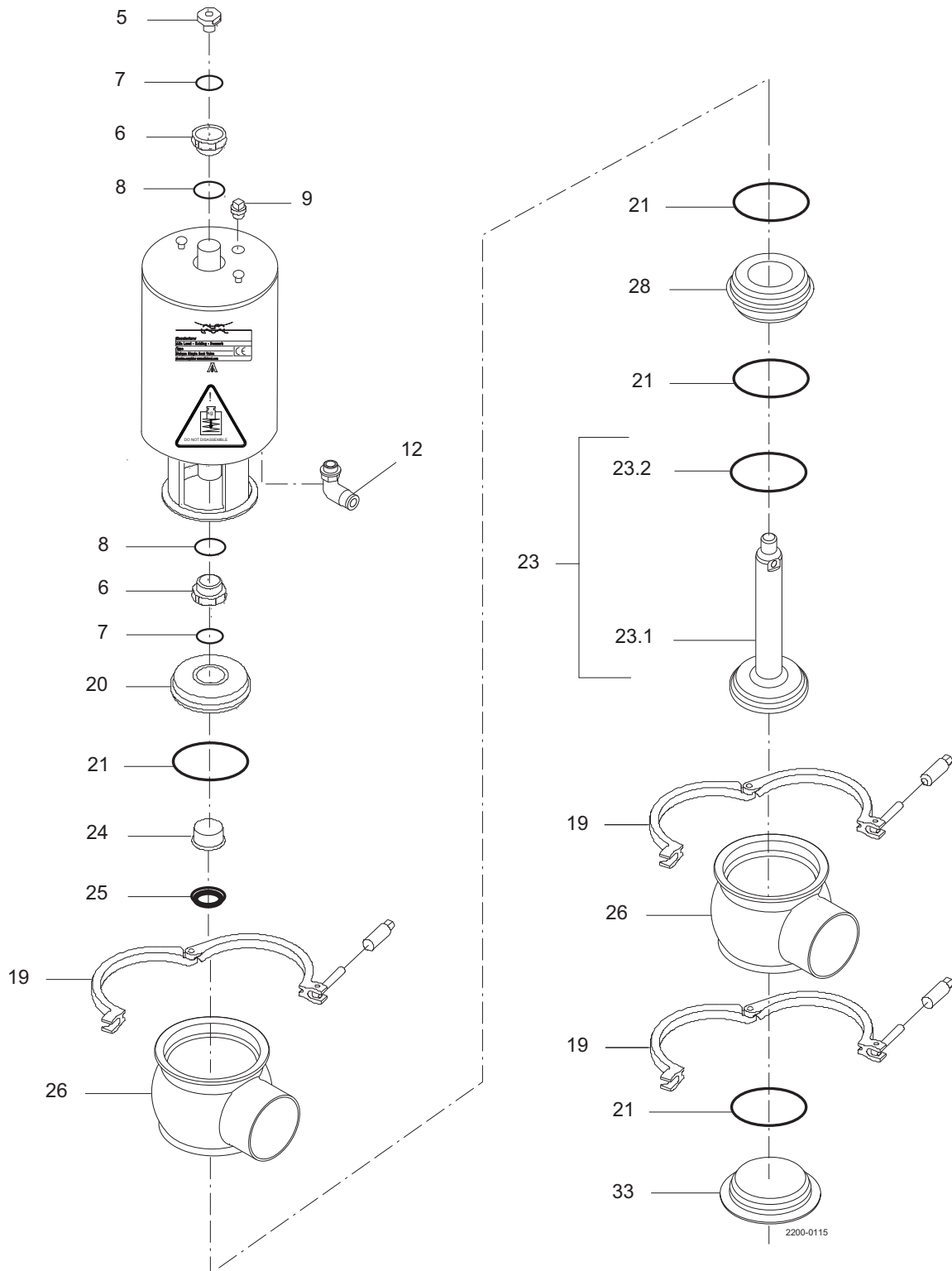
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Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



Pos	Qty	Denomination	DN 25 25 mm	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76.1 mm	DN 100 101.6 mm
Actuator								
		Actuator, complete (NO-RA) . . .	9613154806	9613154806	9613154807	9613154808	9613154809	9613154810
		Actuator, complete (NC-RA) . . .	9613154801	9613154801	9613154802	9613154803	9613154804	9613154805
		Actuator, complete (A/A)	9613154811	9613154811	9613154812	9613154813	9613154814	9613154815
5	1	Adapter, plastic (- 0115)						
	1	Adapter, steel (0115 - 0518)						
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701	9615374701
6	□	2 Bushing						
7	□	2 O-ring						
8	□	2 O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611991988	9611991988	9611991988	9611991988	9611991988	9611991988
Clamp								
19	3	Clamp	9612939303	9612939303	9612939304	9612939305	9612939306	9612939307
Bonnet								
20	1	Bonnet	9613127102	9613127102	9613127103	9613127104	9613127105	9613127106
21	♦	4 O-ring, EPDM (standard)						
	4	O-ring, HNBR						
	4	O-ring, FPM						
		O-ring set, (10 pcs.) EPDM	9614059422	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring set, (10 pcs.) HNBR	9614059423	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring set, (10 pcs.) FPM	9614059424	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
25	♦	1 Lip seal, EPDM (standard)						
	1	Lip seal, HNBR						
	1	Lip seal, FPM						
		Lip seal set, (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419	9614059419
		Lip seal set, (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420	9614059420
		Lip seal set, (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421	9614059421
33	1	Lower bonnet	9613130102	9613130102	9613130103	9613130104	9613130105	9613130106
Seat								
28	1	Seat	9613127501	9613127502	9613127503	9613127504	9613127505	9613127506
Valve body								
26	2	Valve body, upper, 1 port ISO . . .	9613139301	9613139303	9613139305	9613139307	9613139309	9613139311
	2	Valve body, upper, 2 ports ISO . .	9613139302	9613139304	9613139306	9613139308	9613139310	9613139312
	2	Valve body, upper, 1 port DIN . . .	9613139401	9613139403	9613139405	9613139407	9613139409	9613139411
	2	Valve body, upper, 2 ports DIN . . .	9613139402	9613139404	9613139406	9613139408	9613139410	9613139412
Valve plug								
23	1	Plug, shut-off RA, ISO, complete, EPDM (standard)	9613127601	9613127602	9613127603	9613127604	9613127605	9613127606
	1	Plug, shut-off RA, ISO, complete, HNBR	9613127613	9613127614	9613127615	9613127616	9613127617	9613127618
	1	Plug, shut-off RA, ISO, complete, FPM	9613127625	9613127626	9613127627	9613127628	9613127629	9613127630
	1	Plug, shut-off RA, DIN, complete, EPDM (standard)	9613127607	9613127608	9613127609	9613127610	9613127611	9613127612
	1	Plug, shut-off RA, DIN, complete, HNBR	9613127619	9613127620	9613127621	9613127622	9613127623	9613127624
	1	Plug, shut-off RA, DIN, complete, FPM	9613127631	9613127632	9613127633	9613127634	9613127635	9613127636
23.1	1	Plug, shut-off RA, ISO	9613149801	9613139902	9613139903	9613139904	9613139905	9613139906
	1	Plug, shut-off RA, DIN	9613149802	9613139908	9613139909	9613139910	9613139911	9613139912
23.2♦	1	Plug seal, EPDM (standard)						
	1	Plug seal, HNBR						
	1	Plug seal, FPM						
		Plug seal set, (10 pcs.) EPDM . . .	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal set, (10 pcs.) HNBR . . .	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal set, (10 pcs.) FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418

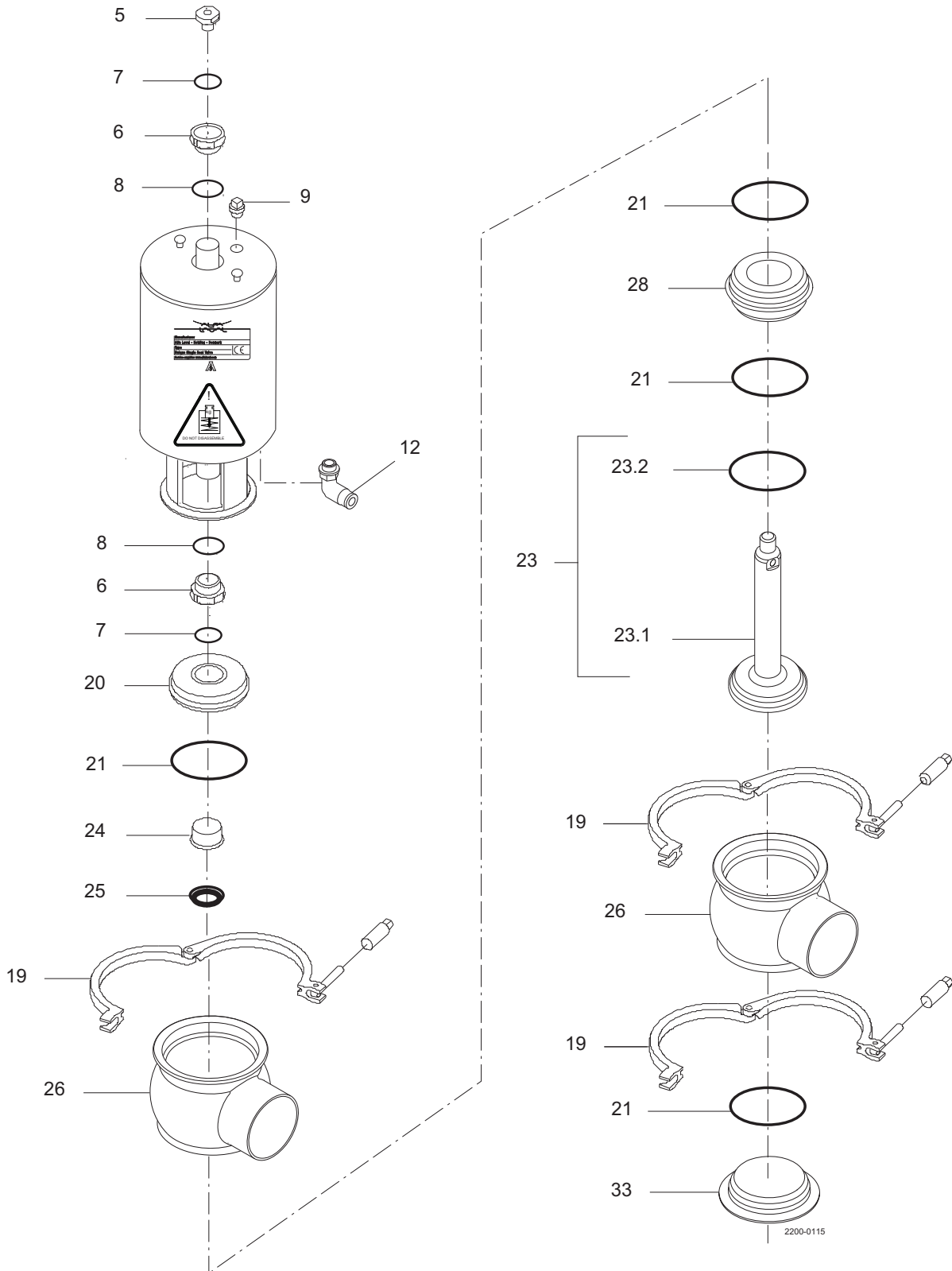
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Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



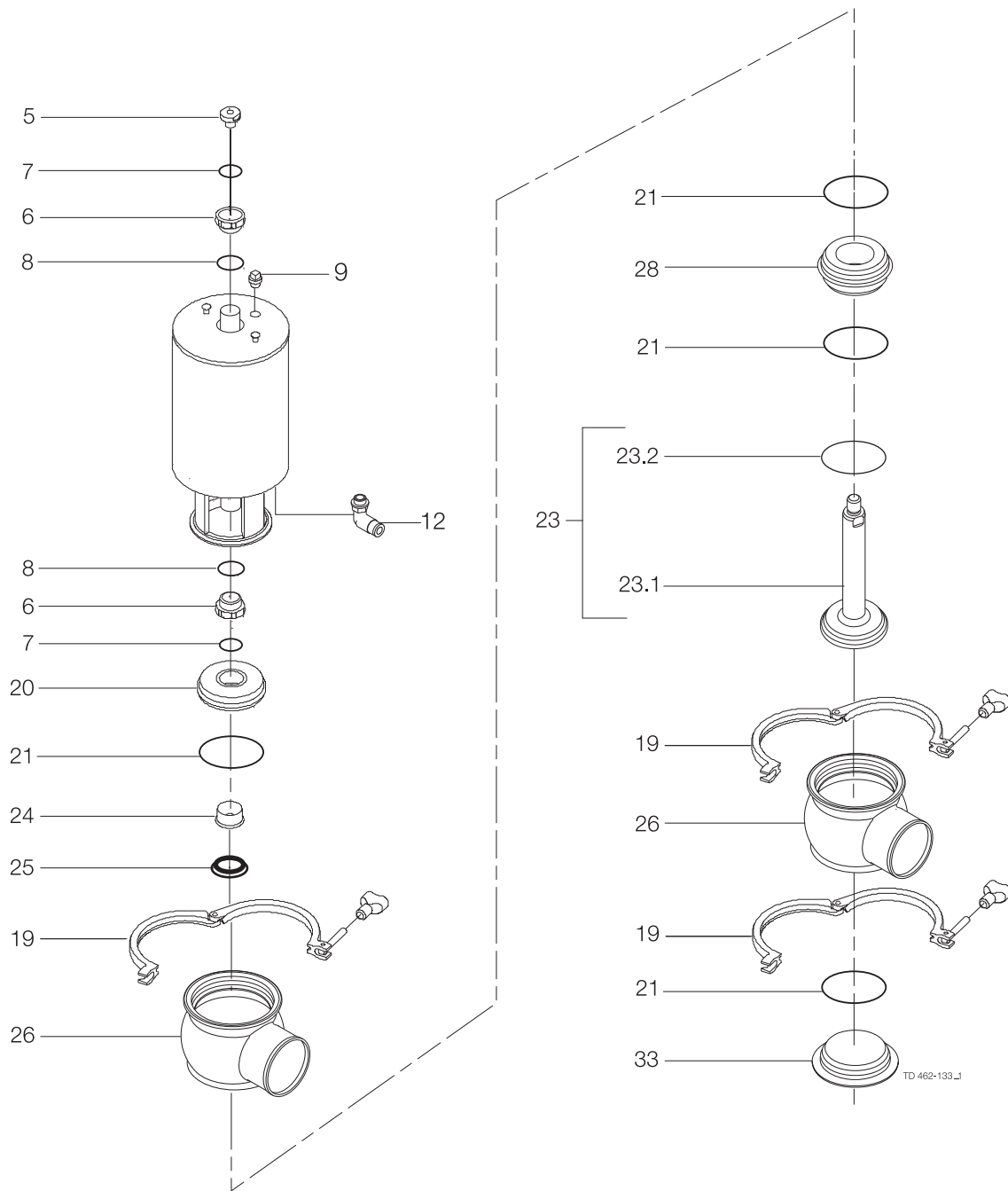
	DN 25 25 mm	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76.1 mm	DN 100 101.6 mm
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Service kits

□	Service kit, actuator	9611926500	9611926500	9611926500	9611926500	9611926500	9611926500
◆	Service kit, EPDM	9611926525	9611926526	9611926527	9611926528	9611926529	9611926530
◆	Service kit, HNBR	9611926531	9611926532	9611926533	9611926534	9611926535	9611926536
◆	Service kit, FPM	9611926537	9611926538	9611926539	9611926540	9611926541	9611926542

Parts marked with □◆ are included in the service kits. Recommended spare parts: service kits.

TD 900-350/3



TD 462-133_1

Pos	Qty	Denomination	1"	1½"	2"	2½"	3"	4"
Actuator								
		Actuator, complete (NO-RA)	9613154836	9613154836	9613154837	9613154838	9613154839	9613154840
		Actuator, complete (NC-RA)	9613154831	9613154831	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (A/A)	9613154841	9613154841	9613154842	9613154843	9613154844	9613154845
5	1	Adapter, plastic (- 0115)						
	1	Adapter, steel (0115 - 0518)						
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701	9615374701
6	□	Bushing						
7	□	O-ring						
8	□	O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682	9611994682	9611994682
Clamp								
19	3	Clamp	9612939316	9612939316	9612939317	9612939318	9612939319	9612939320
Bonnet								
20	1	Bonnet	9613127102	9613127102	9613127103	9613127104	9613127105	9613127106
21	◆	O-ring, EPDM (standard)						
	◆	O-ring, HNBR						
	◆	O-ring, FPM						
		O-ring, set (10 pcs.) EPDM	9614059422	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring, set (10 pcs.) HNBR	9614059423	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring, set (10 pcs.) FPM	9614059424	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
25	◆	Lip seal, EPDM (standard)						
	◆	Lip seal, HNBR						
	◆	Lip seal, FPM						
		Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419	9614059419
		Lip seal, set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420	9614059420
		Lip seal, set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421	9614059421
33	1	Lower bonnet	9613130102	9613130102	9613130103	9613130104	9613130105	9613130106
Seat								
28	1	Seat	9613127501	9613127502	9613127503	9613127504	9613127505	9613127506
Valve Body								
26	2	Valve body, upper, 1 port, clamp	9613161501	9613161503	9613161505	9613161507	9613161509	9613161511
	2	Valve body, upper, 2 ports, clamp	9613161502	9613161504	9613161506	9613161508	9613161510	9613161512
	2	Valve body, upper, 1 port, welding ends	9613139313	9613139315	9613139317	9613139319	9613139321	9613139323
	2	Valve body, upper, 2 ports, welding ends	9613139314	9613139316	9613139318	9613139320	9613139322	9613139324
Valve Plug								
23	1	Plug, shut-off, RA, complete, EPDM (standard)	9613127601	9613127602	9613127603	9613127604	9613127605	9613127606
	1	Plug, shut-off, RA, complete, HNBR	9613127613	9613127614	9613127615	9613127616	9613127617	9613127618
	1	Plug, shut-off, RA, complete, FPM	9613127625	9613127626	9613127627	9613127628	9613127629	9613127630
23.1	1	Plug, shut-off	9613149801	9613139902	9613139903	9613139904	9613139905	9613139906
23.2	◆	Plug seal, EPDM (standard)						
	◆	Plug seal, HNBR						
	◆	Plug seal, FPM						
		Plug seal, set (10 pcs.) EPDM	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal, set (10 pcs.) HNBR	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal, set (10 pcs.) FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418
			1"	1½"	2"	2½"	3"	4"
□		Service kit, actuator	9611926500	9611926500	9611926500	9611926500	9611926500	9611926500
◆		Service kit, EPDM	9611926525	9611926526	9611926527	9611926528	9611926529	9611926530
◆		Service kit, HNBR	9611926531	9611926532	9611926533	9611926534	9611926535	9611926536
◆		Service kit, FPM	9611926537	9611926538	9611926539	9611926540	9611926541	9611926542

Parts marked with □ are included in the service kits (actuator).
 Parts marked with ◆ are included in the service kits (product wetted parts).

Recommended spare parts: Service kits.

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.

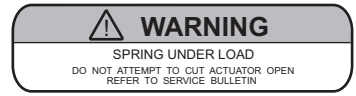


Do NOT attempt to disassemble the actuator due to spring under load danger.

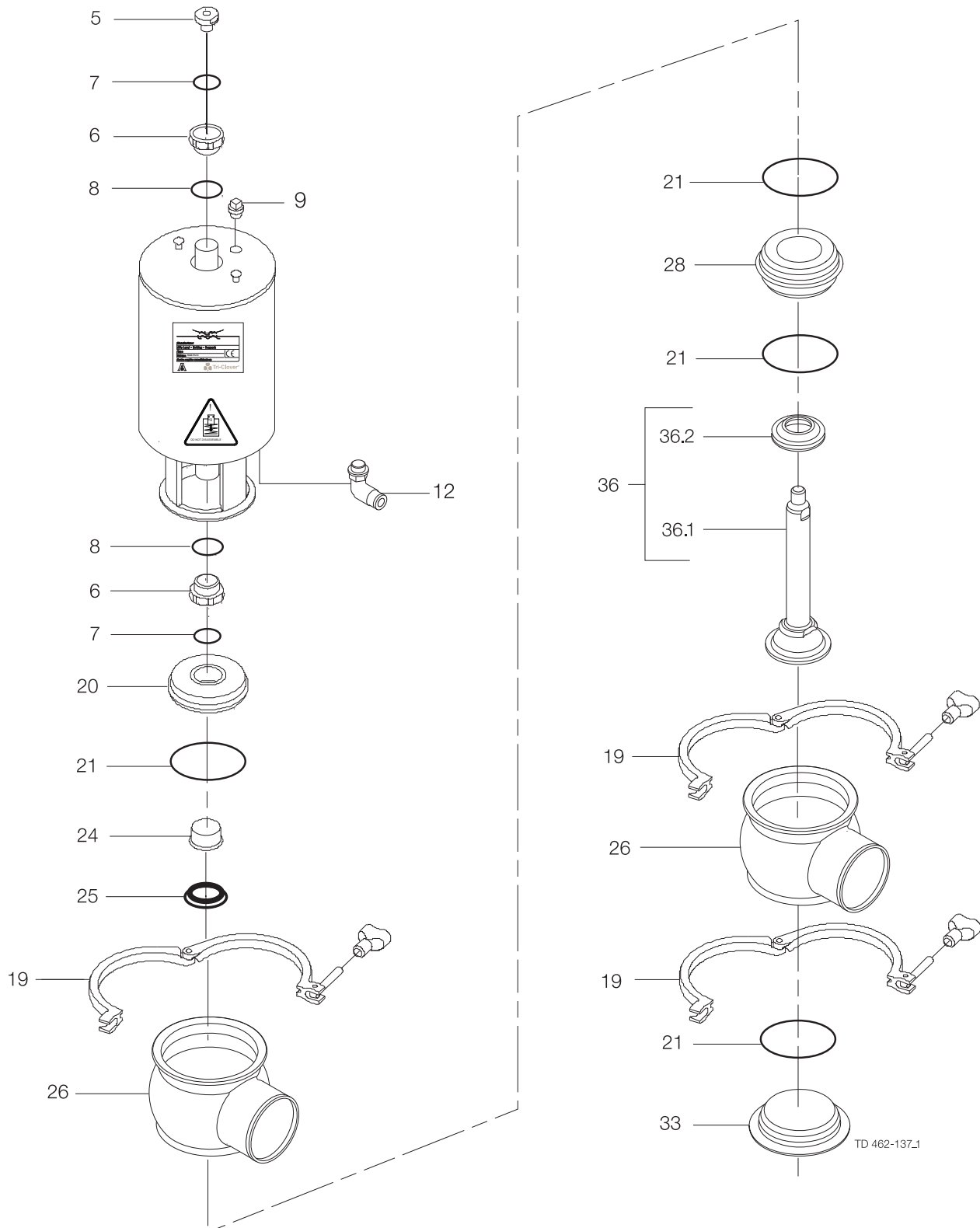


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



TD 462-137.1

Pos	Qty	Denomination	1½"	2"	2½"	3"	4"
Actuator							
		Actuator, complete (NO-RA)	9613154836	9613154837	9613154838	9613154839	9613154840
		Actuator, complete (NC-RA)	9613154831	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (A/A)	9613154841	9613154842	9613154843	9613154844	9613154845
5	1	Adapter, plastic (- 0115)					
	1	Adapter, steel (0115 - 0518)					
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701
6	□	Bushing					
7	□	O-ring					
8	□	O-ring					
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682	9611994682
Clamp							
19	3	Clamp	9612939316	9612939317	9612939318	9612939319	9612939320
Bonnet							
20	1	Bonnet	9613127102	9613127103	9613127104	9613127105	9613127106
21	◆	O-ring, EPDM (standard)					
	◆	O-ring, HNBR					
	◆	O-ring, FPM					
		O-ring, set (10 pcs.) EPDM	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring, set (10 pcs.) HNBR	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring, set (10 pcs.) FPM	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
25	◆	Lip seal, EPDM (standard)					
	◆	Lip seal, HNBR					
	◆	Lip seal, FPM					
		Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419
		Lip seal, set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420
		Lip seal, set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421
33	1	Lower bonnet	9613130102	9613130103	9613130104	9613130105	9613130106
Seat							
28	1	Seat	9613127502	9613127503	9613127504	9613127505	9613127506
Valve Body							
26	2	Valve body, upper, 1 port, clamp	9613161503	9613161505	9613161507	9613161509	9613161511
	2	Valve body, upper, 2 ports, clamp	9613161504	9613161506	9613161508	9613161510	9613161512
	2	Valve body, upper, 1 port, welding ends	9613139315	9613139317	9613139319	9613139321	9613139323
	2	Valve body, upper, 2 ports, welding ends	9613139316	9613139318	9613139320	9613139322	9613139324
Valve Plug							
36	1	Plug, shut off RA, complete	9613160802	9613160803	9613160804	9613160805	9613160806
36.1	1	Plug, shut off RA	9613160701	9613160702	9613160703	9613160704	9613160705
36.2◆	1	Plug seal, PTFE					
		Plug seal, set (10 pcs.) PTFE	9614059449	9614059450	9614059451	9614059452	9614059453
			1½"	2"	2½"	3"	4"
□		Service kit, actuator	9611926500	9611926500	9611926500	9611926500	9611926500
◆		Service kit, EPDM	9611926648	9611926649	9611926650	9611926651	9611926652
◆		Service kit, HNBR	9611926653	9611926654	9611926655	9611926656	9611926657
◆		Service kit, FPM	9611926658	9611926659	9611926660	9611926661	9611926662

Parts marked with □ are included in the service kits (actuator).
 Parts marked with ◆ are included in the service kits (product wetted parts).

Recommended spare parts: Service kits.

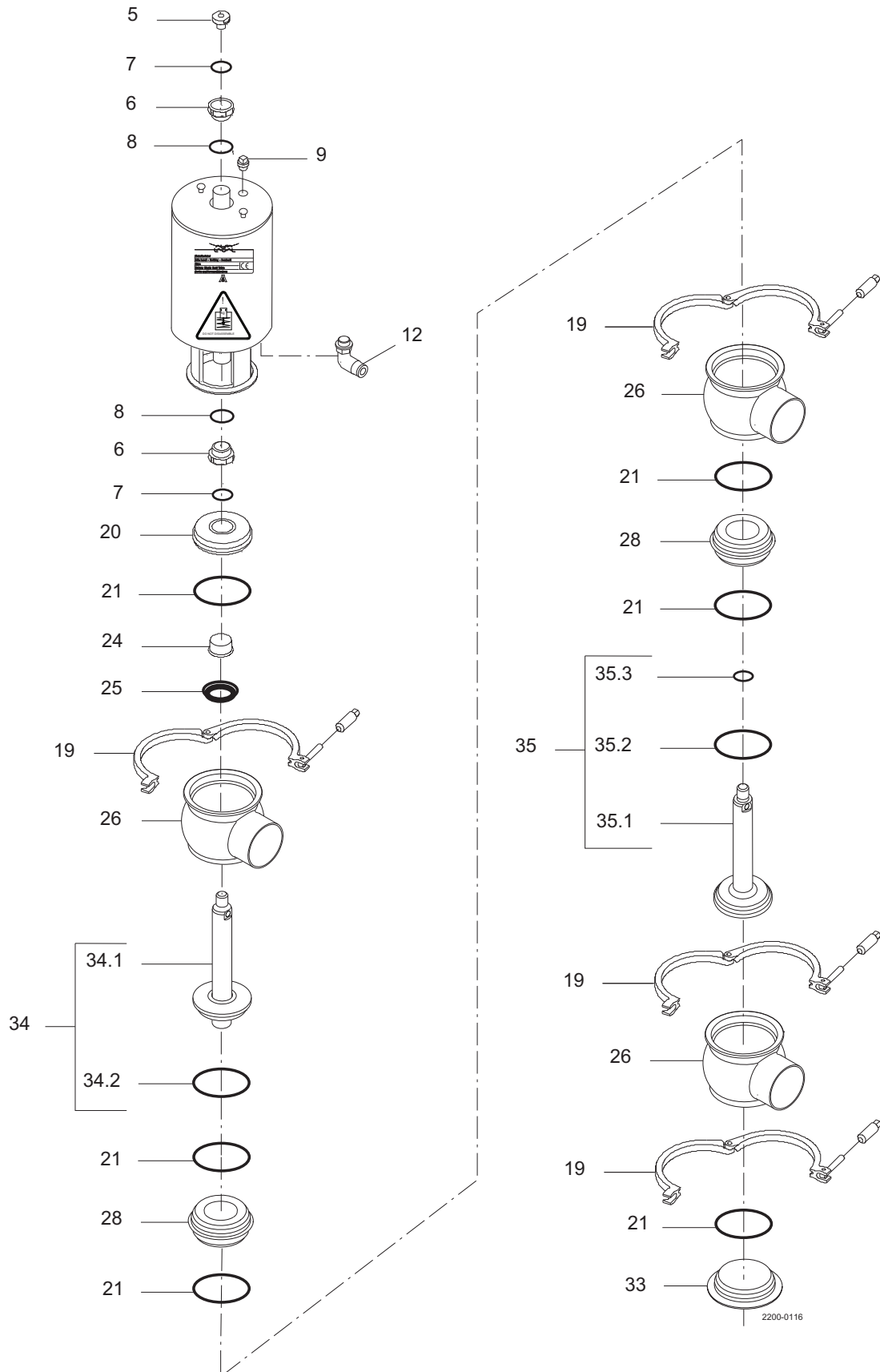
If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



Pos	Qty	Denomination	DN 25 25 mm	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76.1 mm	DN 100 101.6 mm
Actuator								
		Actuator, complete (NO-RA) . . .	9613154806	9613154806	9613154807	9613154808	9613154809	9613154810
		Actuator, complete (NC-RA) . . .	9613154801	9613154801	9613154802	9613154803	9613154804	9613154805
		Actuator, complete (A/A)	9613154811	9613154811	9613154812	9613154813	9613154814	9613154815
5	1	Adapter, plastic (- 0115)						
	1	Adapter, steel (0115 - 0518)						
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701	9615374701
6	□ 2	Bushing						
7	□ 2	O-ring						
8	□ 2	O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611991988	9611991988	9611991988	9611991988	9611991988	9611991988
Clamp								
19	4	Clamp	9612939303	9612939303	9612939304	9612939305	9612939306	9612939307
Bonnet								
20	1	Bonnet	9613127102	9613127102	9613127103	9613127104	9613127105	9613127106
21	♦ 6	O-ring, EPDM (standard)						
	6	O-ring, HNBR						
	6	O-ring, FPM						
		O-ring set, (10 pcs.) EPDM	9614059422	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring set, (10 pcs.) HNBR	9614059423	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring set, (10 pcs.) FPM	9614059424	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
25	♦ 1	Lip seal, EPDM (standard)						
	1	Lip seal, HNBR						
	1	Lip seal, FPM						
		Lip seal set, (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419	9614059419
		Lip seal set, (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420	9614059420
		Lip seal set, (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421	9614059421
33	1	Lower bonnet	9613130102	9613130102	9613130103	9613130104	9613130105	9613130106
Seat								
28	2	Seat	9613127501	9613127502	9613127503	9613127504	9613127505	9613127506
Valve Body								
26	3	Valve body, upper, 1 port ISO . . .	9613139301	9613139303	9613139305	9613139307	9613139309	9613139311
	3	Valve body, upper, 2 ports ISO . . .	9613139302	9613139304	9613139306	9613139308	9613139310	9613139312
	3	Valve body, upper, 1 port DIN . . .	9613139401	9613139403	9613139405	9613139407	9613139409	9613139411
	3	Valve body, upper, 2 ports DIN . . .	9613139402	9613139404	9613139406	9613139408	9613139410	9613139412

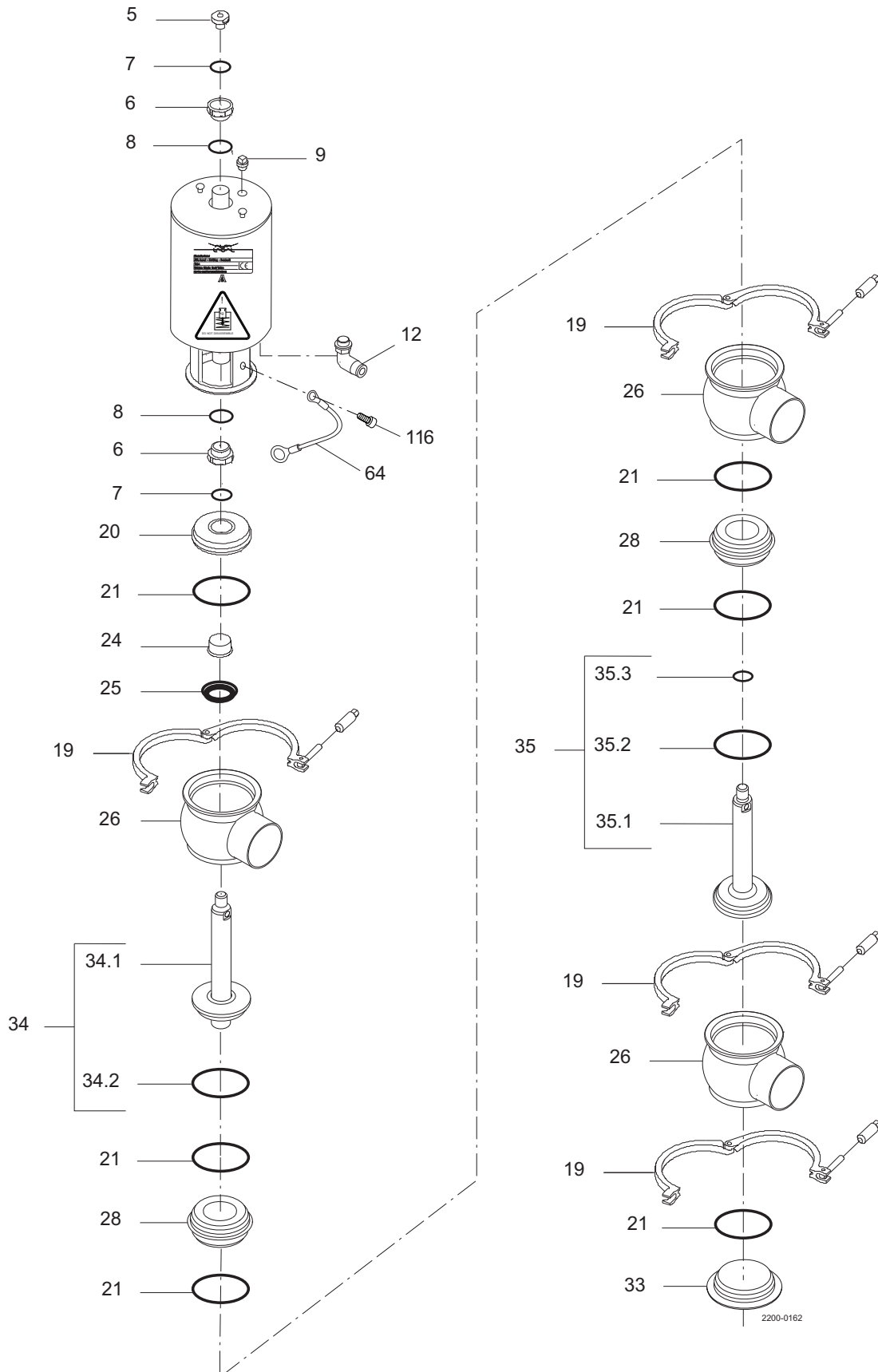
If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



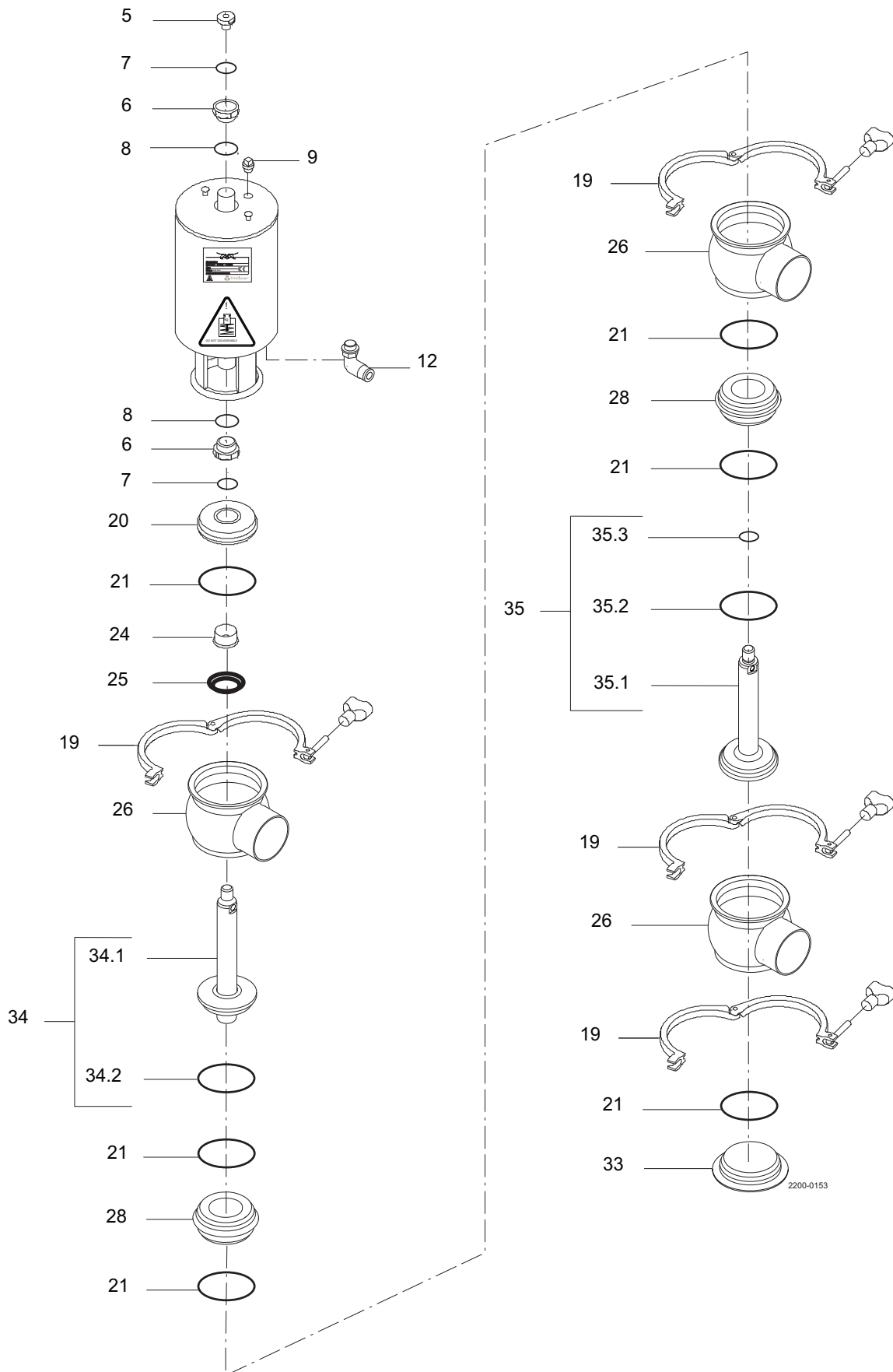
Pos	Qty	Denomination	DN 25 25 mm	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76.1 mm	DN 100 101.6 mm
Valve Plug								
34	1	Plug, change-over upper RA, ISO, complete, EPDM (standard)	9613162101	9613162102	9613162103	9613162104	9613162105	9613162106
	1	Plug, change-over upper RA, ISO, complete, HNBR	9613162113	9613162114	9613162115	9613162116	9613162117	9613162118
	1	Plug, change-over upper RA, ISO, complete, FPM	9613162125	9613162126	9613162127	9613162128	9613162129	9613162130
	1	Plug, change-over upper RA, DIN, complete, EPDM (standard)	9613162107	9613162108	9613162109	9613162110	9613162111	9613162112
	1	Plug, change-over upper RA, DIN, complete, HNBR	9613162119	9613162120	9613162121	9613162122	9613162123	9613162124
	1	Plug, change-over upper RA, DIN, complete, FPM	9613162131	9613162132	9613162133	9613162134	9613162135	9613162136
34.1	1	Plug, change-over upper RA, ISO	9613150201	9613140102	9613140103	9613140104	9613140105	9613140106
	1	Plug, change-over upper RA, DIN	9613150202	9613140108	9613140109	9613140110	9613140111	9613140112
34.2♦	1	Plug seal, EPDM (standard)						
	1	Plug seal, HNBR						
	1	Plug seal, FPM						
		Plug seal set, (10 pcs.) EPDM . . .	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal set, (10 pcs.) HNBR . . .	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal set, (10 pcs.) FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418
35	1	Plug, change-over lower RA, ISO, complete, EPDM (standard)	9613162201	9613162202	9613162203	9613162204	9613162205	9613162206
	1	Plug, change-over lower RA, ISO, complete, HNBR	9613162213	9613162214	9613162215	9613162216	9613162217	9613162218
	1	Plug, change-over lower RA, ISO, complete, FPM	9613162225	9613162226	9613162227	9613162228	9613162229	9613162230
	1	Plug, change-over lower RA, DIN, complete, EPDM (standard)	9613162207	9613162208	9613162209	9613162210	9613162211	9613162212
	1	Plug, change-over lower RA, DIN, complete, HNBR	9613162219	9613162220	9613162221	9613162222	9613162223	9613162224
	1	Plug, change-over lower RA, DIN, complete, FPM	9613162231	9613162232	9613162233	9613162234	9613162235	9613162236
35.1	1	Plug, change-over lower RA, ISO	9613150501	9613164601	9613164701	9613164702	9613164703	9613164704
	1	Plug, change-over lower RA, DIN	9613150502	9613164602	9613164705	9613164706	9613164707	9613164708
35.2♦	1	Plug seal, EPDM (standard)						
	1	Plug seal, HNBR						
	1	Plug seal, FPM						
		Plug seal set, (10 pcs.) EPDM . . .	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal set, (10 pcs.) HNBR . . .	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal set, (10 pcs.) FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418
35.3♦	1	O-ring, EPDM (standard)						
	1	O-ring, HNBR						
	1	O-ring, FPM						
		O-ring set, (10 pcs.) EPDM	9614059442	9614059443	9614059443	9614059443	9614059443	9614059443
		O-ring set, (10 pcs.) HNBR	9614059444	9614059445	9614059445	9614059445	9614059445	9614059445
		O-ring set, (10 pcs.) FPM	9614059446	9614059447	9614059447	9614059447	9614059447	9614059447
			DN 25 25 mm	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76.1 mm	DN 100 101.6 mm

Service kits

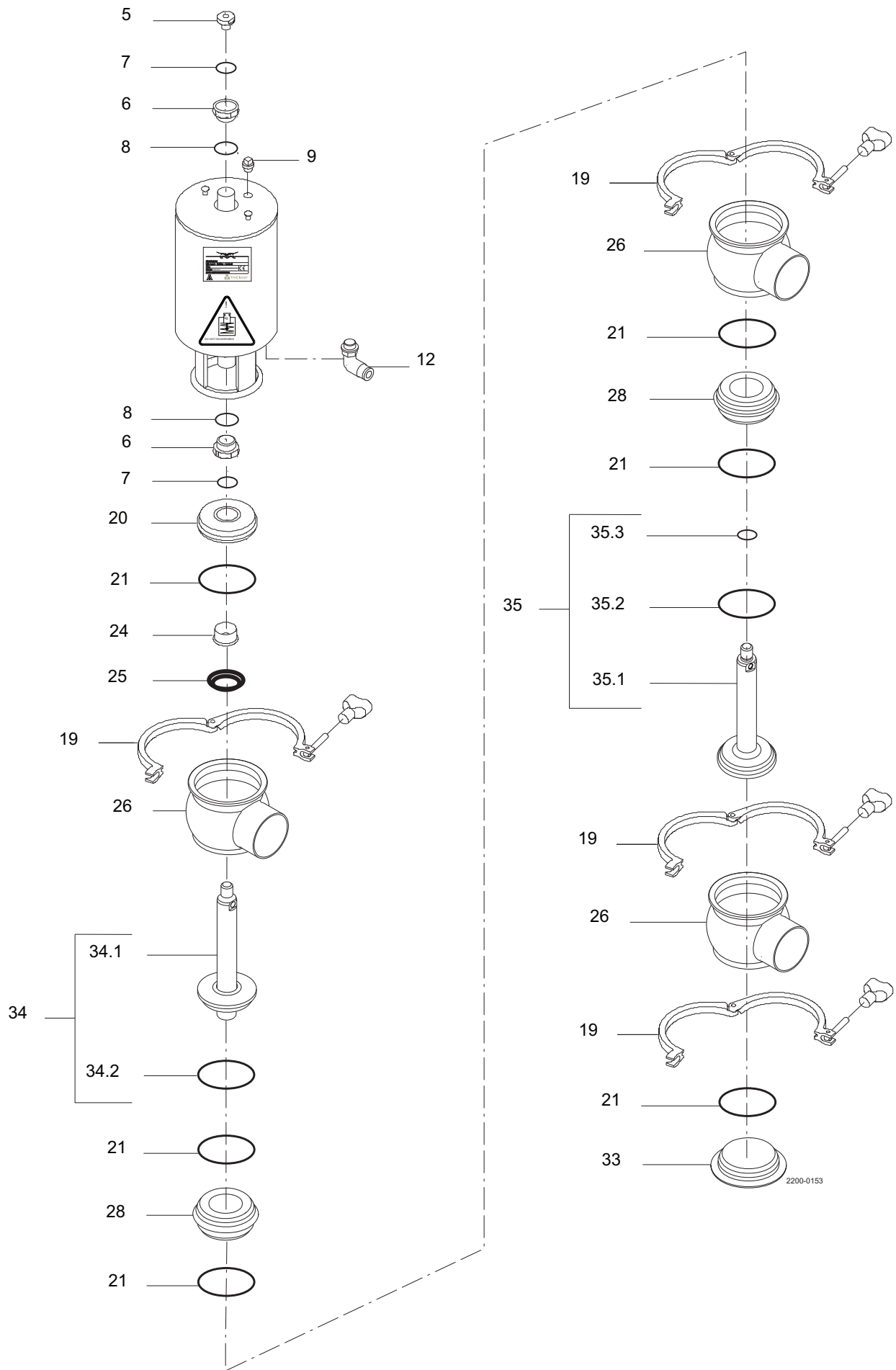
□	Service kit, actuator	9611926500	9611926500	9611926500	9611926500	9611926500	9611926500
♦	Service kit, EPDM	9611926597	9611926598	9611926599	9611926600	9611926601	9611926602
♦	Service kit, HNBR	9611926603	9611926604	9611926605	9611926606	9611926607	9611926608
♦	Service kit, FPM	9611926609	9611926610	9611926611	9611926612	9611926613	9611926614

Parts marked with □♦ are included in the service kits.

Recommended spare parts: Service kits.



Pos	Qty	Denomination	1"	1½"	2"	2½"	3"	4"
Actuator								
		Actuator, complete (NO-RA) . . .	9613154836	9613154836	9613154837	9613154838	9613154839	9613154840
		Actuator, complete (NC-RA) . . .	9613154831	9613154831	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (A/A)	9613154841	9613154841	9613154842	9613154843	9613154844	9613154845
5	1	Adapter, plastic (- 0115)						
	1	Adapter, steel (0115 - 0518)						
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701	9615374701
6	□ 2	Bushing						
7	□ 2	O-ring						
8	□ 2	O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682	9611994682	9611994682
Clamp								
19	4	Clamp	9612939316	9612939316	9612939317	9612939318	9612939319	9612939320
Bonnet								
20	1	Bonnet	9613127102	9613127102	9613127103	9613127104	9613127105	9613127106
21	◆ 6	O-ring, EPDM (standard)						
	◆ 6	O-ring, HNBR						
	◆ 6	O-ring, FPM						
		O-ring, set (10 pcs.) EPDM	9614059422	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring, set (10 pcs.) HNBR	9614059423	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring, set (10 pcs.) FPM	9614059424	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
25	◆ 1	Lip seal, EPDM (standard)						
	◆ 1	Lip seal, HNBR						
	◆ 1	Lip seal, FPM						
		Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419	9614059419
		Lip seal, set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420	9614059420
		Lip seal, set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421	9614059421
33	1	Lower bonnet	9613130102	9613130102	9613130103	9613130104	9613130105	9613130106
Seat								
28	2	Seat	9613127501	9613127502	9613127503	9613127504	9613127505	9613127506
Valve Body								
26	3	Valve body, upper, 1 port, clamp	9613161501	9613161503	9613161505	9613161507	9613161509	9613161511
	3	Valve body, upper, 2 ports, clamp	9613161502	9613161504	9613161506	9613161508	9613161510	9613161512
	3	Valve body, upper, 1 port, welding ends	9613139313	9613139315	9613139317	9613139319	9613139321	9613139323
	3	Valve body, upper, 2 ports , welding ends	9613139314	9613139316	9613139318	9613139320	9613139322	9613139324
Valve Plug								
34	1	Plug, change-over, upper RA, complete, EPDM (standard)	9613162101	9613162102	9613162103	9613162104	9613162105	9613162106
	1	Plug, change-over, upper RA, complete, HNBR	9613162113	9613162114	9613162115	9613162116	9613162117	9613162118
	1	Plug, change-over, upper RA, complete, FPM	9613162125	9613162126	9613162127	9613162128	9613162129	9613162130
34.1	1	Plug, change-over, upper RA, . . .	9613150201	9613140102	9613140103	9613140104	9613140105	9613140106
34.2	◆ 1	Plug seal, EPDM (standard)						
	◆ 1	Plug seal, HNBR						
	◆ 1	Plug seal, FPM						
		Plug seal, set (10 pcs.) EPDM	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal, set (10 pcs.) HNBR	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal, set (10 pcs.) FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418
35	1	Plug, change-over, lower RA, complete, EPDM (standard)	9613162201	9613162202	9613162203	9613162204	9613162205	9613162206
	1	Plug, change-over, lower RA, complete, HNBR	9613162213	9613162214	9613162215	9613162216	9613162217	9613162218
	1	Plug, change-over, lower RA, complete, FPM	9613162225	9613162226	9613162227	9613162228	9613162229	9613162230
35.1	1	Plug, change-over, lower RA, . . .	9613150501	9613164601	9613164701	9613164702	9613164703	9613164704
35.2	◆ 1	Plug seal, EPDM (standard)						
	◆ 1	Plug seal, HNBR						
	◆ 1	Plug seal, FPM						
		Plug seal, set (10 pcs.) EPDM	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal, set (10 pcs.) HNBR	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal, set (10 pcs.) FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418
35.3	◆ 1	O-ring, EPDM (standard)						
	◆ 1	O-ring, HNBR						
	◆ 1	O-ring, FPM						
		O-ring, set (10 pcs.) EPDM	9614059442	9614059443	9614059443	9614059443	9614059443	9614059443
		O-ring, set (10 pcs.) HNBR	9614059444	9614059445	9614059445	9614059445	9614059445	9614059445
		O-ring, set (10 pcs.) FPM	9614059446	9614059447	9614059447	9614059447	9614059447	9614059447



		1"	1½"	2"	2½"	3"	4"
□	Service kit, actuator	9611926500	9611926500	9611926500	9611926500	9611926500	9611926500
◆	Service kit, EPDM	9611926597	9611926598	9611926599	9611926600	9611926601	9611926602
◆	Service kit, HNBR	9611926603	9611926604	9611926605	9611926606	9611926607	9611926608
◆	Service kit, FPM	9611926609	9611926610	9611926611	9611926612	9611926613	9611926614

Parts marked with □ are included in the service kits (actuator).

Parts marked with ◆ are included in the service kits (product wetted parts).

Recommended spare parts: Service kits.

TD 900365/3

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.

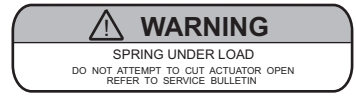


Do NOT attempt to disassemble the actuator due to spring under load danger.

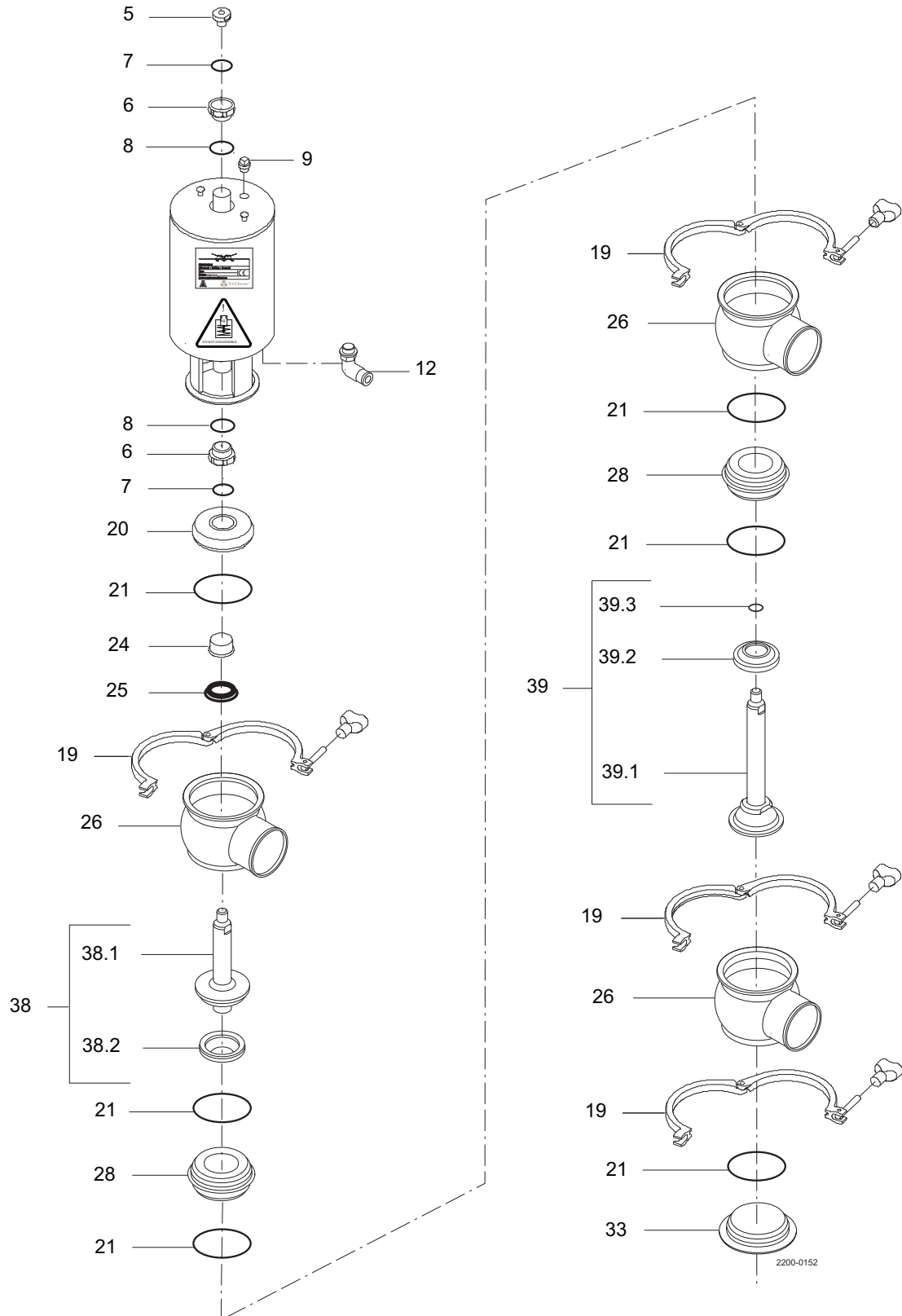


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



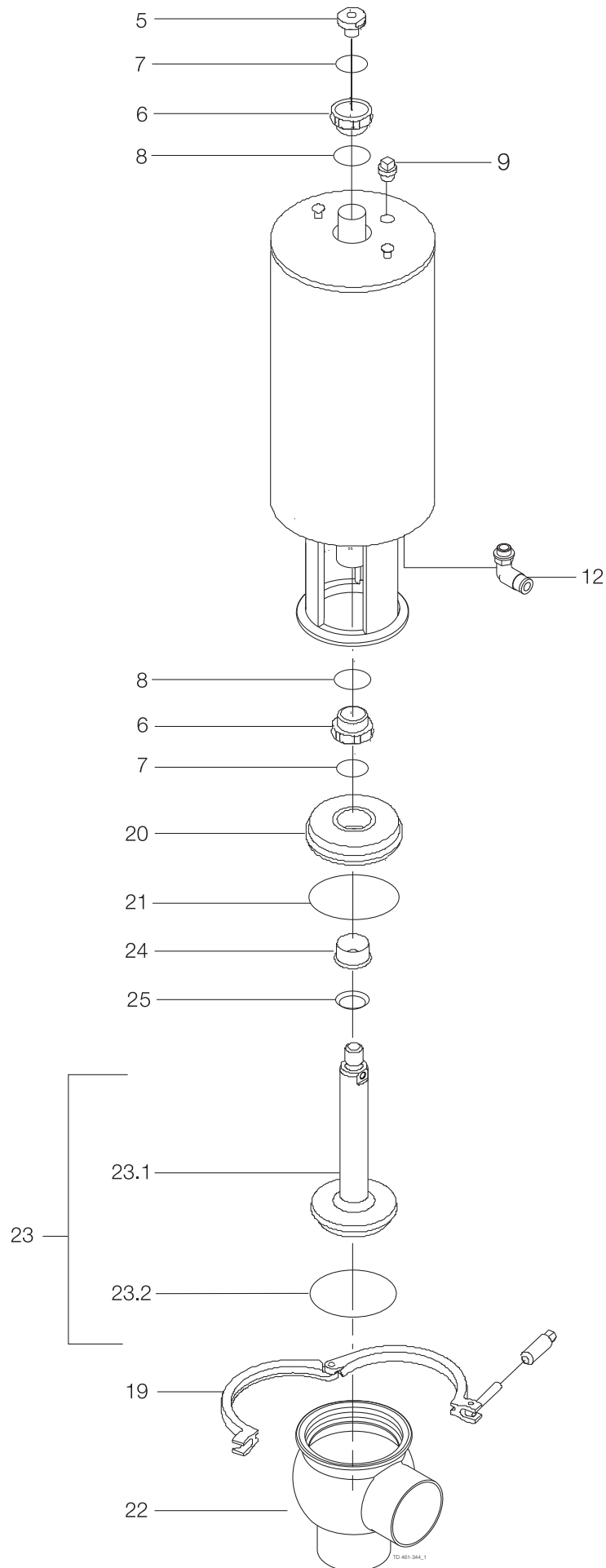
Do NOT attempt to cut the actuator open, due to spring under load danger.



Pos	Qty	Denomination	1½"	2"	2½"	3"	4"
Actuator							
		Actuator, complete (NO-RA)	9613154836	9613154837	9613154838	9613154839	9613154840
		Actuator, complete (NC-RA)	9613154831	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (A/A)	9613154841	9613154842	9613154843	9613154844	9613154845
5	1	Adapter, plastic (- 0115)					
	1	Adapter, steel (0115 - 0518)					
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701
6	□	Bushing					
7	□	O-ring					
8	□	O-ring					
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682	9611994682
Clamp							
19	4	Clamp	9612939316	9612939317	9612939318	9612939319	9612939320
Bonnet							
20	1	Bonnet	9613127102	9613127103	9613127104	9613127105	9613127106
21	◆	O-ring, EPDM (standard)					
	◆	O-ring, HNBR					
	◆	O-ring, FPM					
		O-ring, set (10 pcs.) EPDM	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring, set (10 pcs.) HNBR	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring, set (10 pcs.) FPM	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
25	◆	Lip seal, EPDM (standard)					
	◆	Lip seal, HNBR					
	◆	Lip seal, FPM					
		Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419
		Lip seal, set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420
		Lip seal, set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421
33	1	Lower bonnet	9613130102	9613130103	9613130104	9613130105	9613130106
Seat							
28	2	Seat	9613127502	9613127503	9613127504	9613127505	9613127506
Valve Body							
26	3	Valve body, upper, 1 port, clamp	9613161503	9613161505	9613161507	9613161509	9613161511
	3	Valve body, upper, 2 ports, clamp	9613161504	9613161506	9613161508	9613161510	9613161512
	3	Valve body, upper, 1 port, welding ends	9613139315	9613139317	9613139319	9613139321	9613139323
	3	Valve body, upper, 2 ports, welding ends	9613139316	9613139318	9613139320	9613139322	9613139324
Valve Plug							
38	1	Plug, change over upper RA, complete	9613162702	9613162703	9613162704	9613162705	9613162706
38.1	1	Plug, change over upper RA	9613162902	9613162903	9613162904	9613162905	9613162906
38.2◆	1	Plug seal, PTFE					
		Plug seal, set (10 pcs.) PTFE	9614059449	9614059450	9614059451	9614059452	9614059453
39	1	Plug, change over lower RA, complete	9613162802	9613162803	9613162804	9613162805	9613162806
39.1	1	Plug, change over lower RA	9613163002	9613163003	9613163004	9613163005	9613163006
39.2	1	Plug seal, PTFE					
		Plug seal, set (10 pcs.) PTFE	9614059449	9614059450	9614059451	9614059452	9614059453
39.3◆	1	O-ring, EPDM (standard)					
	◆	O-ring, HNBR					
	◆	O-ring, FPM					
		O-ring, set (10 pcs.) EPDM	9614059443	9614059443	9614059443	9614059443	9614059443
		O-ring, set (10 pcs.) HNBR	9614059445	9614059445	9614059445	9614059445	9614059445
		O-ring, set (10 pcs.) FPM	9614059447	9614059447	9614059447	9614059447	9614059447
			1½"	2"	2½"	3"	4"
□		Service kit, actuator	9611926500	9611926500	9611926500	9611926500	9611926500
◆		Service kit, EPDM	9611926663	9611926664	9611926665	9611926666	9611926667
◆		Service kit, HNBR	9611926668	9611926669	9611926670	9611926671	9611926672
◆		Service kit, FPM	9611926673	9611926674	9611926675	9611926676	9611926677

Parts marked with □ are included in the service kits (actuator).
 Parts marked with ◆ are included in the service kits (product wetted parts).

Recommended spare parts: Service kits.



Pos	Qty	Denomination	DN 40	DN 50	DN 65	DN 80	DN 100
			38 mm	51 mm	63.5 mm	76.1 mm	101.6 mm
Actuator							
		Actuator, complete (NO)	9613154816	9613154817	9613154818	9613154819	9613154820
		Actuator, complete (NC)	9613154821	9613154822	9613154823	9613154824	9613154825
		Actuator, complete (A/A)	9613154826	9613154827	9613154828	9613154829	9613154830
5	1	Adapter, plastic (- 0115)					
	1	Adapter, steel (0115 - 0518)					
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701
6	□	Bushing					
7	□	O-ring					
8	□	O-ring					
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611991988	9611991988	9611991988	9611991988	9611991988
Clamp							
19	1	Clamp	9612939303	9612939304	9612939305	9612939306	9612939307
Bonnet							
20	1	Bonnet	9613127102	9613127103	9613127104	9613127105	9613127106
21	♦	O-ring, EPDM (standard)					
	1	O-ring, HNBR					
	1	O-ring, FPM					
		O-ring set (10 pcs.) EPDM	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring set (10 pcs.) HNBR	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring set (10 pcs.) FPM	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
25	♦	Lip seal, EPDM (standard)					
	1	Lip seal, HNBR					
	1	Lip seal, FPM					
		Lip seal set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419
		Lip seal set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420
		Lip seal set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421
Valve Body							
22	1	Valve body, lower, 2 ports ISO	9613139503	9613139505	9613139507	9613139509	9613139511
	1	Valve body, lower, 3 ports ISO	9613139504	9613139506	9613139508	9613139510	9613139512
	1	Valve body, lower, 2 ports DIN	9613139603	9613139605	9613139607	9613139609	9613139611
	1	Valve body, lower, 3 ports DIN	9613139604	9613139606	9613139608	9613139610	9613139612
Valve Plug							
23	1	Plug, shut-off, ISO/DIN comp., EPDM (std)	9613161902	9613161903	9613161904	9613161905	9613138806
	1	Plug, shut-off, ISO/DIN comp., HNBR	9613161908	9613161909	9613161910	9613161911	9613138818
	1	Plug, shut-off, ISO/DIN comp., FPM	9613161914	9613161915	9613161916	9613161917	9613138830
23.1	1	Plug, shut-off, ISO/DIN	9613159001	9613159101	9613159201	9613159301	9613139806
23.2♦	1	Plug seal, EPDM (standard)					
	1	Plug seal, HNBR					
	1	Plug seal, FPM					
		Plug seal set (10 pcs.) EPDM	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal set (10 pcs.) HNBR	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal set (10 pcs.) FPM	9614059406	9614059409	9614059412	9614059415	9614059418
			DN 40	DN 50	DN 65	DN 80	DN 100
			38 mm	51 mm	63.5 mm	76.1 mm	101.6 mm

Service kit for actuator

□ Service kit 9611926500 9611926500 9611926500 9611926500 9611926500

Service kit for product wetted parts, standard

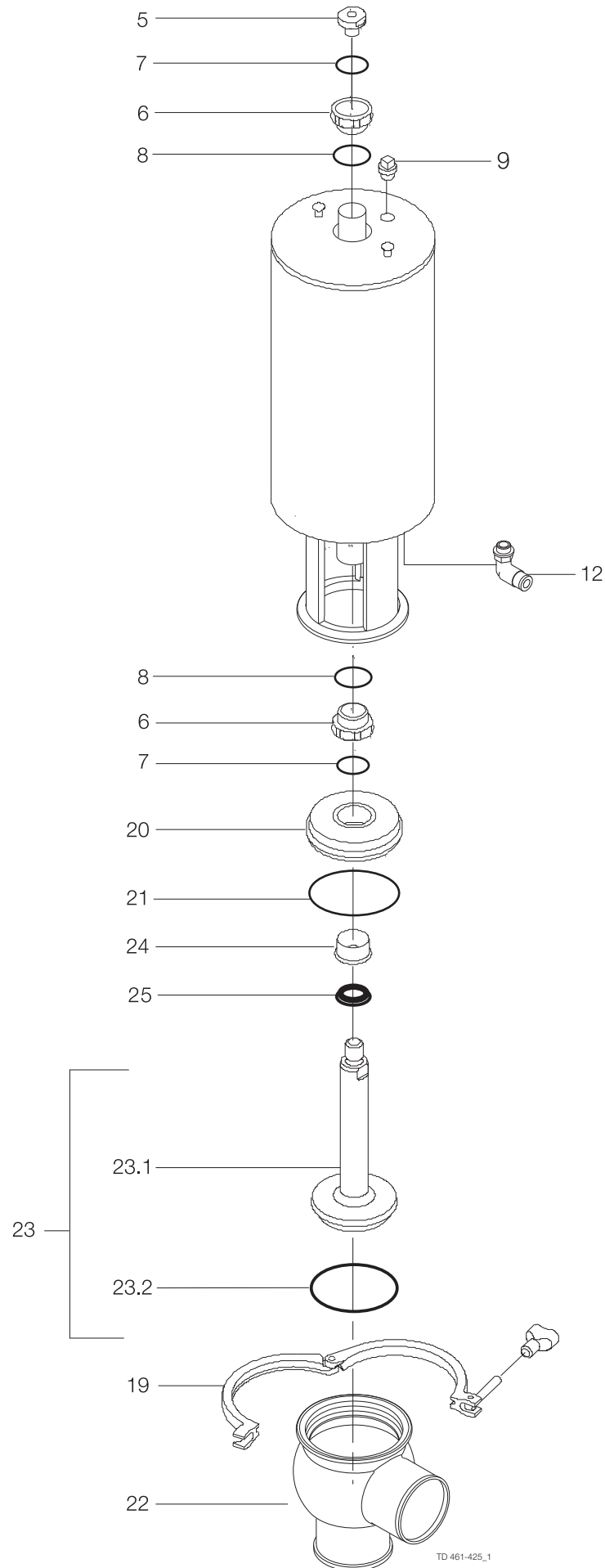
♦ Service kit, EPDM 9611926502 9611926503 9611926504 9611926505 9611926506

♦ Service kit, HNBR 9611926508 9611926509 9611926510 9611926511 9611926512

♦ Service kit, FPM 9611926514 9611926515 9611926516 9611926517 9611926518

Parts marked with □♦ are included in the service kits.

Recommended spare parts: Service kits.



Pos	Qty	Denomination	1½"	2"	2½"	3"	4"
Actuator							
		Actuator, complete (NO)	9613154846	9613154847	9613154848	9613154849	9613154850
		Actuator, complete (NC)	9613154851	9613154852	9613154853	9613154854	9613154855
		Actuator, complete (A/A)	9613154856	9613154857	9613154858	9613154859	9613154860
5	1	Adapter, plastic (- 0115)					
	1	Adapter, steel (0115 - 0518)					
	1	Adapter, steel (0518 -)	9615344701	9615344701	9615344701	9615344701	9615344701
6	□	2 Bushing					
7	□	2 O-ring					
8	□	2 O-ring					
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682	9611994682
Clamp							
19	1	Clamp	9612939316	9612939317	9612939318	9612939319	9612939320
Bonnet							
20	1	Bonnet	9613127102	9613127103	9613127104	9613127105	9613127106
21	♦	1 O-ring, EPDM (standard)					
	1	O-ring, HNBR					
	1	O-ring, FPM					
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
25	♦	1 Lip seal, EPDM (standard)					
	1	Lip seal, HNBR					
	1	Lip seal, FPM					
Valve Body							
22	1	Valve body, lower, 2 ports, clamp	9613161603	9613161605	9613161607	9613161609	9613161611
	1	Valve body, lower, 3 ports, clamp	9613161604	9613161606	9613161608	9613161610	9613161612
	1	Valve body, lower, 2 ports, welding ends	9613139515	9613139517	9613139519	9613139521	9613139523
	1	Valve body, lower, 3 ports, welding ends	9613139516	9613139518	9613139520	9613139522	9613139524
Valve Plug							
23	1	Plug, shut-off, complete, EPDM (standard)	9613161902	9613161903	9613161904	9613161905	9613138806
	1	Plug, shut-off, complete, HNBR	9613161908	9613161909	9613161910	9613161911	9613138818
	1	Plug, shut-off, complete, FPM	9613161914	9613161915	9613161916	9613161917	9613138830
23.1	1	Plug, shut-off	9613159001	9613159101	9613159201	9613159301	9613139806
23.2♦	1	Plug seal, EPDM (standard)					
	1	Plug seal, HNBR					
	1	Plug seal, FPM					
			1½"	2"	2½"	3"	4"

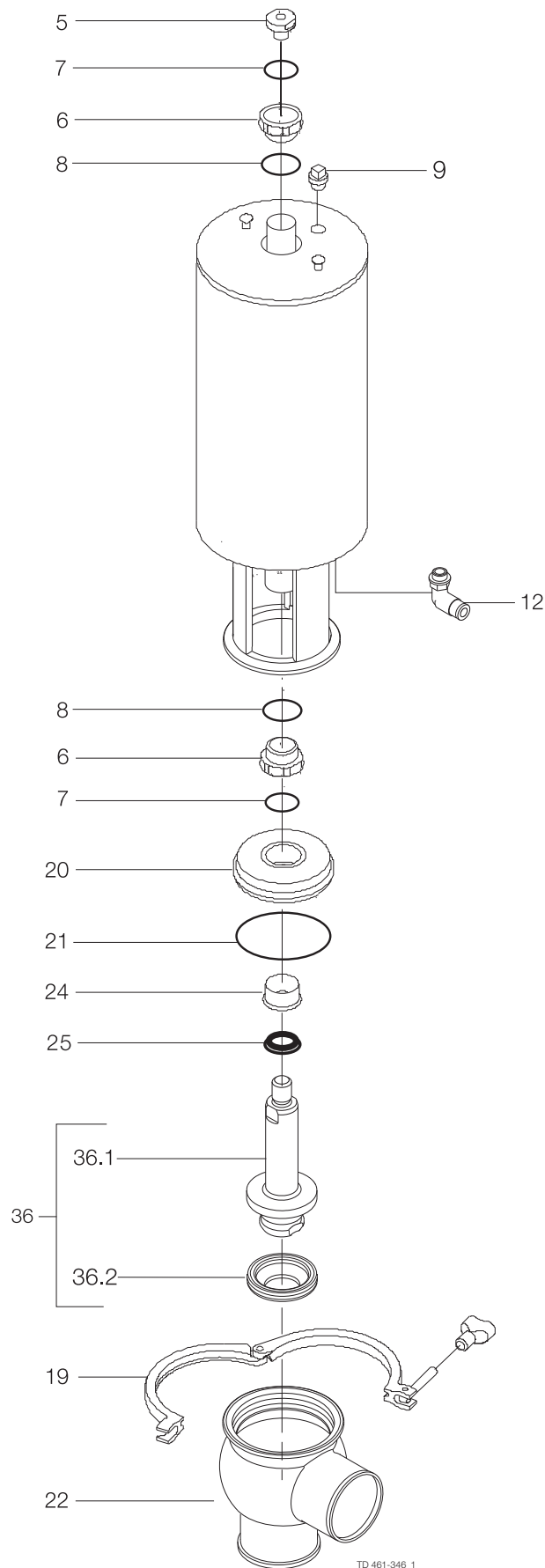
Actuator							
□		Service kit	9611926500	9611926500	9611926500	9611926500	9611926500

Product wetted parts							
♦		Service kit, EPDM	9611926502	9611926503	9611926504	9611926505	9611926506
♦		Service kit, HNBR	9611926508	9611926509	9611926510	9611926511	9611926512
♦		Service kit, FPM	9611926514	9611926515	9611926516	9611926517	9611926518

Parts marked with □ are included in the service kits (actuator).

Parts marked with ♦ are included in the service kits (product wetted parts).

Recommended spare parts: Service kits.

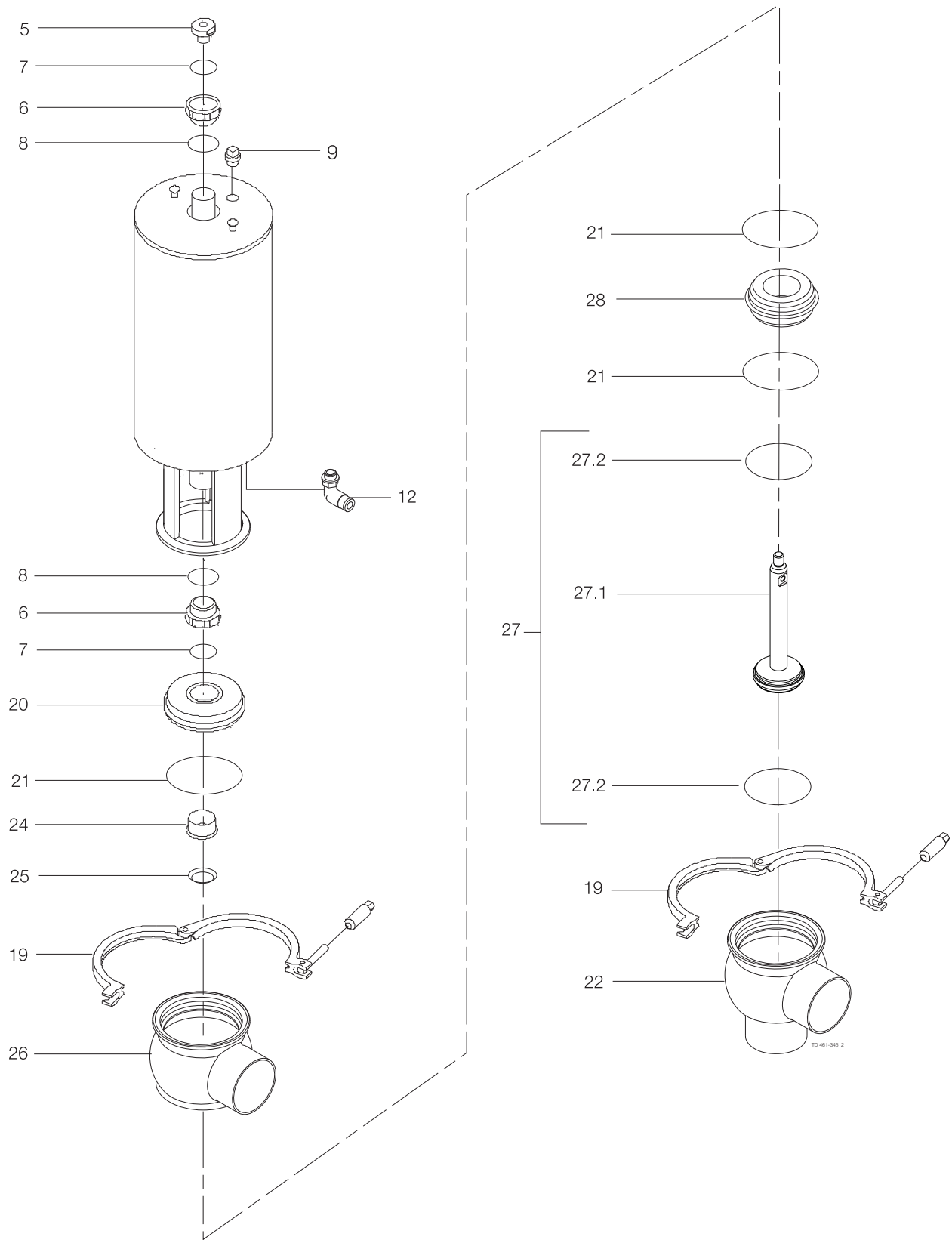


Pos	Qty	Denomination	1½"	2"	2½"	3"	4"
Actuator							
		Actuator, complete (NO)	9613154846	9613154847	9613154848	9613154849	9613154850
		Actuator, complete (NC)	9613154851	9613154852	9613154853	9613154854	9613154855
		Actuator, complete (A/A)	9613154856	9613154857	9613154858	9613154859	9613154860
5	1	Adapter, plastic (- 0115)					
	1	Adapter, steel (0115 - 0518)					
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701
6	□	Bushing					
7	□	O-ring					
8	□	O-ring					
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682	9611994682
Clamp							
19	1	Clamp	9612939316	9612939317	9612939318	9612939319	9612939320
Bonnet							
20	1	Bonnet	9613127102	9613127103	9613127104	9613127105	9613127106
21	♦	O-ring, EPDM (standard)					
	1	O-ring, HNBR					
	1	O-ring, FPM					
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
25	♦	Lip seal, EPDM (standard)					
	1	Lip seal, HNBR					
	1	Lip seal, FPM					
Valve Body							
22	1	Valve body, lower, 2 ports, clamp	9613161603	9613161605	9613161607	9613161609	9613161611
	1	Valve body, lower, 3 ports, clamp	9613161604	9613161606	9613161608	9613161610	9613161612
	1	Valve body, lower, 2 ports, welding ends	9613139515	9613139517	9613139519	9613139521	9613139523
	1	Valve body, lower, 3 ports, welding ends	9613139516	9613139518	9613139520	9613139522	9613139524
Valve Plug							
36	1	Plug, shut-off, complete	9613161702	9613161703	9613161704	9613161705	9613155806
36.1	1	Plug, shut-off	9613155201	9613147501	9613147601	9613147701	9613151105
36.2♦	1	Plug seal, PTFE					
			1½"	2"	2½"	3"	4"

Actuator							
□		Service kit	9611926500	9611926500	9611926500	9611926500	9611926500
Product wetted parts							
♦		Service kit, EPDM	9611926561	9611926562	9611926563	9611926564	9611926565
♦		Service kit, HNBR	9611926566	9611926567	9611926568	9611926569	9611926570
♦		Service kit, FPM	9611926571	9611926572	9611926573	9611926574	9611926575

Parts marked with □ are included in the service kits (actuator).
 Parts marked with ♦ are included in the service kits (product wetted parts).

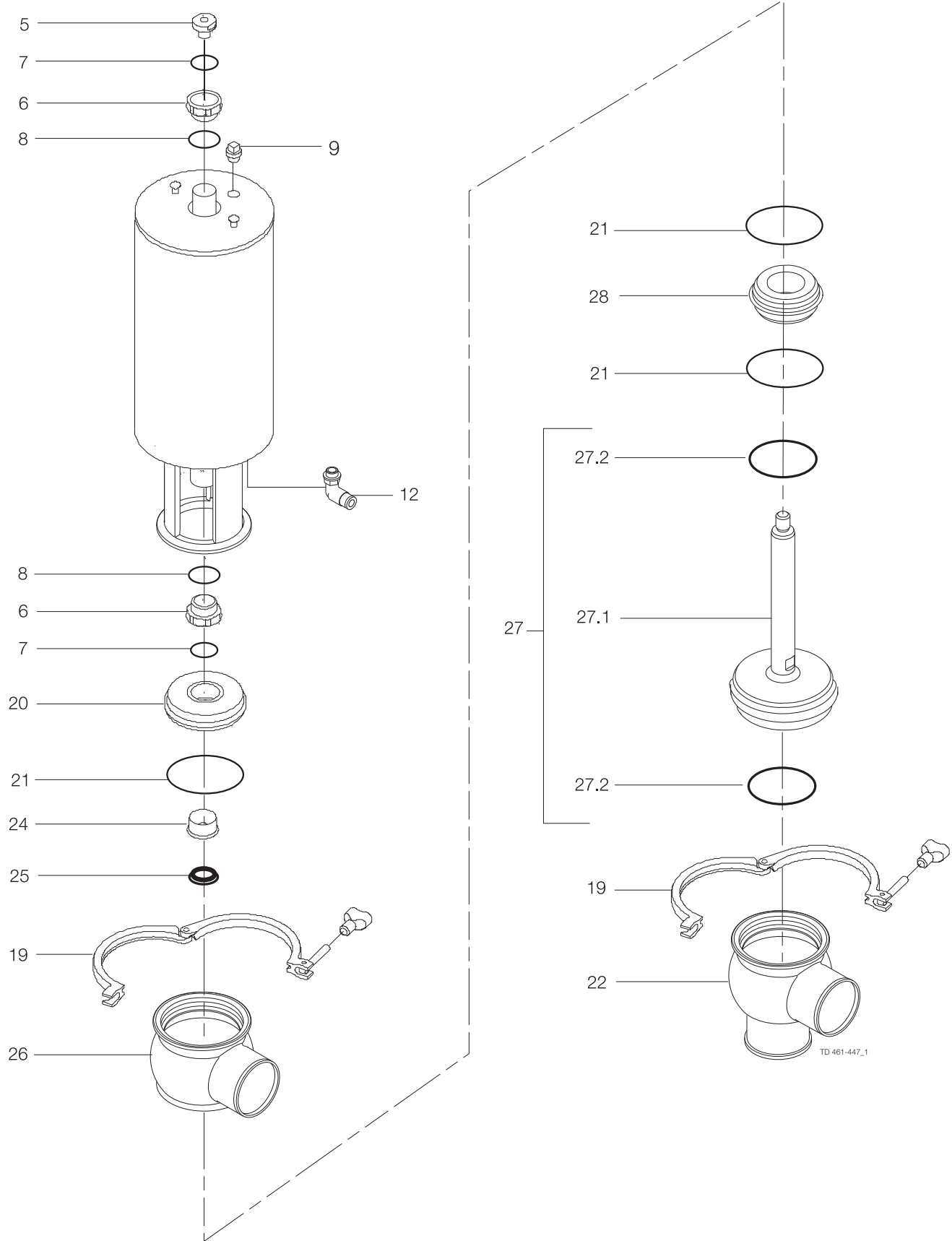
Recommended spare parts: Service kits.



Pos	Qty	Denomination	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76.1 mm	DN 100 101.6 mm
Actuator							
		Actuator, complete (NO)	9613154816	9613154817	9613154818	9613154819	9613154820
		Actuator, complete (NC)	9613154821	9613154822	9613154823	9613154824	9613154825
		Actuator, complete (A/A)	9613154826	9613154827	9613154828	9613154829	9613154830
5	1	Adapter, plastic (- 0115)					
	1	Adapter, steel (0115 - 0518)					
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701
6	□	Bushing					
7	□	O-ring					
8	□	O-ring					
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611991988	9611991988	9611991988	9611991988	9611991988
Clamp							
19	2	Clamp	9612939303	9612939304	9612939305	9612939306	9612939307
Bonnet							
20	1	Bonnet	9613127102	9613127103	9613127104	9613127105	9613127106
21	♦	O-ring, EPDM (standard)					
	3	O-ring, HNBR					
	3	O-ring, FPM					
		O-ring set (10 pcs.) EPDM	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring set (10 pcs.) HNBR	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring set (10 pcs.) FPM	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
25	♦	Lip seal, EPDM (standard)					
	1	Lip seal, HNBR					
	1	Lip seal, FPM					
		Lip seal set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419
		Lip seal set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420
		Lip seal set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421
28	1	Seat	9613127502	9613127503	9613127504	9613127505	9613127506
Valve Body							
26	1	Valve body, upper, 1 port ISO	9613139303	9613139305	9613139307	9613139309	9613139311
	1	Valve body, upper, 2 ports ISO	9613139304	9613139306	9613139308	9613139310	9613139312
	1	Valve body, upper, 1 port DIN	9613139403	9613139405	9613139407	9613139409	9613139411
	1	Valve body, upper, 2 ports DIN	9613139404	9613139406	9613139408	9613139410	9613139412
22	1	Valve body, lower, 2 ports ISO	9613139503	9613139505	9613139507	9613139509	9613139511
	1	Valve body, lower, 3 ports ISO	9613139504	9613139506	9613139508	9613139510	9613139512
	1	Valve body, lower, 2 ports DIN	9613139603	9613139605	9613139607	9613139609	9613139611
	1	Valve body, lower, 3 ports DIN	9613139604	9613139606	9613139608	9613139610	9613139612
Valve Plug							
27	1	Plug, change-over, ISO/DIN comp., EPDM (std)	9613162002	9613162003	9613162004	9613162005	9613162006
	1	Plug, change-over, ISO/DIN comp., HNBR	9613162008	9613162009	9613162010	9613162011	9613162012
	1	Plug, change-over, ISO/DIN comp., FPM	9613162014	9613162015	9613162016	9613162017	9613162018
27.1	1	Plug, change-over, ISO/DIN	9613159401	9613159501	9613159601	9613159701	9613159801
27.2♦	2	Plug seal, EPDM (standard)					
	2	Plug seal, HNBR					
	2	Plug seal, FPM					
		Plug seal set (10 pcs.) EPDM	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal set (10 pcs.) HNBR	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal set (10 pcs.) FPM	9614059406	9614059409	9614059412	9614059415	9614059418
<hr/>							
Service kit for actuator							
□		Service kit	9611926500	9611926500	9611926500	9611926500	9611926500
Service kit for product wetted parts, standard							
♦		Service kit, EPDM	9611926580	9611926581	9611926582	9611926583	9611926584
♦		Service kit, HNBR	9611926586	9611926587	9611926588	9611926589	9611926590
♦		Service kit, FPM	9611926592	9611926593	9611926594	9611926595	9611926596

Parts marked with □♦ are included in the service kits.

Recommended spare parts: Service kits.



Pos	Qty	Denomination	1½"	2"	2½"	3"	4"
Actuator							
		Actuator, complete (NO)	9613154846	9613154847	9613154848	9613154849	9613154850
		Actuator, complete (NC)	9613154851	9613154852	9613154853	9613154854	9613154855
	0	Actuator, complete (A/A)	9613154856	9613154857	9613154858	9613154859	9613154860
5	1	Adapter, plastic (- 0115)	9613127401	9613127401	9613127401	9613127401	9613127401
	1	Adapter, steel (0115 - 0518)	9614065301	9614065301	9614065301	9614065301	9614065301
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701
6	□	Bushing					
7	□	O-ring					
8	□	O-ring					
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682	9611994682
Clamp							
19	2	Clamp	9612939316	9612939317	9612939318	9612939319	9612939320
Bonnet							
20	1	Bonnet	9613127102	9613127103	9613127104	9613127105	9613127106
21	♦	3 O-ring, EPDM (standard)					
		3 O-ring, HNBR					
		3 O-ring, FPM					
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
25	♦	1 Lip seal, EPDM (standard)					
		1 Lip seal, HNBR					
		1 Lip seal, FPM					
Seat							
28	1	Seat	9613127502	9613127503	9613127504	9613127505	9613127506
Valve Body							
26	1	Valve body, upper, 1 ports, clamp	9613161503	9613161505	9613161507	9613161509	9613161511
	1	Valve body, upper, 2 ports, clamp	9613161504	9613161506	9613161508	9613161510	9613161512
	1	Valve body, upper, 1 ports, welding ends	9613139315	9613139317	9613139319	9613139321	9613139323
	1	Valve body, upper, 2 ports, welding ends	9613139316	9613139318	9613139320	9613139322	9613139324
22	1	Valve body, lower, 2 ports, clamp	9613161603	9613161605	9613161607	9613161609	9613161611
	1	Valve body, lower, 3 ports, clamp	9613161604	9613161606	9613161608	9613161610	9613161612
	1	Valve body, lower, 2 ports, welding ends	9613139515	9613139517	9613139519	9613139521	9613139523
	1	Valve body, lower, 3 ports, welding ends	9613139516	9613139518	9613139520	9613139522	9613139524
Valve Plug							
27	1	Plug, change-over, complete, EPDM (standard)	9613162002	9613162003	9613162004	9613162005	9613162006
	1	Plug, change-over, complete, HNBR	9613162008	9613162009	9613162010	9613162011	9613162012
	1	Plug, change-over, complete, FPM	9613162014	9613162015	9613162016	9613162017	9613162018
27.1	1	Plug, change-over	9613159401	9613159501	9613159601	9613159701	9613159801
27.2♦	2	Plug seal, EPDM (standard)					
	2	Plug seal, HNBR					
	2	Plug seal, FPM					
			1½"	2"	2½"	3"	4"

Actuator

□	Service kit	9611926500	9611926500	9611926500	9611926500	9611926500
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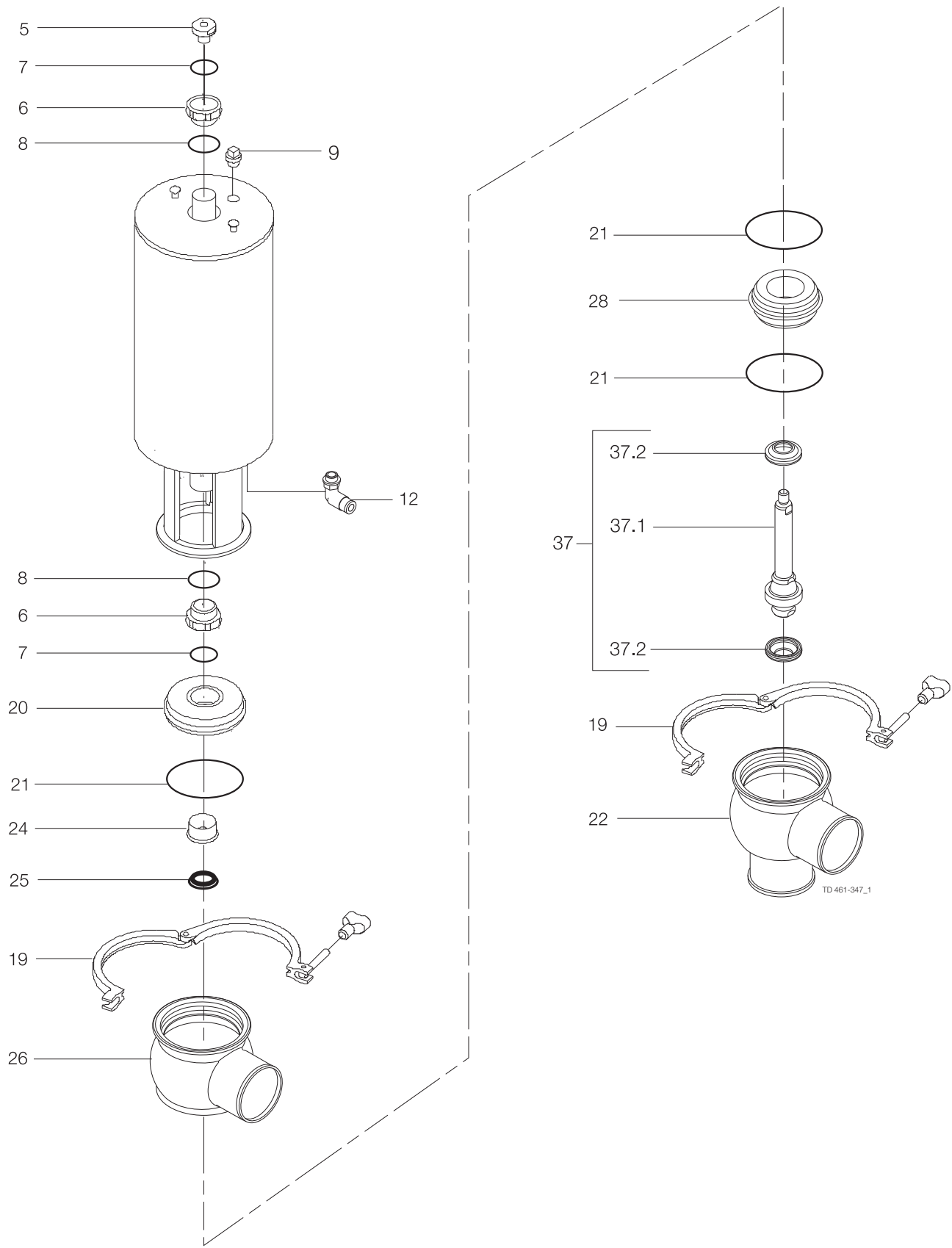
Product wetted parts

♦	Service kit, EPDM	9611926580	9611926581	9611926582	9611926583	9611926584
♦	Service kit, HNBR	9611926586	9611926587	9611926588	9611926589	9611926590
♦	Service kit, FPM	9611926592	9611926593	9611926594	9611926595	9611926596

Parts marked with □ are included in the service kits (actuator).

Parts marked with ♦ are included in the service kits (product wetted parts).

Recommended spare parts: Service kits.



Pos	Qty	Denomination	1½"	2"	2½"	3"	4"
Actuator							
		Actuator, complete (NO)	9613154846	9613154847	9613154848	9613154849	9613154850
		Actuator, complete (NC)	9613154851	9613154852	9613154853	9613154854	9613154855
		Actuator, complete (A/A)	9613154856	9613154857	9613154858	9613154859	9613154860
5	1	Adapter, plastic (- 0115)					
	1	Adapter, steel (0115 - 0518)					
	1	Adapter, steel (0518 -)	9615344701	9615344701	9615344701	9615344701	9615344701
6	□ 2	Bushing					
7	□ 2	O-ring					
8	□ 2	O-ring					
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682	9611994682
Clamp							
19	2	Clamp	9612939316	9612939317	9612939318	9612939319	9612939320
Bonnet							
20	1	Bonnet	9613127102	9613127103	9613127104	9613127105	9613127106
21	♦ 3	O-ring, EPDM (standard)					
	3	O-ring, HNBR					
	3	O-ring, FPM					
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
25	♦ 1	Lip seal, EPDM (standard)					
	1	Lip seal, HNBR					
	1	Lip seal, FPM					
Seat							
28	1	Seat	9613127502	9613127503	9613127504	9613127505	9613127506
Valve Body							
26	1	Valve body, upper, 1 ports, clamp	9613161503	9613161505	9613161507	9613161509	9613161511
	1	Valve body, upper, 2 ports, clamp	9613161504	9613161506	9613161508	9613161510	9613161512
	1	Valve body, upper, 1 ports, welding ends	9613139315	9613139317	9613139319	9613139321	9613139323
	1	Valve body, upper, 2 ports, welding ends	9613139316	9613139318	9613139320	9613139322	9613139324
22	1	Valve body, lower, 2 ports, clamp	9613161603	9613161605	9613161607	9613161609	9613161611
	1	Valve body, lower, 3 ports, clamp	9613161604	9613161606	9613161608	9613161610	9613161612
	1	Valve body, lower, 2 ports, welding ends	9613139515	9613139517	9613139519	9613139521	9613139523
	1	Valve body, lower, 3 ports, welding ends	9613139516	9613139518	9613139520	9613139522	9613139524
Valve Plug							
37	1	Plug, change-over, complete	9613161802	9613161803	9613161804	9613161805	9613161806
37.1	1	Plug, change-over	9613157501	9613157601	9613157701	9613157801	9613157901
37.2♦	2	Plug seal, PTFE					
			1½"	2"	2½"	3"	4"

Actuator

□	Service kit	9611926500	9611926500	9611926500	9611926500	9611926500
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Product wetted parts

♦	Service kit, EPDM	9611926633	9611926634	9611926635	9611926636	9611926637
♦	Service kit, HNBR	9611926638	9611926639	9611926640	9611926641	9611926642
♦	Service kit, FPM	9611926643	9611926644	9611926645	9611926646	9611926647

Parts marked with □ are included in the service kits (actuator).

Parts marked with ♦ are included in the service kits (product wetted parts)

Recommended spare parts: Service kits.

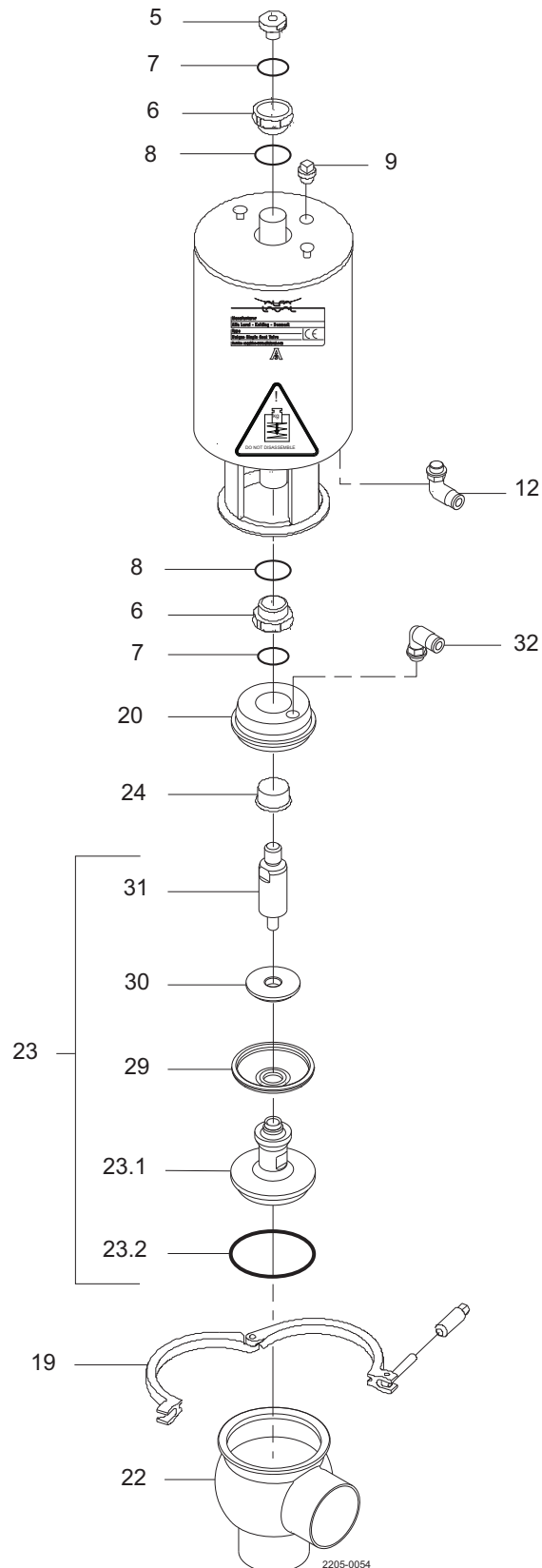
If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



Pos	Qty	Denomination	DN 25 25 mm	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76.1 mm	DN 100 101.6 mm
Actuator								
		Actuator, complete (NO)	9613154801	9613154801	9613154802	9613154803	9613154804	9613154805
		Actuator, complete (NC)	9613154806	9613154806	9613154807	9613154808	9613154809	9613154810
		Actuator, complete (A/A)	9613154811	9613154811	9613154812	9613154813	9613154814	9613154815
5	1	Adapter, plastic (- 0115)						
	1	Adapter, steel (0115 - 0518)						
	1	Adapter, steel (0518 -)	9615344701	9615344701	9615344701	9615344701	9615344701	9615344701
6	□ 2	Bushing						
7	□ 2	O-ring						
8	□ 2	O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611991988	9611991988	9611991988	9611991988	9611991988	9611991988
Clamp								
19	1	Clamp	9612939303	9612939303	9612939304	9612939305	9612939306	9612939307
Bonnet								
20	1	Bonnet	9613142701	9613142701	9613142801	9613142901	9613143001	9613143101
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
Valve Body								
22	1	Valve body, 2 ports ISO	9613139501	9613139503	9613139505	9613139507	9613139509	9613139511
	1	Valve body, 3 ports ISO	9613139502	9613139504	9613139506	9613139508	9613139510	9613139512
	1	Valve body, 2 ports DIN	9613139601	9613139603	9613139605	9613139607	9613139609	9613139611
	1	Valve body, 3 ports DIN	9613139602	9613139604	9613139606	9613139608	9613139610	9613139612
Valve Plug								
23	1	Plug, shut-off, ISO, complete, EPDM (standard)	9613159901	9613159902	9613159903	9613159904	9613159905	9613159906
	1	Plug, shut-off, ISO, complete, HNBR	9613159913	9613159914	9613159915	9613159916	9613159917	9613159918
	1	Plug, shut-off, ISO, complete, FPM	9613159925	9613159926	9613159927	9613159928	9613159929	9613159930
	1	Plug, shut-off, DIN, complete, EPDM (standard)	9613159907	9613159908	9613159909	9613159910	9613159911	9613159912
	1	Plug, shut-off, DIN, complete, HNBR	9613159919	9613159920	9613159921	9613159922	9613159923	9613159924
	1	Plug, shut-off, DIN, complete, FPM	9613159931	9613159932	9613159933	9613159934	9613159935	9613159936
23.1	1	Plug, shut-off, ISO	9613143501	9613144501	9613143401	9613143402	9613143403	9613143404
	1	Plug, shut-off, DIN	9613143502	9613144502	9613143405	9613143406	9613143407	9613143408
23.2♦	1	Plug seal, EPDM (standard)						
	1	Plug seal, HNBR						
	1	Plug seal, FPM						
	1	Plug seal set (10 pcs.) EPDM	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
	1	Plug seal set (10 pcs.) HNBR	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
	1	Plug seal set (10 pcs.) FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418
29 ♦	1	Diaphragm						
	1	Diaphragm set (10 pcs.)	9614059437	9614059437	9614059438	9614059439	9614059440	9614059441
30	1	Disc for diaphragm	9613144001	9613144001	9613144101	9613144201	9613144301	9613144301
31	1	Upper spindle	9613144601	9613144601	9613143302	9613143302	9613143301	9613143301
32	1	Air fitting	9611994877	9611994877	9611991988	9611991988	9611991988	9611991988
			DN 25	DN 40	DN 50	DN 65	DN 80	DN 100
			25 mm	38 mm	51 mm	63.5 mm	76.1 mm	101.6 mm

Service kit for actuator

□	Service kit	9611926500	9611926500	9611926500	9611926500	9611926500	9611926500	9611926500
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Service kit for product wetted parts, standard

♦	Service kit, EPDM	9611926543	9611926544	9611926545	9611926546	9611926547	9611926548
♦	Service kit, HNBR	9611926549	9611926550	9611926551	9611926552	9611926553	9611926554
♦	Service kit, FPM	9611926555	9611926556	9611926557	9611926558	9611926559	9611926560

Parts marked with □♦ are included in the service kits.

Recommended spare parts: Service kits.

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger.

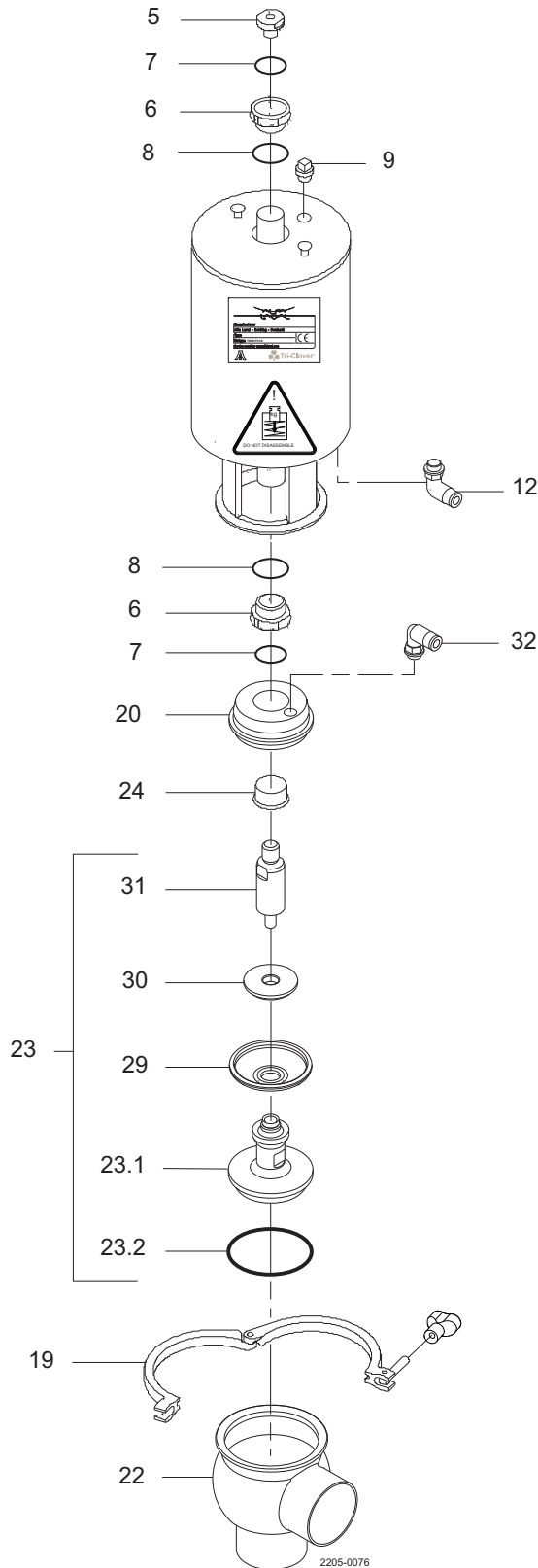


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



Single seat valves

Unique SSV, aseptic, shut-off (US version)

Pos	Qty	Denomination	1"	1½"	2"	2½"	3"	4"
Actuator								
		Actuator, complete (NO)	9613154831	9613154831	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (NC)	9613154836	9613154836	9613154837	9613154838	9613154839	9613154840
		Actuator, complete (A/A)	9613154841	9613154841	9613154842	9613154843	9613154844	9613154845
5	1	Adapter, plastic (- 0115)						
	1	Adapter, steel (0115 - 0518)						
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701	9615374701
6	□ 2	Bushing						
7	□ 2	O-ring						
8	□ 2	O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682	9611994682	9611994682
Clamp								
19	1	Clamp	9612939316	9612939316	9612939317	9612939318	9612939319	9612939320
Bonnet								
20	1	Bonnet	9613142701	9613142701	9613142801	9613142901	9613143001	9613143101
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
Valve Body								
22	1	Valve body, lower, 2 ports, clamp	9613139513	9613139515	9613139517	9613139519	9613139521	9613139523
	1	Valve body, lower, 3 ports, clamp	9613139514	9613139516	9613139518	9613139520	9613139522	9613139524
	1	Valve body, lower, 2 ports, welding ends	9613161601	9613161603	9613161605	9613161607	9613161609	9613161611
	1	Valve body, lower, 3 ports, welding ends	9613161602	9613161604	9613161606	9613161608	9613161610	9613161612
Valve Plug								
23	1	Plug, shut-off, complete, EPDM (standard)	9613159901	9613159902	9613159903	9613159904	9613159905	9613159906
	1	Plug, shut-off, complete, HNBR	9613159913	9613159914	9613159915	9613159916	9613159917	9613159918
	1	Plug, shut-off, complete, FPM	9613159925	9613159926	9613159927	9613159928	9613159929	9613159930
23.1	1	Plug, shut-off	9613143501	9613144501	9613143401	9613143402	9613143403	9613143404
23.2♦	1	Plug seal, EPDM (standard)						
	1	Plug seal, HNBR						
	1	Plug seal, FPM						
23.2	1	Plug seal, set (10 pcs.) EPDM	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
	1	Plug seal, set (10 pcs.) HNBR	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
	1	Plug seal, set (10 pcs.) FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418
29 ♦	1	Diaphragm						
	1	Diaphragm, set (10 pcs.)	9614059437	9614059437	9614059438	9614059439	9614059440	9614059441
30	1	Disc for diaphragm	9613144001	9613144001	9613144101	9613144201	9613144301	9613144301
31	1	Upper spindle	9613144601	9613144601	9613143302	9613143302	9613143301	9613143301
32	1	Air fitting	9611994877	9611994877	9611994682	9611994682	9611994682	9611994682
			1"	1½"	2"	2½"	3"	4"

Actuator								
□		Service kit	9611926500	9611926500	9611926500	9611926500	9611926500	9611926500
Product wetted parts								
♦		Service kit, EPDM	9611926543	9611926544	9611926545	9611926546	9611926547	9611926548
♦		Service kit, HNBR	9611926549	9611926550	9611926551	9611926552	9611926553	9611926554
♦		Service kit, FPM	9611926555	9611926556	9611926557	9611926558	9611926559	9611926560

Parts marked with □ are included in the service kits (actuator).
 Parts marked with ♦ are included in the service kits (product wetted parts).

Recommended spare parts: Service kits.

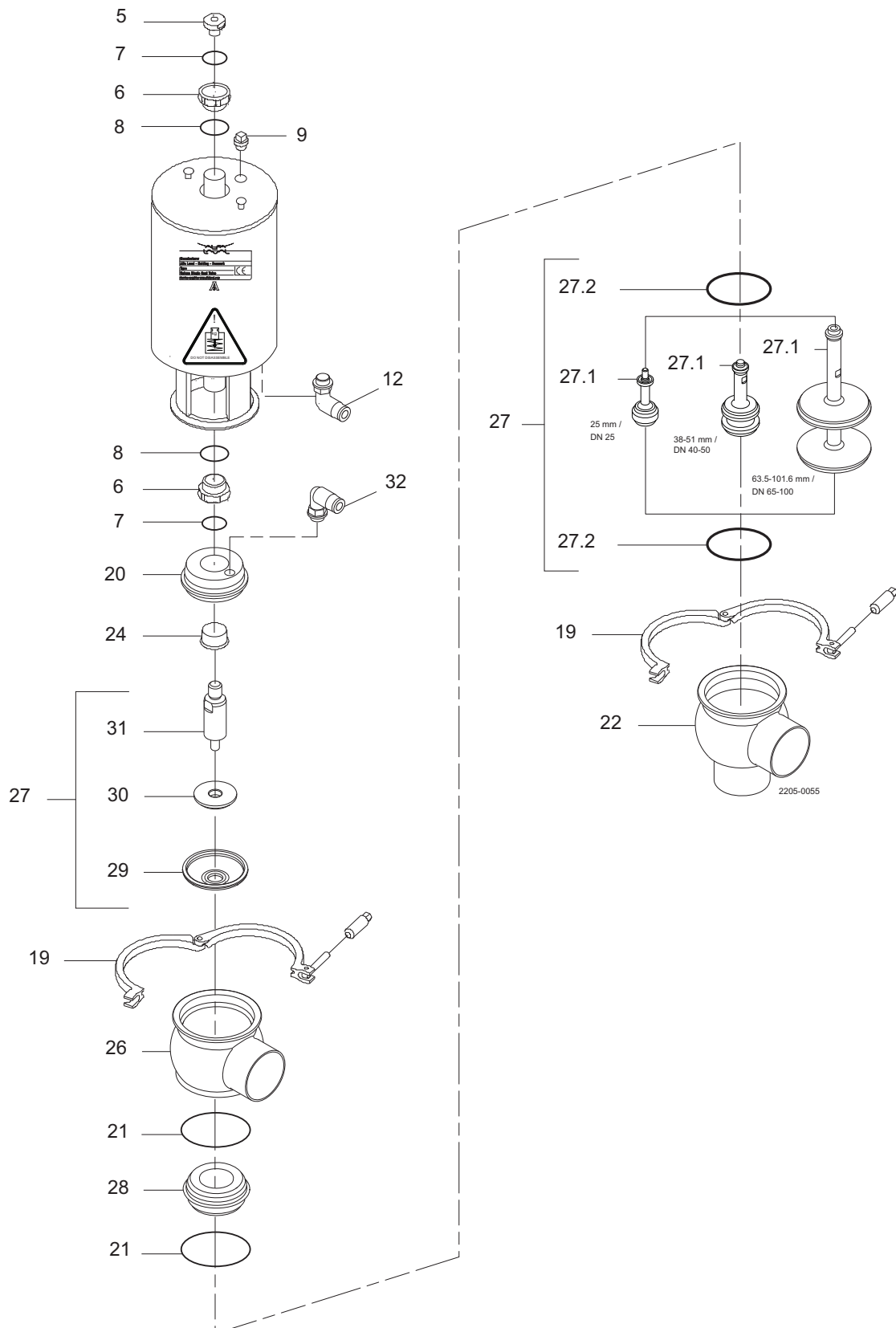
If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



Pos	Qty	Denomination	DN 25 25 mm	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76.1 mm	DN 100 101.6 mm
Actuator								
		Actuator, complete (NO)	9613154801	9613154801	9613154802	9613154803	9613154804	9613154805
		Actuator, complete (NC)	9613154806	9613154806	9613154807	9613154808	9613154809	9613154810
		Actuator, complete (A/A)	9613154811	9613154811	9613154812	9613154813	9613154814	9613154815
5	1	Adapter, plastic (- 0115)						
	1	Adapter, steel (0115 - 0518)						
	1	Adapter, steel (0518 -)	9615344701	9615344701	9615344701	9615344701	9615344701	9615344701
6	□	Bushing						
7	□	O-ring						
8	□	O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611991988	9611991988	9611991988	9611991988	9611991988	9611991988
Clamp								
19	2	Clamp	9612939303	9612939303	9612939304	9612939305	9612939306	9612939307
Bonnet								
20	1	Bonnet	9613142701	9613142701	9613142801	9613142901	9613143001	9613143101
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
Seat								
21	♦	2 O-ring, EPDM (standard)						
		2 O-ring, NBR						
		2 O-ring, FPM						
		O-ring set (10 pcs.) EPDM	9614059422	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring set (10 pcs.) HNBR	9614059423	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring set (10 pcs.) FPM	9614059424	9614059424	9614059427	9614059430	9614059433	9614059436
28	1	Seat	9613127501	9613127502	9613127503	9613127504	9613127505	9613127506
Valve Body								
26	1	Valve body, upper, 1 port ISO	9613139301	9613139303	9613139305	9613139307	9613139309	9613139311
	1	Valve body, upper, 2 ports ISO	9613139302	9613139304	9613139306	9613139308	9613139310	9613139312
	1	Valve body, upper, 1 port DIN	9613139401	9613139403	9613139405	9613139407	9613139409	9613139411
	1	Valve body, upper, 2 ports DIN	9613139402	9613139404	9613139406	9613139408	9613139410	9613139412
22	1	Valve body, lower, 2 ports ISO	9613139501	9613139503	9613139505	9613139507	9613139509	9613139511
	1	Valve body, lower, 3 ports ISO	9613139502	9613139504	9613139506	9613139508	9613139510	9613139512
	1	Valve body, lower, 2 ports DIN	9613139601	9613139603	9613139605	9613139607	9613139609	9613139611
	1	Valve body, lower, 3 ports DIN	9613139602	9613139604	9613139606	9613139608	9613139610	9613139612
Valve Plug								
27	1	Plug, change-over, ISO complete, EPDM (standard)	9613160001	9613160002	9613160003	9613160004	9613160005	9613160006
	1	Plug, change-over, ISO complete, HNBR	9613160013	9613160014	9613160015	9613160016	9613160017	9613160018
	1	Plug, change-over, ISO complete, FPM	9613160025	9613160026	9613160027	9613160028	9613160029	9613160030
	1	Plug, change-over, DIN complete, EPDM (standard)	9613160007	9613160008	9613160009	9613160010	9613160011	9613160012
	1	Plug, change-over, DIN complete, HNBR	9613160019	9613160020	9613160021	9613160022	9613160023	9613160024
	1	Plug, change-over, DIN complete, FPM	9613160031	9613160032	9613160033	9613160034	9613160035	9613160036
27.1	1	Plug, change-over, ISO	9613143601	9613143901	9613143902	9613143903	9613143904	9613143905
	1	Plug, change-over, DIN	9613143602	9613143906	9613143907	9613143908	9613143909	9613143910
27.2♦	2	Plug seal, EPDM (standard)						
	2	Plug seal, HNBR						
	2	Plug seal, FPM						
		Plug seal set (10 pcs.) EPDM	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal set (10 pcs.) HNBR	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal set (10 pcs.) EPDM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418
29	♦	1 Diaphragm						
		1 Diaphragm set (10 pcs.)	9614059437	9614059437	9614059438	9614059439	9614059440	9614059441
30	1	Disc for diaphragm	9613144001	9613144001	9613144101	9613144201	9613144301	9613144301
31	1	Upper spindle	9613144601	9613144601	9613143302	9613143302	9613143301	9613143301
32	1	Air fitting	9611994877	9611994877	9611991988	9611991988	9611991988	9611991988

Service kit for actuator

□	Service kit	9611926500	9611926500	9611926500	9611926500	9611926500	9611926500	9611926500
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Service kit for product wetted parts, standard

♦	Service kit, EPDM	9611926615	9611926616	9611926617	9611926618	9611926619	9611926620
♦	Service kit, HNBR	9611926621	9611926622	9611926623	9611926624	9611926625	9611926626
♦	Service kit, FPM	9611926627	9611926628	9611926629	9611926630	9611926631	9611926632

Parts marked with □♦ are included in the service kits. Recommended spare parts: Service kits. TD 900-354/5

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger.

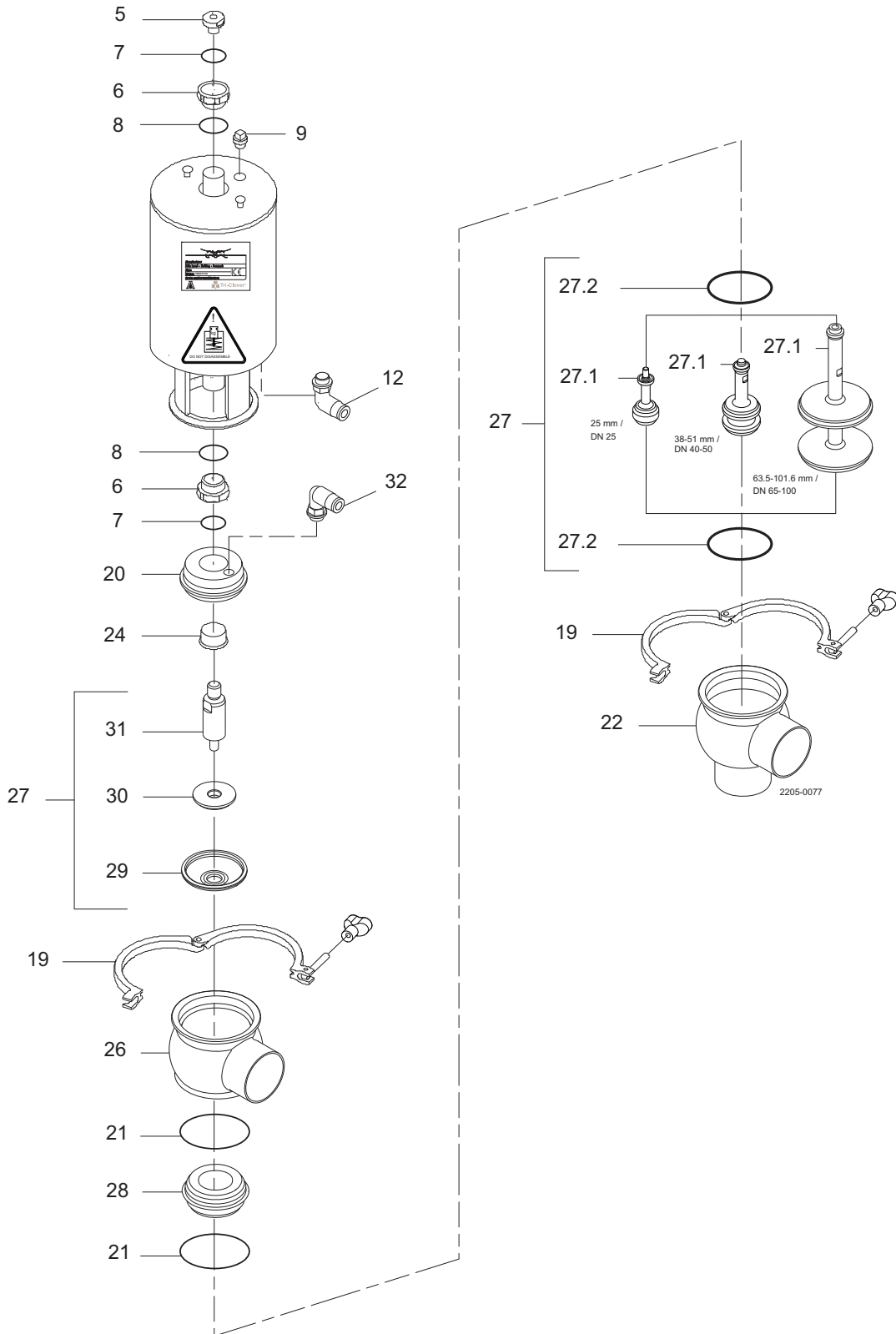


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



Pos	Qty	Denomination	1"	1½"	2"	2½"	3"	4"
Actuator								
		Actuator, complete (NO)	9613154831	9613154831	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (NC)	9613154836	9613154836	9613154837	9613154838	9613154839	9613154840
		Actuator, complete (A/A)	9613154841	9613154841	9613154842	9613154843	9613154844	9613154845
5	1	Adapter, plastic (- 0115)						
	1	Adapter, steel (0115 - 0518)						
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701	9615374701
6	□	Bushing						
7	□	O-ring						
8	□	O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682	9611994682	9611994682
Clamp								
19	2	Clamp	9612939316	9612939316	9612939317	9612939318	9612939319	9612939320
Bonnet								
20	1	Bonnet	9613142701	9613142701	9613142801	9613142901	9613143001	9613143101
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
Seat								
21	♦	O-ring, EPDM (standard)						
	2	O-ring, NBR						
	2	O-ring, FPM						
	1	O-ring, set (10 pcs.) EPDM	9614059422	9614059422	9614059425	9614059428	9614059431	9614059434
	1	O-ring, set (10 pcs.) HNBR	9614059423	9614059423	9614059426	9614059429	9614059432	9614059435
	1	O-ring, set (10 pcs.) FPM	9614059424	9614059424	9614059427	9614059430	9614059433	9614059436
28	1	Seat	9613127501	9613127502	9613127503	9613127504	9613127505	9613127506
Valve Body								
22	1	Valve body, upper, 1 ports, clamp	9613161501	9613161503	9613161505	9613161507	9613161509	9613161511
	1	Valve body, upper, 2 ports, clamp	9613161502	9613161504	9613161506	9613161508	9613161510	9613161512
26	1	Valve body, upper, 1 ports, welding ends	9613139313	9613139315	9613139317	9613139319	9613139321	9613139323
	1	Valve body, upper, 2 ports, welding ends	9613139314	9613139316	9613139318	9613139320	9613139322	9613139324
	1	Valve body, lower, 2 ports, clamp	9613161601	9613161603	9613161605	9613161607	9613161609	9613161611
	1	Valve body, lower, 3 ports, clamp	9613161602	9613161604	9613161606	9613161608	9613161610	9613161612
	1	Valve body, lower, 2 ports, welding ends	9613139513	9613139515	9613139517	9613139519	9613139521	9613139523
	1	Valve body, lower, 3 ports, welding ends	9613139514	9613139516	9613139518	9613139520	9613139522	9613139524
Valve Plug								
27	1	Plug, change-over, complete, EPDM (standard)	9613160001	9613160002	9613160003	9613160004	9613160005	9613160006
	1	Plug, change-over, complete, HNBR	9613160013	9613160014	9613160015	9613160016	9613160017	9613160018
	1	Plug, change-over, complete, FPM	9613160025	9613160026	9613160027	9613160028	9613160029	9613160030
27.1	1	Plug, change-over	9613143601	9613143901	9613143902	9613143903	9613143904	9613143905
27.2	♦	Plug seal, EPDM (standard)						
	2	Plug seal, HNBR						
	2	Plug seal, FPM						
	2	Plug seal, set (10 pcs.) EPDM	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
	2	Plug seal, set (10 pcs.) HNBR	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
	2	Plug seal, set (10 pcs.) FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418
29	♦	Diaphragm						
	1	Diaphragm, set (10 pcs.)	9614059437	9614059437	9614059438	9614059439	9614059440	9614059441
30	1	Disc for diaphragm	9613144001	9613144001	9613144101	9613144201	9613144301	9613144301
31	1	Upper spindle	9613144601	9613144601	9613143302	9613143302	9613143301	9613143301
32	1	Air fitting	9611994877	9611994877	9611994682	9611994682	9611994682	9611994682
			1"	1½"	2"	2½"	3"	4"

Actuator

□	Service kit	9611926500	9611926500	9611926500	9611926500	9611926500	9611926500	9611926500
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Product wetted parts

♦	Service kit, EPDM	9611926615	9611926616	9611926617	9611926618	9611926619	9611926620
♦	Service kit, HNBR	9611926621	9611926622	9611926623	9611926624	9611926625	9611926626
♦	Service kit, FPM	9611926627	9611926628	9611926629	9611926630	9611926631	9611926632

Parts marked with □ are included in the service kits (actuator).

Parts marked with ♦ are included in the service kits (product wetted parts).

Recommended spare parts: Service kits.

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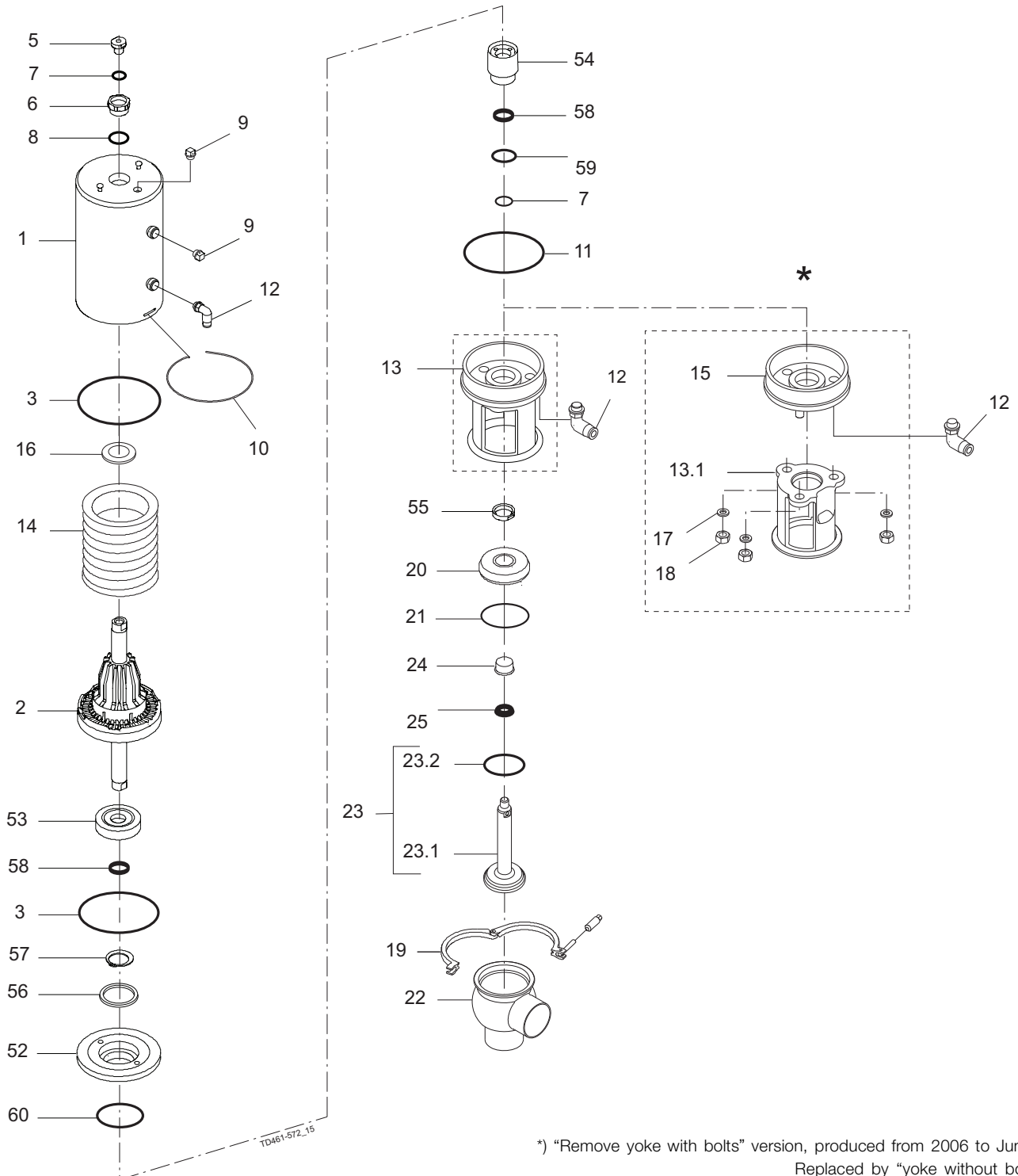
If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



*) "Remove yoke with bolts" version, produced from 2006 to June 2016.
Replaced by "yoke without bolts" (15)

Pos	Qty	Denomination	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76 mm	DN 100 101.6 mm
		Actuator, complete (NC) shut-off valve	9613185401	9613185402	9613185403	9613185404	9613185405
		Actuator, complete (NO) change-over valve	9613185429	9613185430	9613185431	9613185432	9613185433
		Actuator, complete (NC) change-over valve	9613185419	9613185420	9613185421	9613185422	9613185423
1	1	Cylinder				9613167706	9613167706
2	1	Piston	9613132304	9613132304	9613132304	9613132405	9613132405
3	□ 2	O-ring					
5	1	Adapter, plastic (- 0115)					
	1	Adapter, steel (0115 - 0518)					
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701
6	□ 1	Bushing					
7	□ 2	O-ring					
8	□ 1	O-ring					
9	2	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
10	1	Lock wire	9613143202	9613143202	9613143202	9613143203	9613143203
11	□ 1	O-ring					
12	2	Air fitting	9611991988	9611991988	9611991988	9611991988	9611991988
13	1	Yoke without bolts (0616 -)	9615245401	9613154402	9613154502	9613154603	9613154703
14	1	Spring assembly	9613132502	9613132502	9613132502	9613132503	9613132503
16	□ 1	Support disc					
52	1	Piston	9613167801	9613167801	9613167801	9613167901	9613167901
53	1	Thrust plate	9613168201	9613168201	9613168201	9613168201	9613168201
54	1	Guide	9613168001	9613168001	9613168001	9613168101	9613168101
55	1	Nut	9613168301	9613168301	9613168301	9613168301	9613168301
56	2	Spacer, (only for shut-off valve)	9613168402				
	3	Spacer, (only for shut-off valve)		9613168402	9613168402	9613168402	9613168402
	1	Spacer, (only for shut-off valve)		9613168401	9613168401		
	2	Spacer, (only for shut-off valve)				9613168401	9613168401
57	1	Lock ring	51997509	51997509	51997509	51997509	51997509
58	2	Guide ring	9613008424	9613008424	9613008424	9613008424	9613008424
59	□ 1	O-ring					
60	□ 1	O-ring					

Removeable yoke with bolts - OBSOLETE

use position 13

13.1	1	Yoke (- 0616)					
15	1	Bottom (- 0616)					
17	3	Washer (- 0616)					
18	3	Nut (- 0616)					

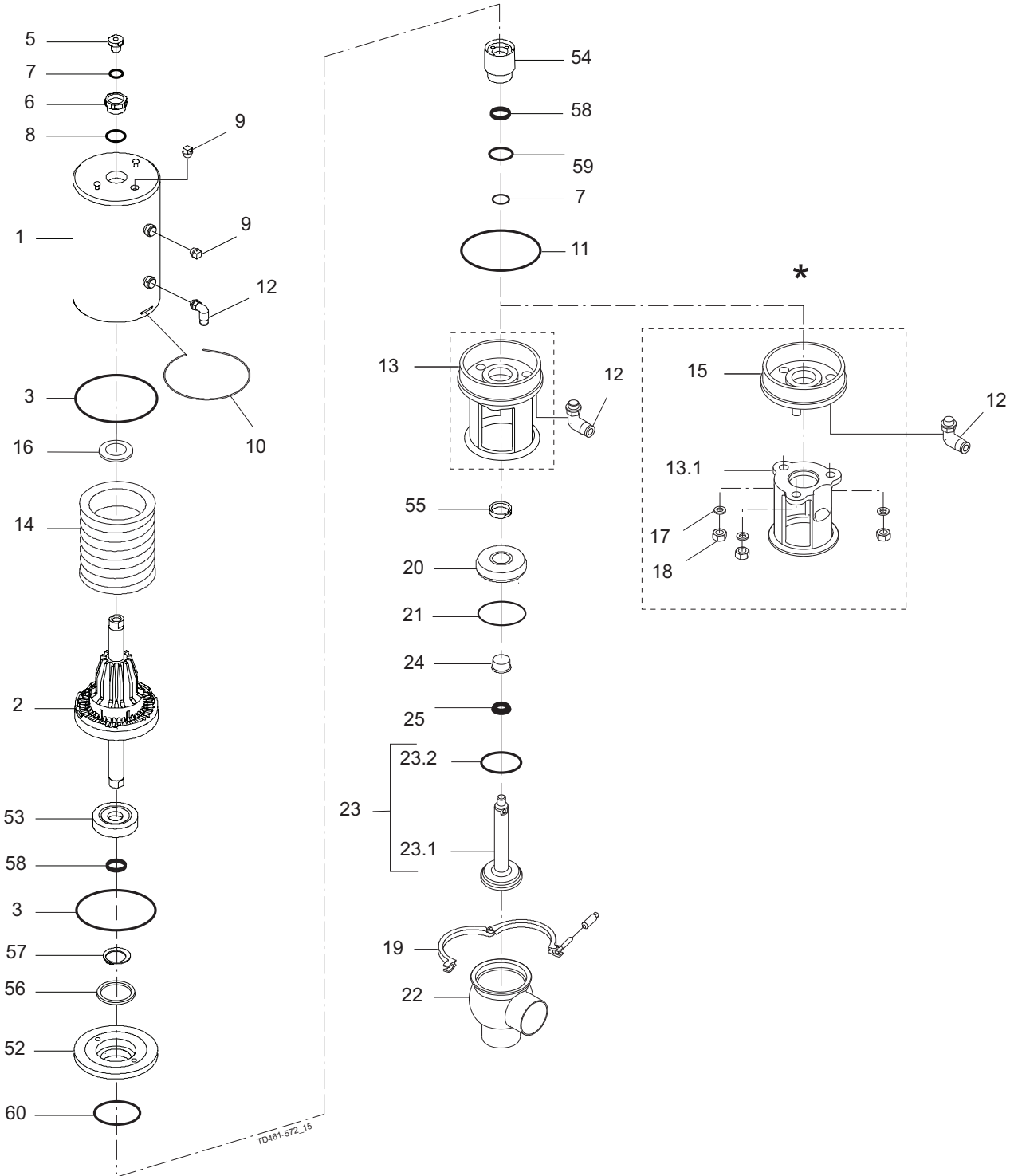
If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



*) "Remove yoke with bolts" version, produced from 2006 to June 2016.
Replaced by "yoke without bolts" (13)

Pos	Qty	Denomination	DN 40	DN 50	DN 65	DN 80	DN 100
			38 mm	51 mm	63.5 mm	76 mm	101.6 mm
Clamp							
19	1	Clamp	9612939303	9612939304	9612939305	9612939306	9612939307
Bonnet							
20	1	Bonnet	9613127102	9613127103	9613127104	9613127105	9613127106
21	♦	O-ring, EPDM (standard)					
	1	O-ring, HNBR					
	1	O-ring, FPM					
	1	O-ring, set (10 pcs.) EPDM	9614059422	9614059425	9614059428	9614059431	9614059434
	1	O-ring, set (10 pcs.) HNBR	9614059423	9614059426	9614059429	9614059432	9614059435
	1	O-ring, set (10 pcs.) FPM	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
25	♦	Lip seal, EPDM (standard)					
	1	Lip seal, HNBR					
	1	Lip seal, FPM					
	1	Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419
	1	Lip seal, set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420
	1	Lip seal, set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421
Valve Body							
22	1	Valve body, lower, 2 ports ISO	9613139503	9613139505	9613139507	9613139509	9613139511
	1	Valve body, lower, 3 ports ISO	9613139504	9613139506	9613139508	9613139510	9613139512
	1	Valve body, lower, 2 ports DIN	9613139603	9613139605	9613139607	9613139609	9613139611
	1	Valve body, lower, 3 ports DIN	9613139604	9613139606	9613139608	9613139610	9613139612
Valve Plug							
23	1	Plug, shut off, ISO, complete, EPDM (standard)	9613138802	9613138803	9613138804	9613138805	9613138806
	1	Plug, shut off, ISO, complete, HNBR	9613138814	9613138815	9613138816	9613138817	9613138818
	1	Plug, shut off, ISO, complete, FPM	9613138826	9613138827	9613138828	9613138829	9613138830
	1	Plug, shut off, DIN, complete, EPDM (standard)	9613138808	9613138809	9613138810	9613138811	9613138812
	1	Plug, shut off, DIN, complete, HNBR	9613138820	9613138821	9613138822	9613138823	9613138824
	1	Plug, shut off, DIN, complete, FPM	9613138832	9613138833	9613138834	9613138835	9613138836
23.1	1	Plug, shut off, ISO	9613139802	9613139803	9613139804	9613139805	9613139806
	1	Plug, shut off, DIN	9613139808	9613139809	9613139810	9613139811	9613139812
23.2♦	1	Plug seal, EPDM (standard)					
	1	Plug seal, HNBR					
	1	Plug seal, FPM					
	1	Plug seal, set (10 pcs.) EPDM	9614059404	9614059407	9614059410	9614059413	9614059416
	1	Plug seal, set (10 pcs.) HNBR	9614059405	9614059408	9614059411	9614059414	9614059417
	1	Plug seal, set (10 pcs.) FPM	9614059406	9614059409	9614059412	9614059415	9614059418
			DN 40	DN 50	DN 65	DN 80	DN 100
			38 mm	51 mm	63.5 mm	76 mm	101.6 mm

Service kits for actuator

□ Service kit, actuator 9611926738 9611926738 9611926738 9611926739 9611926739

Service kit for product wetted parts

Service kit, EPDM 9611926502 9611926503 9611926504 9611926505 9611926506
 Service kit, HNBR 9611926508 9611926509 9611926510 9611926511 9611926512
 Service kit, FPM 9611926514 9611926515 9611926516 9611926517 9611926518

Parts marked with □ are included in the service kits (actuator)

Parts marked with ♦ are included in the service kits (product wetted parts)

Tool for bushing (pos. 24) 9613160901

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger.

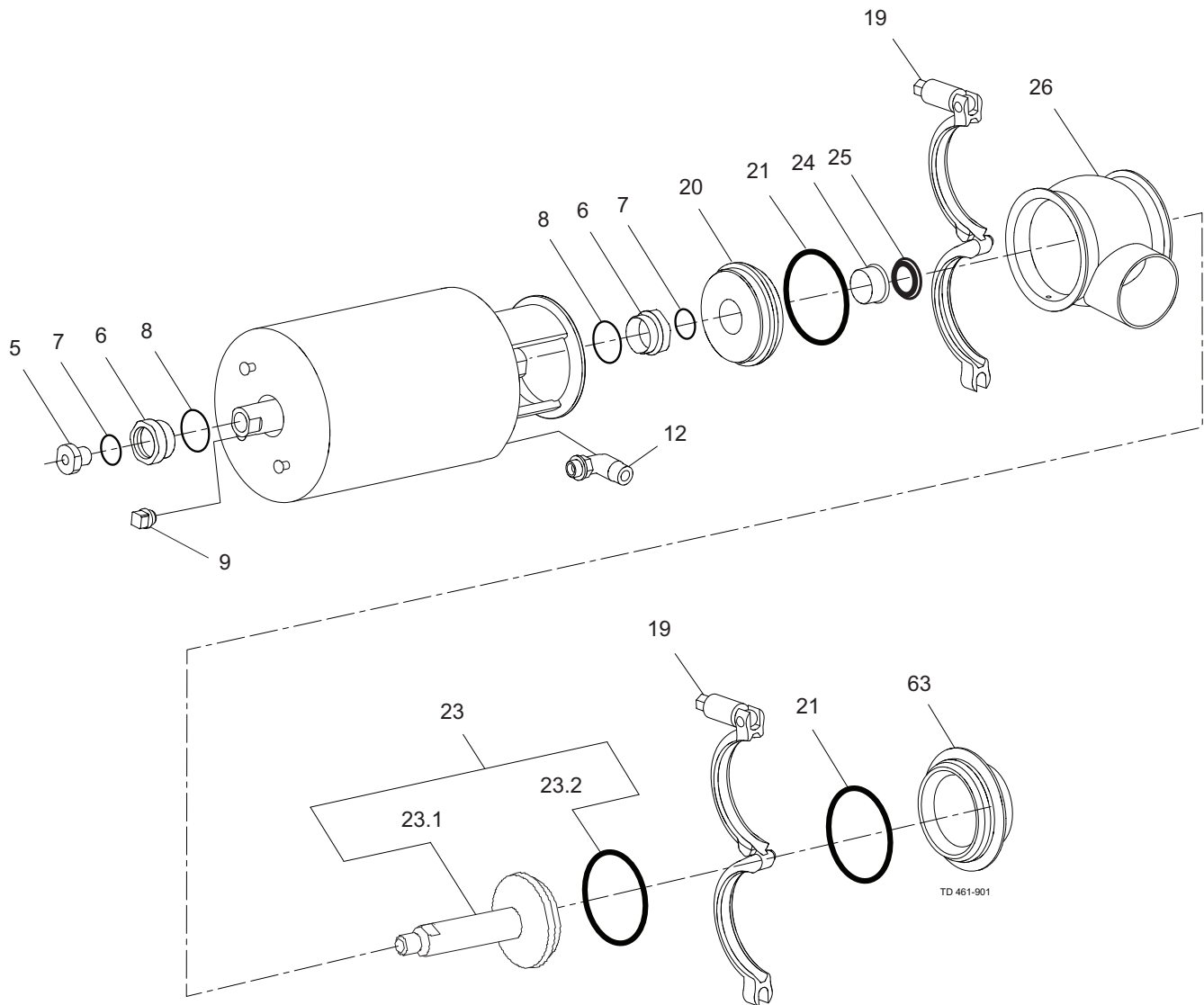


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



Pos	Qty	Denomination	2"	2½"	3"	4"
		Actuator, complete (NO)	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (NC)	9613154837	9613154838	9613154839	9613154840
		Actuator, complete (A/A)	9613154842	9613154843	9613154844	9613154845
5	1	Adapter, plastic (- 0115)				
	1	Adapter, steel (0115 - 0518)				
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701
6	□	2 Bushing				
7	□	2 O-ring				
8	□	2 O-ring				
9	1	Plug	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682
Clamp						
19	2	Clamp	9612939323	9612939324	9612939325	9612939326
Bonnet						
20	1	Bonnet	9613127103	9613127104	9613127105	9613127106
21	♦	2 O-ring, EPDM (standard)				
		2 O-ring, HNBR				
		2 O-ring, FPM				
		O-ring, set (10 pcs.) EPDM	9614059425	9614059428	9614059431	9614059434
		O-ring, set (10 pcs.) HNBR	9614059426	9614059429	9614059432	9614059435
		O-ring, set (10 pcs.) FPM	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002
25	♦	1 Lip seal, EPDM (standard)				
		1 Lip seal, HNBR				
		1 Lip seal, FPM				
		Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419
		Lip seal, set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420
		Lip seal, set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421
Valve Body						
26	1	Valve body, 1 port, clamp	9613169002	9613169004	9613169006	9613169008
	1	Valve body, 2 ports, clamp	9613169018	9613169020	9613169022	9613169024
	1	Valve body, 1 port, welding ends	9613444809	9613444811	9613444813	9613444815
	1	Valve body, 2 ports, welding ends	9613444810	9613444812	9613444814	9613444816
63	1	Port seal element, clamp	9634070601	9634070701	9634070801	9634070901
	1	Port seal element, welding ends	9634071101	9634071201	9634071301	9634071401
Valve Plug						
23	1	Plug, shut off, complete, EPDM (standard)	9613138803	9613138804	9613138805	9613138806
	1	Plug, shut off, complete, HNBR	9613138815	9613138816	9613138817	9613138818
	1	Plug, shut off, complete, FPM	9613138827	9613138828	9613138829	9613138830
23.1	1	Plug, shut off	9613139803	9613139804	9613139805	9613139806
23.2♦	1	Plug seal, EPDM (standard)				
	1	Plug seal, HNBR				
	1	Plug seal, FPM				
		Plug seal, set (10 pcs.) EPDM	9614059407	9614059410	9614059413	9614059416
		Plug seal, set (10 pcs.) HNBR	9614059408	9614059411	9614059414	9614059417
		Plug seal, set (10 pcs.) FPM	9614059409	9614059412	9614059415	9614059418

		2"	2½"	3"	4"
Actuator					
	Service kit	9611926500	9611926500	9611926500	9611926500
Product wetted parts					
	Service kit, EPDM	9611926743	9611926744	9611926745	9611926746
	Service kit, HNBR	9611926747	9611926748	9611926749	9611926750
	Service kit, FPM	9611926751	9611926752	9611926753	9611926754

Recommended spare parts: Service kits

Parts marked with □ are included in the service kits (actuator).
 Parts marked with ♦ are included in the service kits (product wetted parts).

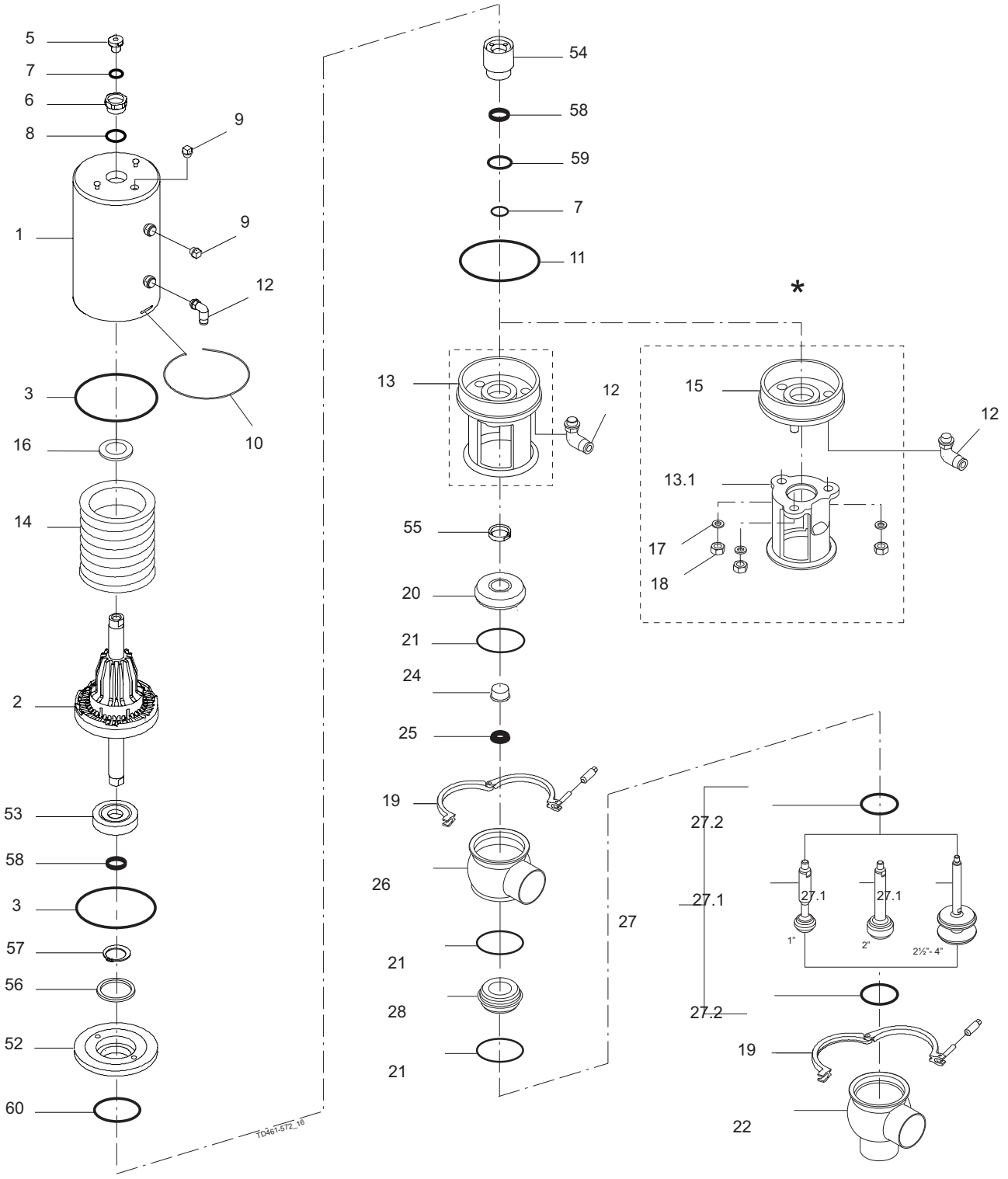
If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



*) "Remove yoke with bolts" version, produced from 2006 to June 2016. Replaced by "yoke without bolts" (13)

Pos	Qty	Denomination	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76 mm	DN 100 101.6 mm
1		Actuator , - complete (NC) shut-off valve	9613185401	9613185402	9613185403	9613185404	9613185405
		Actuator , - complete (NO) change-over valve . . .	9613185429	9613185430	9613185431	9613185432	9613185433
		Actuator , - complete (NC) change-over valve . . .	9613185419	9613185420	9613185421	9613185422	9613185423
	1	Cylinder	9613167705	9613167705	9613167705	9613167706	9613167706
2	1	Piston	9613132304	9613132304	9613132304	9613132405	9613132405
3	□ 2	O-ring					
5	1	Adapter, plastic (- 0115)					
	1	Adapter, steel (0115 - 0518)					
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701
6	□ 1	Bushing					
7	□ 2	O-ring					
8	□ 1	O-ring					
9	2	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
10	1	Lock wire	9613143202	9613143202	9613143202	9613143203	9613143203
11	□ 1	O-ring					
12	2	Air fitting	9611991988	9611991988	9611991988	9611991988	9611991988
13	1	Yoke without bolts , (0616 -)	9615245401	9613154402	9613154502	9613154603	9613154703
14	1	Spring assembly	9613132502	9613132502	9613132502	9613132503	9613132503
16	□ 1	Support disc					
52	1	Piston	9613167801	9613167801	9613167801	9613167901	9613167901
53	1	Thrust plate	9613168201	9613168201	9613168201	9613168201	9613168201
54	1	Guide	9613168001	9613168001	9613168001	9613168101	9613168101
55	1	Nut	9613168301	9613168301	9613168301	9613168301	9613168301
56	2	Spacer (only for shut-off valve)	9613168402				
57	1	Lock ring	51997509	51997509	51997509	51997509	51997509
58	2	Guide ring	9613008424	9613008424	9613008424	9613008424	9613008424
59	□ 1	O-ring					
60	□ 1	O-ring					

Removeable yoke with bolts - OBSOLETE**use position 13**

13.1	1	Yoke , (- 0616)					
15	1	Bottom , (- 0616)					
17	3	Washer , (- 0616)					
18	3	Nut , (- 0616)					

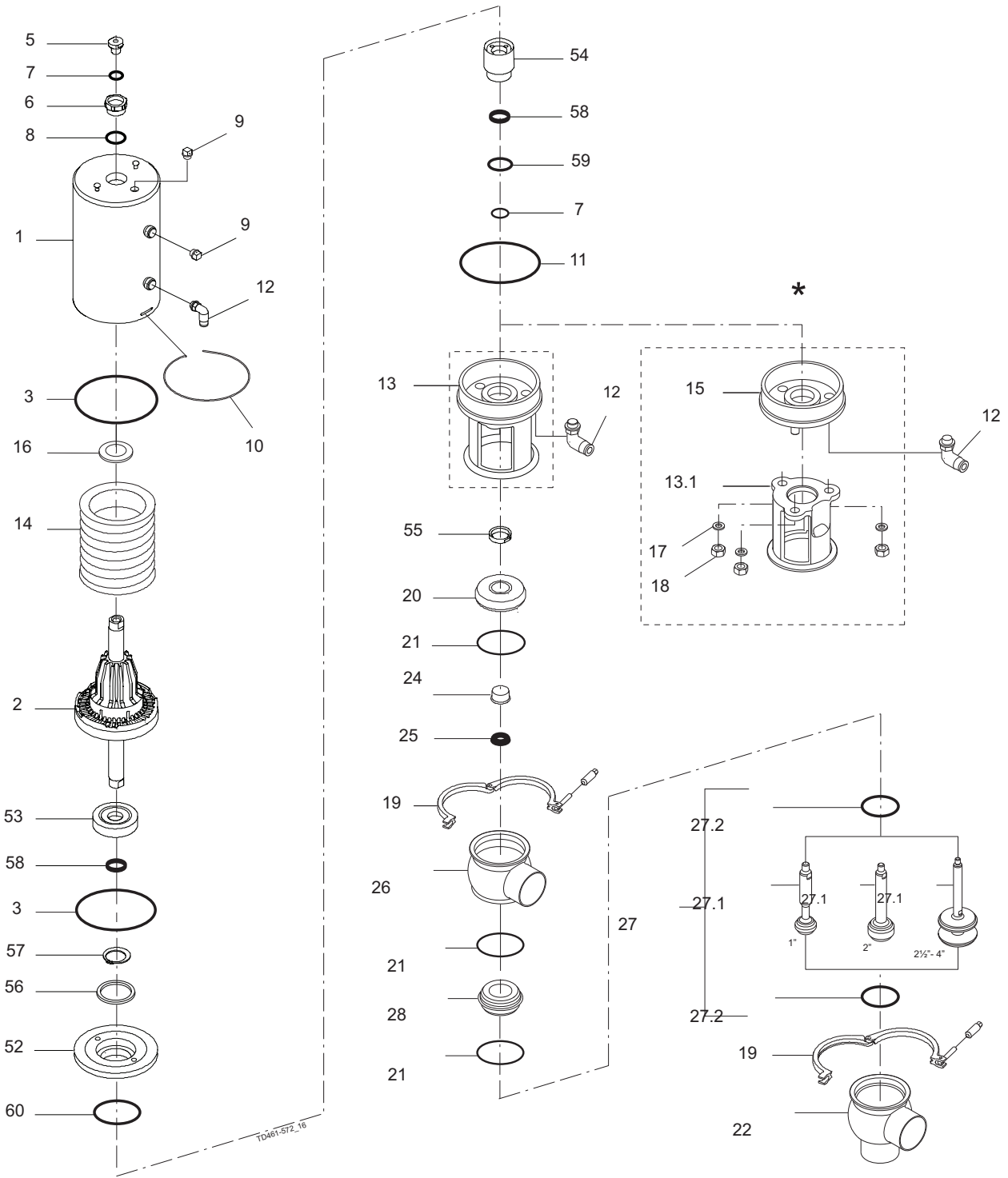
If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



*) "Remove yoke with bolts" version, produced from 2006 to June 2016.
Replaced by "yoke without bolts" (13)

Pos	Qty	Denomination	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76 mm	DN 100 101.6 mm
Clamp							
19	2	Clamp	9612939303	9612939304	9612939305	9612939306	9612939307
Bonnet							
20	1	Bonnet	9613127102	9613127103	9613127104	9613127105	9613127106
21	♦ 3	O-ring, EPDM (standard)					
	3	O-ring, HNBR					
	3	O-ring, FPM					
	3	O-ring, set (10 pcs.) , EPDM	9614059422	9614059425	9614059428	9614059431	9614059434
	3	O-ring, set (10 pcs.) , HNBR	9614059423	9614059426	9614059429	9614059432	9614059435
	3	O-ring, set (10 pcs.) , FPM	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
25	♦ 1	Lip seal, EPDM (standard)	9613120501	9613120501	9613120501	9613120501	9613120501
	1	Lip seal, HNBR	9613120502	9613120502	9613120502	9613120502	9613120502
	1	Lip seal, FPM	9613120503	9613120503	9613120503	9613120503	9613120503
	1	Lip seal, set (10 pcs.) , EPDM	9614059419	9614059419	9614059419	9614059419	9614059419
	1	Lip seal, set (10 pcs.) , HNBR	9614059420	9614059420	9614059420	9614059420	9614059420
	1	Lip seal, set (10 pcs.) , FPM	9614059421	9614059421	9614059421	9614059421	9614059421
Valve Body							
26	1	Valve body, upper, 1 port ISO	9613139303	9613139305	9613139307	9613139309	9613139311
	1	Valve body, upper, 2 ports ISO	9613139304	9613139306	9613139308	9613139310	9613139312
	1	Valve body, upper, 1 port DIN	9613139403	9613139405	9613139407	9613139409	9613139411
	1	Valve body, upper, 2 ports DIN	9613139404	9613139406	9613139408	9613139410	9613139412
22	1	Valve body, lower, 2 ports ISO	9613139503	9613139505	9613139507	9613139509	9613139511
	1	Valve body, lower, 3 ports ISO	9613139504	9613139506	9613139508	9613139510	9613139512
	1	Valve body, lower, 2 ports DIN	9613139603	9613139605	9613139607	9613139609	9613139611
	1	Valve body, lower, 3 ports DIN	9613139604	9613139606	9613139608	9613139610	9613139612
Valve Plug							
27	1	Plug, change over, ISO complete, EPDM (standard)	9613127702	9613127703	9613127704	9613127705	9613127706
	1	Plug, change over, ISO complete, HNBR	9613127714	9613127715	9613127716	9613127717	9613127718
	1	Plug, change over, ISO complete, FPM	9613127726	9613127727	9613127728	9613127729	9613127730
	1	Plug, change over, DIN complete, EPDM (standard)	9613127708	9613127709	9613127710	9613127711	9613127712
	1	Plug, change over, DIN complete, HNBR	9613127720	9613127721	9613127722	9613127723	9613127724
	1	Plug, change over, DIN complete, FPM	9613127732	9613127733	9613127734	9613127735	9613127736
27.1	1	Plug, change over, ISO	9613140002	9613140003	9613140004	9613140005	9613140006
	1	Plug, change over, DIN	9613140008	9613140009	9613140010	9613140011	9613140012
27.2♦	2	Plug seal, EPDM (standard)					
	2	Plug seal, HNBR					
	2	Plug seal, FPM					
	2	Plug seal, set (10 pcs.) , EPDM	9614059404	9614059407	9614059410	9614059413	9614059416
	2	Plug seal, set (10 pcs.) , HNBR	9614059405	9614059408	9614059411	9614059414	9614059417
	2	Plug seal, set (10 pcs.) , FPM	9614059406	9614059409	9614059412	9614059415	9614059418
			DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76 mm	DN 100 101.6 mm

Recommended spare parts: Service kits.

□	Service kit, Actuator	9611926738	9611926738	9611926738	9611926738	9611926738
Service kit for Product wetted parts						
	Service kit, EPDM	9611926580	9611926581	9611926582	9611926583	9611926584
	Service kit, HNBR	9611926586	9611926587	9611926588	9611926589	9611926590
	Service kit, FPM	9611926592	9611926593	9611926594	9611926595	9611926596

Parts marked with □ are included in the service kits (actuator)

Parts marked with ♦ are included in the service kits (product wetted parts)

Tool for bushing (pos. 24) 9613160901

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!

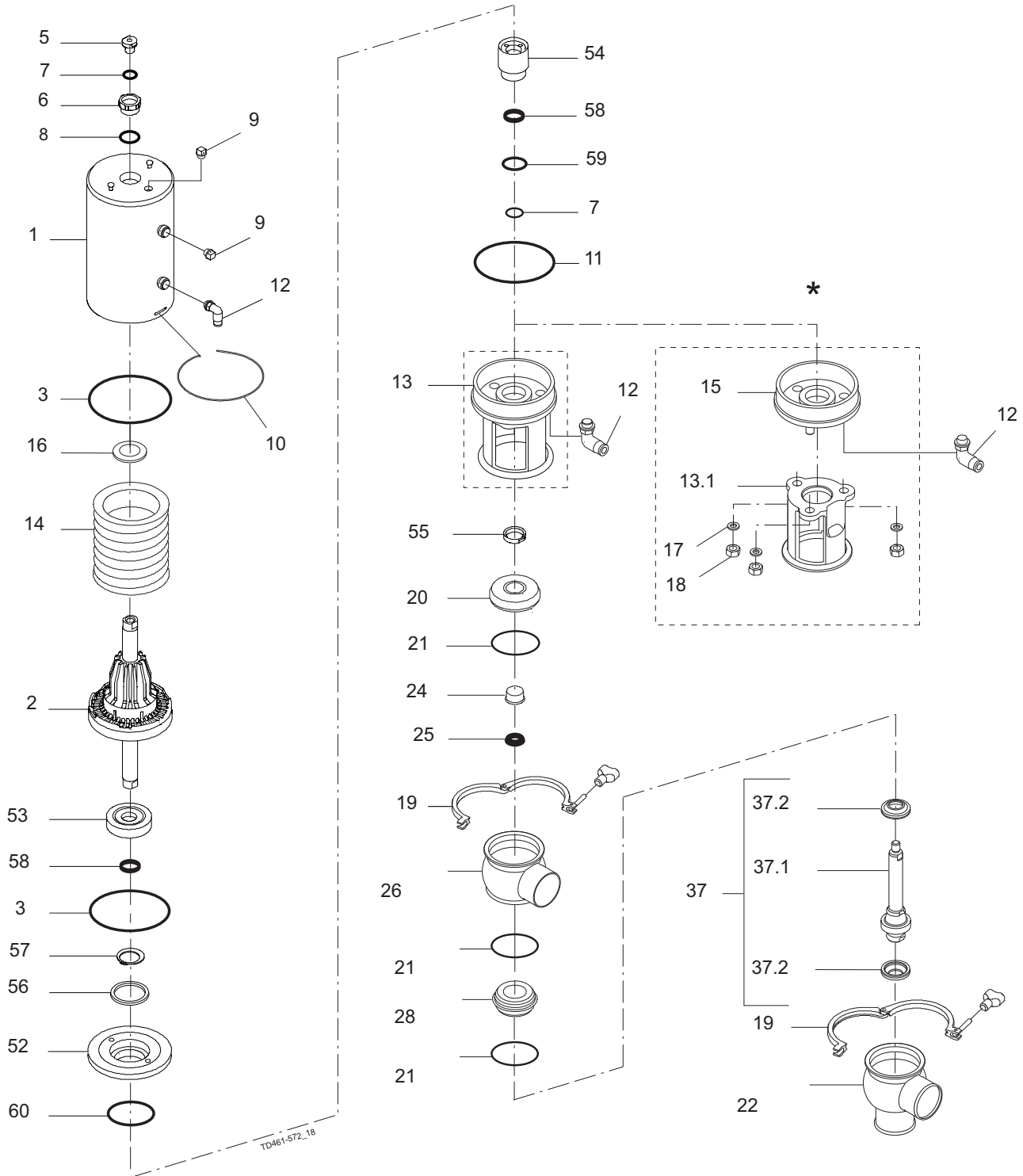


Do NOT attempt to cut the actuator open, due to spring under load danger!

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



*) "Remove yoke with bolts" version, produced from 2006 to June 2016.
Replaced by "yoke without bolts" (13)

Pos	Qty	Denomination	1½"	2"	2½"	3"	4"
		Actuator , - complete blasted (NO) Change Over .	9613185934	9613185935	9613185936	9613185937	9613185938
		Actuator , - complete blasted (NC) Change Over .	9613185924	9613185925	9613185926	9613185927	9613185928
		Actuator , - complete polished (NO) Change Over	9613185929	9613185930	9613185931	9613185932	9613185933
		Actuator , - complete polished (NC) Change Over	9613185919	9613185920	9613185921	9613185922	9613185923
1	1	Cylinder , (blasted)	9613167709	9613167709	9613167709	9613167710	9613167711
		Cylinder , (polished)	9613167711	9613167711	9613167711	9613167712	9613167712
2	1	Piston	9613132304	9613132304	9613132304	9613132405	9613132405
3	2	O-ring	9611990033	9611990033	9611990033	9611994283	9611994283
5	1	Adapter, plastic (- 0115)					
		Adapter, steel (0115 - 0518)					
		Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701
6	1	Bushing	9613132801	9613132801	9613132801	9613132801	9613132801
7	2	O-ring	9611994300	9611994300	9611994300	9611994300	9611994300
8	1	O-ring	9611994680	9611994680	9611994680	9611994680	9611994680
9	2	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
10	1	Lock wire	9613143202	9613143202	9613143202	9613143203	9613143203
11	1	O-ring	22340622	22340622	22340622	9611992579	9611992579
12	2	Air fitting	9611994682	9611994682	9611994482	9611994682	9611994682
13	1	Yoke	9615245401	9613154402	9613154502	9613154603	9613154703
14	1	Spring assembly	9613132502	9613132502	9613132502	9613132503	9613132503
16	1	Support disc	9613142601	9613142601	9613142601	9613142601	9613142601
52	1	Piston	9613167801	9613167801	9613167801	9613167901	9613167901
53	1	Thrust plate	9613168201	9613168201	9613168201	9613168201	9613168201
54	1	Guide	9613168001	9613168001	9613168001	9613168101	9613168101
55	1	Nut	9613168301	9613168301	9613168301	9613168301	9613168301
56	2	Spacer , (only for shut-off valve)	9613168402				
		Spacer , (only for shut-off valve)		9613168402	9613168402	9613168402	9613168402
		Spacer , (only for shut-off valve)		9613168401	9613168401		
		Spacer , (only for shut-off valve)				9613168401	9613168401
		Spacer , (only for NO change-over valve)				9613168401	9613168401
57	1	Lock ring	51997509	51997509	51997509	51997509	51997509
58	2	Guide ring	9613008424	9613008424	9613008424	9613008424	9613008424
59	1	O-ring					
60	1	O-ring					

Removeable yoke with bolts - OBSOLETE

use position 13

13.1	1	Yoke (- 0616)					
15	1	Bottom , (- 0616)					
17	3	Washer , (- 0616)					
18	3	Nut , (- 0616)					

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!

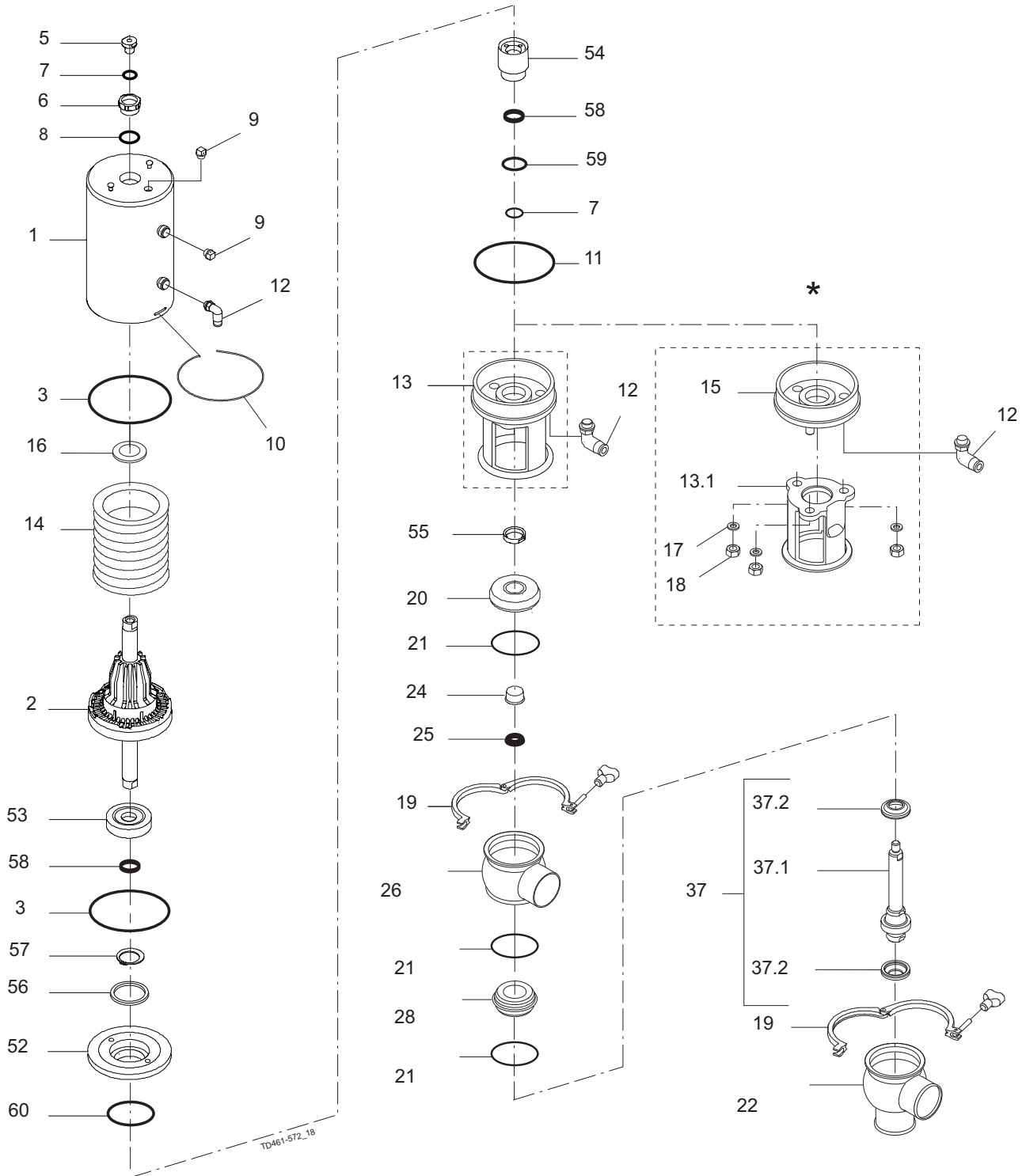


Do NOT attempt to cut the actuator open, due to spring under load danger!

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



*) "Remove yoke with bolts" version, produced from 2006 to June 2016.
Replaced by "yoke without bolts" (13)

Pos	Qty	Denomination	1½"	2"	2½"	3"	4"
Clamp							
19	2	Clamp	9612939316	9612939317	9612939318	9612939319	9612939320
Bonnet							
20	1	Bonnet	9613127102	9613127103	9613127104	9613127105	9613127106
21	♦ 3	O-ring, EPDM (standard)					
	3	O-ring, , HNBR					
	3	O-ring, , FPM					
		O-ring, , set (10 pcs.) EPDM	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring, , set (10 pcs.) HNBR	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring, , set (10 pcs.) FPM	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
25	♦ 1	Lip seal, , EPDM (standard)					
	1	Lip seal, , HNBR					
	1	Lip seal, , FPM					
		Lip seal, , set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419
		Lip seal, , set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420
		Lip seal, , set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421
Seat							
28	1	Seat	9613127502	9613127503	9613127504	9613127505	9613127506
Valve Body							
26	1	Valve body, , upper, 1 ports, clamp	9613161503	9613161505	9613161507	9613161509	9613161511
	1	Valve body, , upper, 2 ports, clamp	9613161504	9613161506	9613161508	9613161510	9613161512
	1	Valve body, , upper, 1 ports, welding ends	9613139315	9613139317	9613139319	9613139321	9613139323
	1	Valve body, , upper, 2 ports, welding ends	9613139316	9613139318	9613139320	9613139322	9613139324
22	1	Valve body, , lower, 2 ports, clamp	9613161603	9613161605	9613161607	9613161609	9613161611
	1	Valve body, , lower, 3 ports, clamp	9613161604	9613161606	9613161608	9613161610	9613161612
	1	Valve body, , lower, 2 ports, welding ends	9613139515	9613139517	9613139519	9613139521	9613139523
	1	Valve body, , lower, 3 ports, welding ends	9613139516	9613139518	9613139520	9613139522	9613139524
Valve Plug							
37	1	Plug, change over, complete	9613155502	9613155503	9613155503	9613155505	9613155506
37.1	1	Plug, change over	9613155401	9613155402	9613155403	9613155404	9613155405
37.2♦	2	Plug seal, PTFE					
		Plug, seal, set (10 pcs.) PTFE	9614059449	9614059450	9614059451	9614059452	9614059453
			1½"	2"	2½"	3"	4"

Recommended spare parts: Service kits.

■	Servicekits, Actuator	9611926738	9611926738	9611926738	9611926739	9611926739
♦	Servicekits, EPDM	9611926633	9611926634	9611926635	9611926636	9611926637
♦	Servicekits, HNBR	9611926638	9611926639	9611926640	9611926641	9611926642
♦	Servicekits, FPM	9611926643	9611926644	9611926645	9611926646	9611926647

Parts marked with ♦■ are included in the service kits (actuator)

Recommended spare parts: Service kits

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!

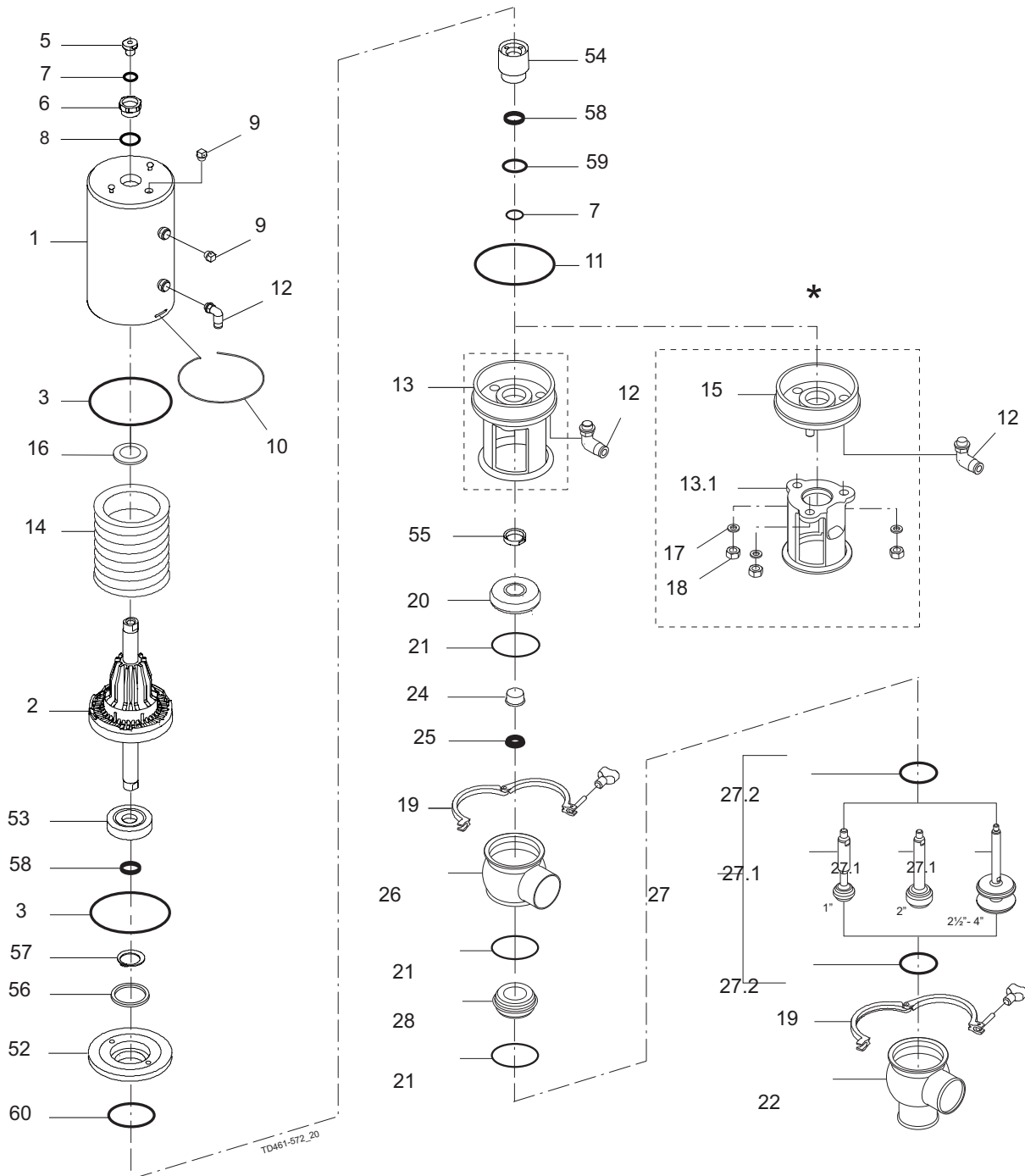


Do NOT attempt to cut the actuator open, due to spring under load danger!

AND



Do NOT attempt to cut the actuator open due to spring under load danger.



*) "Remove yoke with bolts" version, produced from 2006 to June 2016.
Replaced by "yoke without bolts" (13)

Pos	Qty	Denomination	1½"	2"	2½"	3"	4"
		Actuator, - complete blasted (NO) Change Over	9613185934	9613185935	9613185936	9613185937	9613185938
		Actuator, - complete blasted (NC) Change Over	9613185924	9613185925	9613185926	9613185927	9613185928
		Actuator, - complete polished (NO) Change Over	9613185929	9613185930	9613185931	9613185932	9613185933
		Actuator, - complete polished (NC) Change Over	9613185919	9613185920	9613185921	9613185922	9613185923
1	1	Cylinder, (blasted)	9613167709	9613167709	9613167709	9613167710	9613167711
		Cylinder, (polished)	9613167711	9613167711	9613167711	9613167712	9613167712
2	1	Piston	9613132304	9613132304	9613132304	9613132405	9613132405
3	2	O-ring					
5	1	Adapter, plastic (- 0115)					
		Adapter, steel (0115 - 0518)					
		Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701
6	1	Bushing					
7	2	O-ring					
8	1	O-ring					
9	2	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
10	1	Lock wire	9613143202	9613143202	9613143202	9613143203	9613143203
11	1	O-ring					
12	2	Air fitting	9611994682	9611994682	9611994482	9611994682	9611994682
13	1	Yoke	9615245401	9613154402	9613154502	9613154603	9613154703
14	1	Spring assembly	9613132502	9613132502	9613132502	9613132503	9613132503
16	1	Support disc					
52	1	Piston	9613167801	9613167801	9613167801	9613167901	9613167901
53	1	Thrust plate	9613168201	9613168201	9613168201	9613168201	9613168201
54	1	Guide	9613168001	9613168001	9613168001	9613168101	9613168101
55	1	Nut	9613168301	9613168301	9613168301	9613168301	9613168301
56	2	Spacer, (only for shut-off valve)	9613168402				
57	1	Lock ring	51997509	51997509	51997509	51997509	51997509
58	2	Guide ring	9613008424	9613008424	9613008424	9613008424	9613008424
59	1	O-ring					
60	1	O-ring					

Removeable yoke with bolts - OBSOLETE

use position 13

13.1	1	Yoke, (- 0616)					
15	1	Bottom, (- 0616)					
17	3	Washer, (- 0616)					
18	3	Nut, (- 0616)					

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.

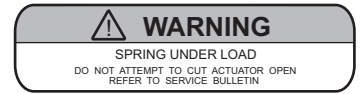


Do NOT attempt to disassemble the actuator due to spring under load danger!

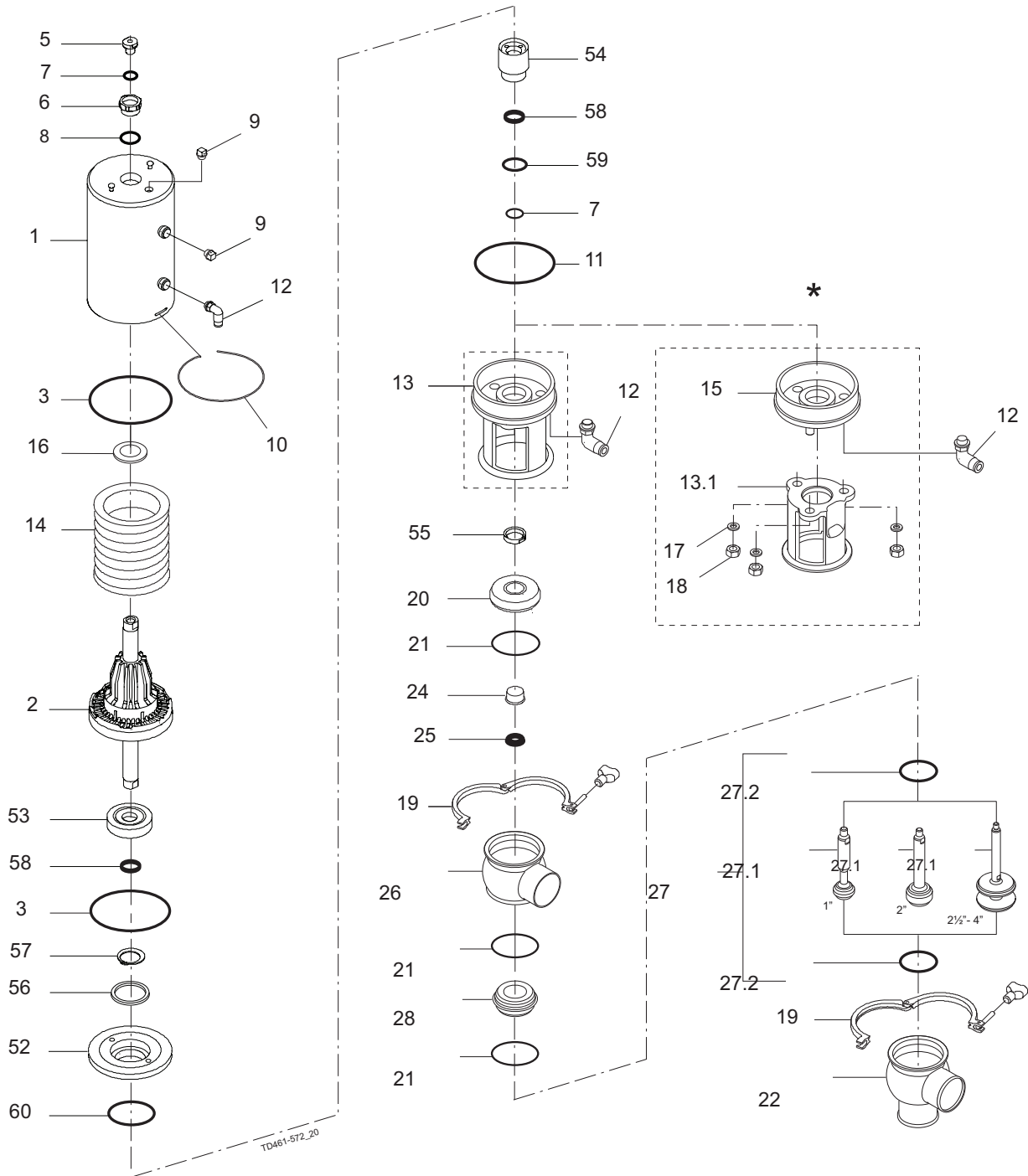


Do NOT attempt to cut the actuator open, due to spring under load danger!

AND



Do NOT attempt to cut the actuator open due to spring under load danger.



*) "Remove yoke with bolts" version, produced from 2006 to June 2016.
Replaced by "yoke without bolts" (13)

Pos	Qty	Denomination	1½"	2"	2½"	3"	4"
Clamp							
19	1	Clamp	9612939316	9612939317	9612939318	9612939319	9612939320
Bonnet							
20	1	Bonnet	9613127102	9613127103	9613127104	9613127105	9613127106
21	♦	3 O-ring, , EPDM (standard)					
		3 O-ring, , HNBR					
		3 O-ring, , FPM					
		O-ring, , set (10 pcs.) EPDM	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring, , set (10 pcs.) HNBR	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring, , set (10 pcs.) FPM	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
25	♦	1 Lip seal, , EPDM (standard)					
		1 Lip seal, , HNBR					
		1 Lip seal, , FPM					
		Lip seal, , set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419
		Lip seal, , set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420
		Lip seal, , set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421
Seat							
28	1	Seat	9613127502	9613127503	9613127504	9613127505	9613127506
Valve Body							
26	1	Valve body, , upper, 1 ports , clamp	9613161503	9613161505	9613161507	9613161509	9613161511
	1	Valve body, , upper, 2 ports , clamp	9613161504	9613161506	9613161508	9613161510	9613161512
	1	Valve body, , upper, 1 ports, welding ends	9613139315	9613139317	9613139319	9613139321	9613139323
	1	Valve body, , upper, 2 ports, welding ends	9613139316	9613139318	9613139320	9613139322	9613139324
22	1	Valve body, , lower, 2 ports , clamp	9613161603	9613161605	9613161607	9613161609	9613161611
	1	Valve body, , lower, 3 ports, clamp	9613161604	9613161606	9613161608	9613161610	9613161612
	1	Valve body, , lower, 2 ports , welding ends	9613139515	9613139518	9613139519	9613139521	9613139523
	1	Valve body, , lower, 3 ports ,welding ends	9613139516	9613139518	9613139520	9613139522	9613139524
Valve Plug							
27	1	Plug, , change over, ISO complete, EPDM (standard)	9613127702	9613127703	9613127704	9613127705	9613127706
	1	Plug, , change over, ISO complete, HNBR	9613127714	9613127715	9613127716	9613127717	9613127718
	1	Plug, , change over, ISO complete, FPM	9613127726	9613127727	9613127728	9613127729	9613127730
	1	Plug, , change over, DIN complete, EPDM (standard)	9613127708	9613127709	9613127710	9613127711	9613127712
	1	Plug, , change over, DIN complete, HNBR	9613127720	9613127721	9613127722	9613127723	9613127724
	1	Plug, , change over, DIN complete, FPM	9613127732	9613127733	9613127734	9613127735	9613127736
27.1	1	Plug, , change over, ISO	9613140002	9613140003	9613140004	9613140005	9613140006
	1	Plug, , change over, DIN	9613140008	9613140009	9613140010	9613140011	9613140012
27.2♦	2	Plug, seal, EPDM (standard)					
	2	Plug , seal, HNBR					
	2	Plug , seal, FPM					
		Plug , seal, set (10 pcs.) EPDM	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug , seal, set (10 pcs.) HNBR	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug , seal, set (10 pcs.) FPM	9614059406	9614059409	9614059412	9614059415	9614059418
			1½"	2"	2½"	3"	4"

Recommended spare parts: Service kits.

■	Service kit, Actuator	9611926738	9611926738	9611926738	9611926739	9611926739
♦	Service kit, EPDM	9611926580	9611926581	9611926582	9611926583	9611926584
♦	Service kit, HNBR	9611926586	9611926587	9611926588	9611926589	9611926590
♦	Service kit, FPM	9611926592	9611926593	9611926594	9611926595	9611926596

Parts marked with ■ are included in the service kits (actuator)

Recommended spare parts: Service kits

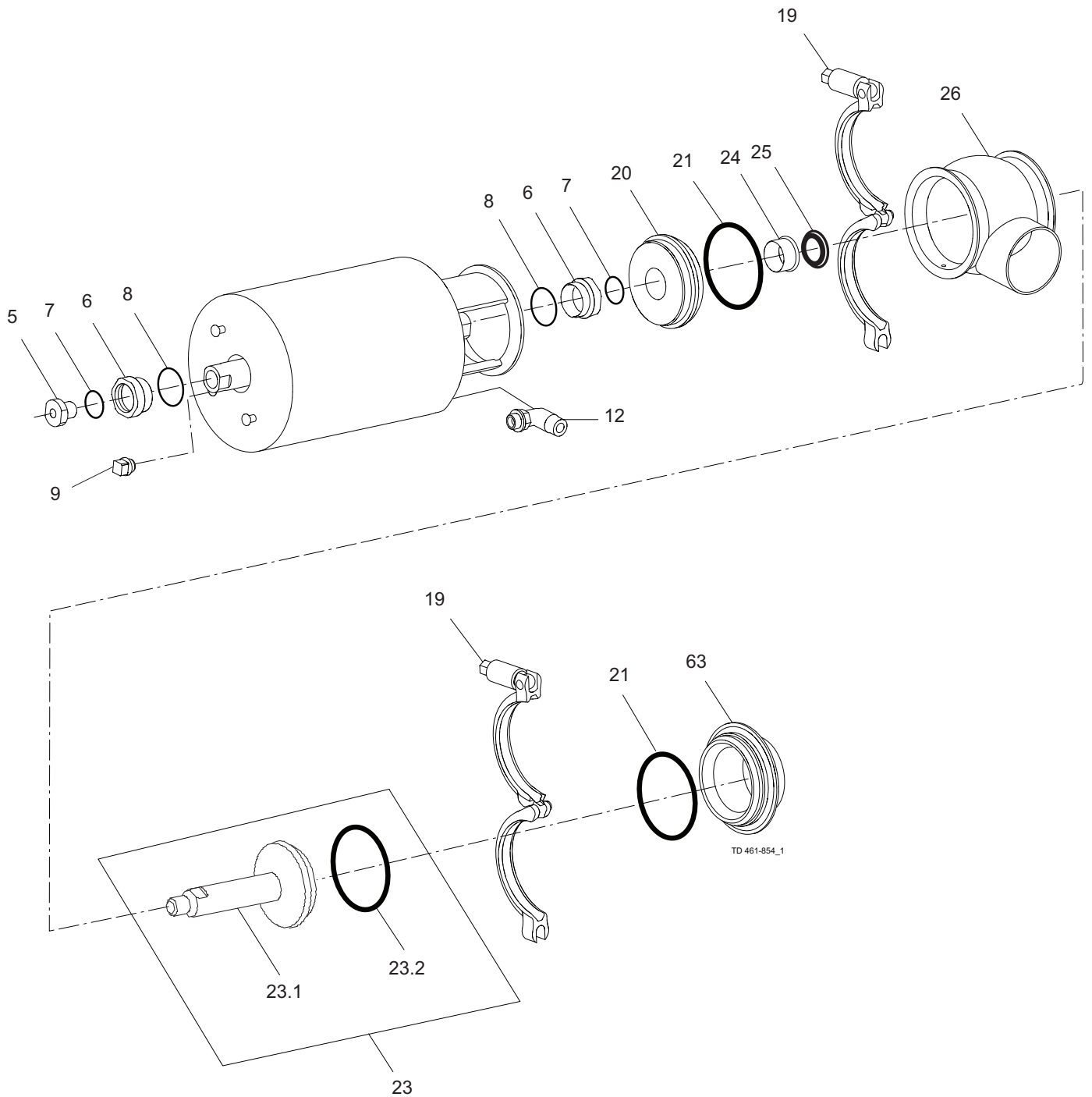
If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



Pos	Qty	Denomination	51 mm	63.5 mm	76.1 mm	101.6 mm
Actuator						
		Actuator, complete (NO)	9613154802	9613154803	9613154804	9613154805
		Actuator, complete (NC)	9613154807	9613154808	9613154809	9613154810
		Actuator, complete (A/A)	9613154812	9613154813	9613154814	9613154815
5	1	Adapter, plastic, (- 0115)				
	1	Adapter, steel, (0115 - 0518)				
	1	Adapter, steel, (0518 -)	9615374701	9615374701	9615374701	9615374701
6	□	Bushing				
7	□	O-ring				
8	□	O-ring				
9	1	Plug	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611991988	9611991988	9611991988	9611991988
Clamp						
19	2	Clamp	9612939304	9612939305	9612939306	9612939307
Bonnet						
20	1	Bonnet	9613127103	9613127104	9613127105	9613127106
21	♦	O-ring, EPDM (standard)				
	2	O-ring, HNBR				
	2	O-ring, FPM				
		O-ring set (10 pcs.) EPDM	9614059425	9614059428	9614059431	9614059434
		O-ring set (10 pcs.) HNBR	9614059426	9614059429	9614059432	9614059435
		O-ring set (10 pcs.) FPM	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002
25	♦	Lip seal, EPDM (standard)				
	1	Lip seal, HNBR				
	1	Lip seal, FPM				
		Lip seal set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419
		Lip seal set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420
		Lip seal set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421
Valve Body						
26	1	Valve body, 1 port, welding ends	9613444801	9613444803	9613444805	9613444807
	1	Valve body, 2 ports, welding ends	9613444802	9613444804	9613444806	9613444808
63	1	Port seal element, welding ends	9634071101	9634071201	9634071301	9634071401
Valve Plug						
23	1	Plug, shut-off, complete, EPDM (standard)	9613138803	9613138804	9613138805	9613138806
	1	Plug, shut-off, complete, HNBR	9613138815	9613138816	9613138817	9613138818
	1	Plug, shut-off, complete, FPM	9613138827	9613138828	9613138829	9613138830
23.1	1	Plug, shut-off	9613139803	9613139804	9613139805	9613139806
23.2♦	1	Plug seal, EPDM (standard)				
	1	Plug seal, HNBR				
	1	Plug seal, FPM				
		Plug seal set (10 pcs.) EPDM	9614059407	9614059410	9614059413	9614059416
		Plug seal set (10 pcs.) HNBR	9614059408	9614059411	9614059414	9614059417
		Plug seal set (10 pcs.) FPM	9614059409	9614059412	9614059415	9614059418
			51 mm	63.5 mm	76.1 mm	101.6 mm
Service kit for actuator						
□		Service kit	9611926500	9611926500	9611926500	9611926500
Service kit for product wetted parts, standard						
♦		Service kit, EPDM	9611926743	9611926744	9611926745	9611926746
♦		Service kit, HNBR	9611926747	9611926748	9611926749	9611926750
♦		Service kit, FPM	9611926751	9611926752	9611926753	9611926754

Parts marked with □♦ are included in the service kits.

Recommended spare parts: Service kits.

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger.

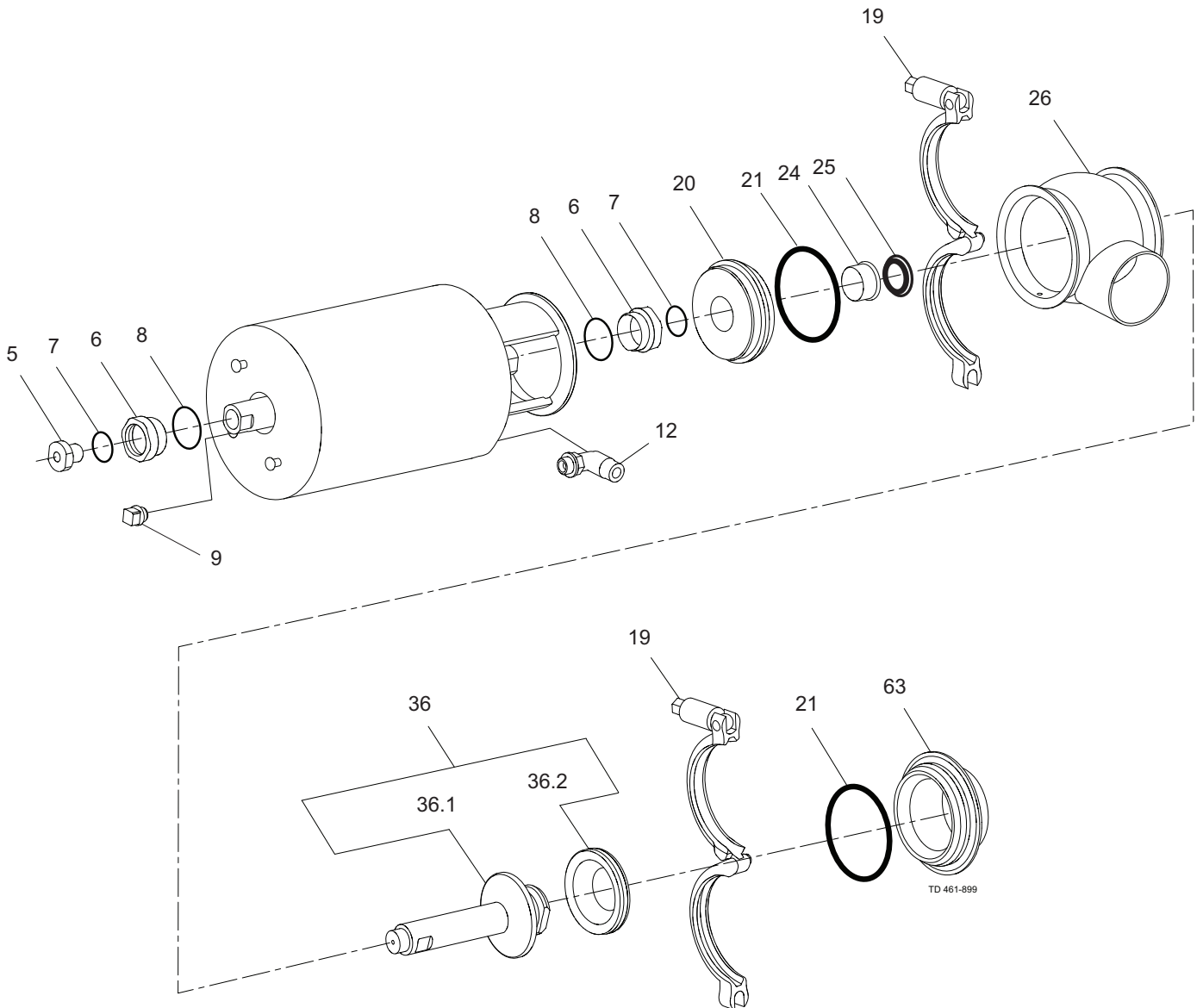


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



Pos	Qty	Denomination	2"	2½"	3"	4"
		Actuator, complete (NO)	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (NC)	9613154837	9613154838	9613154839	9613154840
		Actuator, complete (A/A)	9613154842	9613154843	9613154844	9613154845
5	1	Adapter, plastic (- 0115)				
	1	Adapter, steel (0115 - 0518)				
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701
6	□	2 Bushing				
7	□	2 O-ring				
8	□	2 O-ring				
9	1	Plug	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682
Clamp						
19	2	Clamp	9612939323	9612939324	9612939325	9612939326
Bonnet						
20	1	Bonnet	9613127103	9613127104	9613127105	9613127106
21	♦	2 O-ring, EPDM (standard)				
	2	O-ring, HNBR				
	2	O-ring, FPM				
		O-ring, set (10 pcs.) EPDM	9614059425	9614059428	9614059431	9614059434
		O-ring, set (10 pcs.) HNBR	9614059426	9614059429	9614059432	9614059435
		O-ring, set (10 pcs.) FPM	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002
25	♦	1 Lip seal, EPDM (standard)				
	1	Lip seal, HNBR				
	1	Lip seal, FPM				
		Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419
		Lip seal, set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420
		Lip seal, set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421
Valve Body						
26	1	Valve body, 1 port, clamp	9613169002	9613169004	9613169006	9613169008
	1	Valve body, 2 ports, clamp	9613169018	9613169020	9613169022	9613169024
	1	Valve body, 1 port, welding ends	9613444809	9613444811	9613444813	9613444815
	1	Valve body, 2 ports, welding ends	9613444810	9613444812	9613444814	9613444816
63	1	Port seal element, clamp	9634070601	9634070701	9634070801	9634070901
	1	Port seal element, welding ends	9634071101	9634071201	9634071301	9634071401
Valve Plug						
36	1	Plug, shut-off, complete	9613155803	9613155804	9613155805	9613155806
36.1	1	Plug, shut-off	9613151102	9613151103	9613151104	9613151105
36.2	♦	1 Plug seal, PTFE				
		Plug seal, set (10 pcs.) PTFE	9614059450	9614059451	9614059452	9614059453
			2"	2½"	3"	4"

Actuator

□	Service kit	9611926500	9611926500	9611926500	9611926500
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Product wetted parts

♦	Service kit, EPDM	9611926767	9611926768	9611926769	9611926770
♦	Service kit, HNBR	9611926771	9611926772	9611926773	9611926774
♦	Service kit, FPM	9611926775	9611926776	9611926777	9611926778

Recommended spare parts: Service kits

Parts marked with □ are included in the service kits (actuator).

Parts marked with ♦ are included in the service kits (product wetted parts).

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.

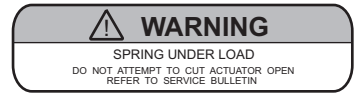


Do NOT attempt to disassemble the actuator due to spring under load danger.

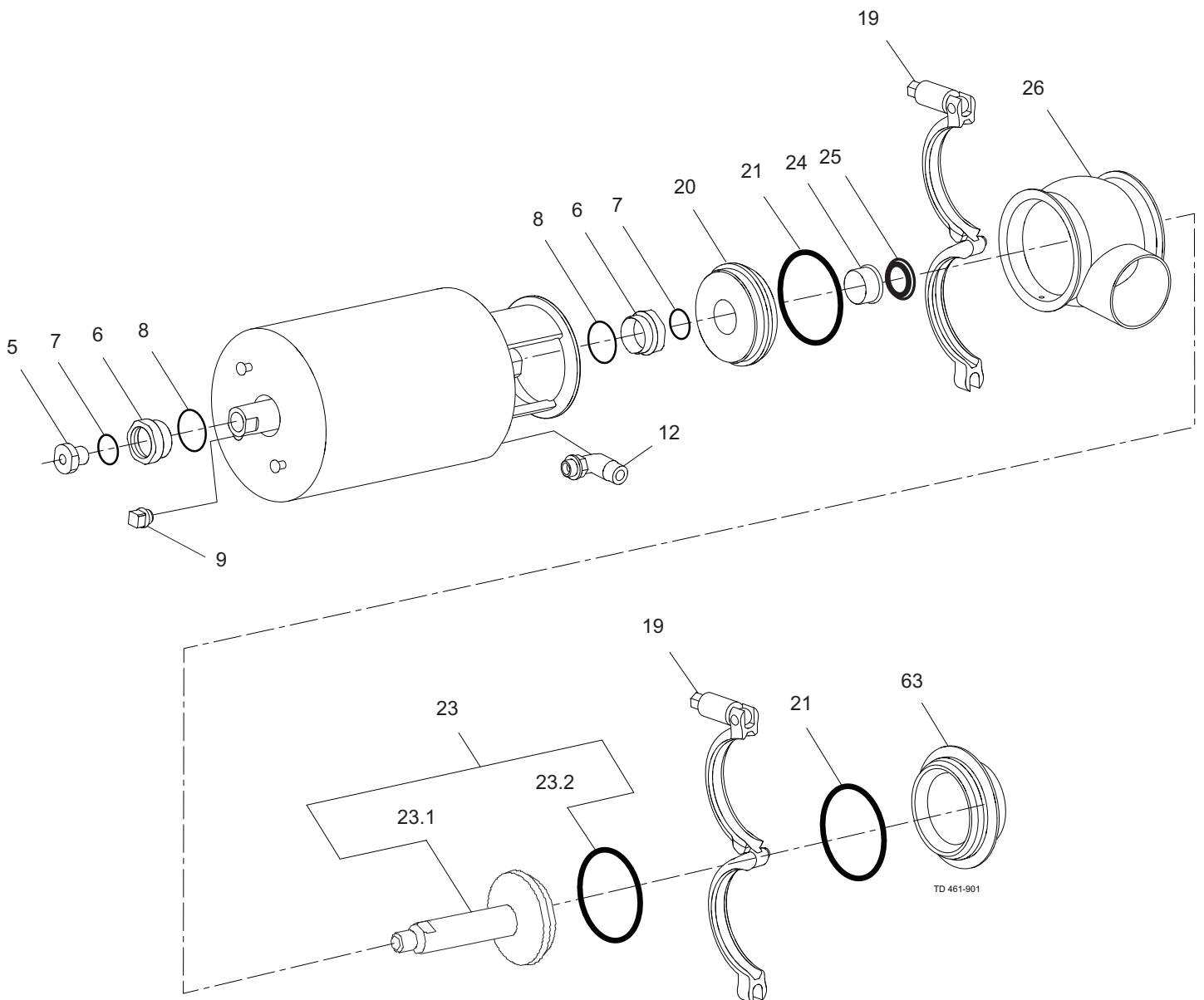


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



Pos	Qty	Denomination	2"	2½"	3"	4"
		Actuator, complete (NO)	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (NC)	9613154837	9613154838	9613154839	9613154840
		Actuator, complete (A/A)	9613154842	9613154843	9613154844	9613154845
5	1	Adapter, plastic (- 0115)				
	1	Adapter, steel (0115 - 0518)				
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701
6	□	2 Bushing				
7	□	2 O-ring				
8	□	2 O-ring				
9	1	Plug	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682
Clamp						
19	2	Clamp	9612939323	9612939324	9612939325	9612939326
Bonnet						
20	1	Bonnet	9613127103	9613127104	9613127105	9613127106
21	♦	2 O-ring, EPDM (standard)				
		2 O-ring, HNBR				
		2 O-ring, FPM				
		O-ring, set (10 pcs.) EPDM	9614059425	9614059428	9614059431	9614059434
		O-ring, set (10 pcs.) HNBR	9614059426	9614059429	9614059432	9614059435
		O-ring, set (10 pcs.) FPM	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002
25	♦	1 Lip seal, EPDM (standard)				
		1 Lip seal, HNBR				
		1 Lip seal, FPM				
		Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419
		Lip seal, set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420
		Lip seal, set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421
Valve Body						
26	1	Valve body, 1 port, clamp	9613169002	9613169004	9613169006	9613169008
	1	Valve body, 2 ports, clamp	9613169018	9613169020	9613169022	9613169024
	1	Valve body, 1 port, welding ends	9613444809	9613444811	9613444813	9613444815
	1	Valve body, 2 ports, welding ends	9613444810	9613444812	9613444814	9613444816
63	1	Port seal element, clamp	9634070601	9634070701	9634070801	9634070901
	1	Port seal element, welding ends	9634071101	9634071201	9634071301	9634071401
Valve Plug						
23	1	Plug, shut off, complete, EPDM (standard)	9613138803	9613138804	9613138805	9613138806
	1	Plug, shut off, complete, HNBR	9613138815	9613138816	9613138817	9613138818
	1	Plug, shut off, complete, FPM	9613138827	9613138828	9613138829	9613138830
23.1	1	Plug, shut off	9613139803	9613139804	9613139805	9613139806
23.2♦	1	Plug seal, EPDM (standard)				
	1	Plug seal, HNBR				
	1	Plug seal, FPM				
		Plug seal, set (10 pcs.) EPDM	9614059407	9614059410	9614059413	9614059416
		Plug seal, set (10 pcs.) HNBR	9614059408	9614059411	9614059414	9614059417
		Plug seal, set (10 pcs.) FPM	9614059409	9614059412	9614059415	9614059418

		2"	2½"	3"	4"
Actuator					
	Service kit	9611926500	9611926500	9611926500	9611926500
Product wetted parts					
	Service kit, EPDM	9611926743	9611926744	9611926745	9611926746
	Service kit, HNBR	9611926747	9611926748	9611926749	9611926750
	Service kit, FPM	9611926751	9611926752	9611926753	9611926754

Recommended spare parts: Service kits

Parts marked with □ are included in the service kits (actuator).
 Parts marked with ♦ are included in the service kits (product wetted parts).

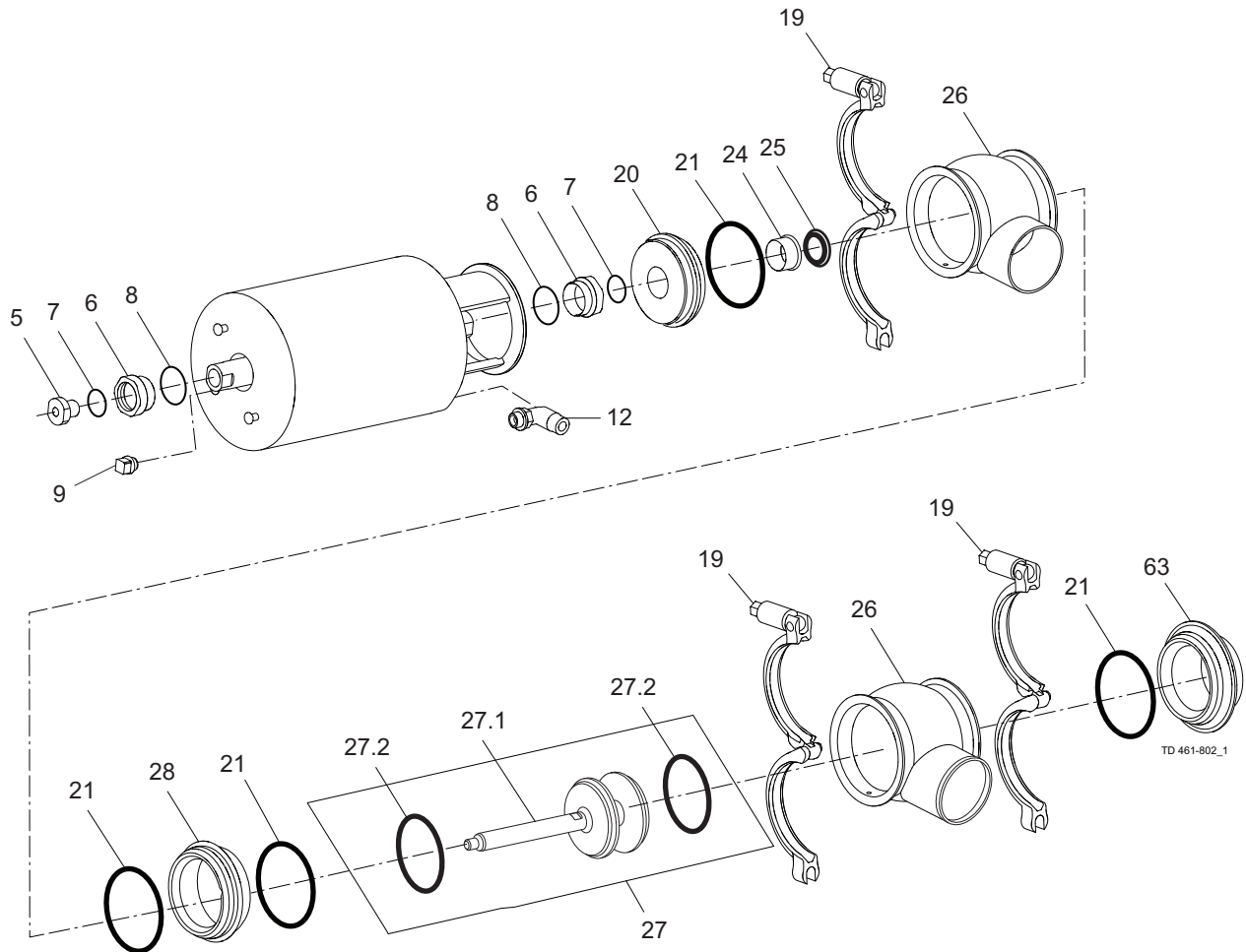
If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



TD 461-802_1

Pos	Qty	Denomination	51 mm	63.5 mm	76.1 mm	101.6 mm
Actuator						
		Actuator, complete (NO)	9613154802	9613154803	9613154804	9613154805
		Actuator, complete (NC)	9613154807	9613154808	9613154809	9613154810
		Actuator, complete (A/A)	9613154812	9613154813	9613154814	9613154815
5	1	Adapter, plastic (- 0115)				
	1	Adapter, steel (0115 - 0518)				
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701
6	□	Bushing				
7	□	O-ring				
8	□	O-ring				
9	1	Plug	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611991988	9611991988	9611991988	9611991988
Clamp						
19	3	Clamp	9612939304	9612939305	9612939306	9612939307
Bonnet						
20	1	Bonnet	9613127103	9613127104	9613127105	9613127106
21	♦	O-ring, EPDM (standard)				
	4	O-ring, HNBR				
	4	O-ring, FPM				
		O-ring set (10 pcs.) EPDM	9614059425	9614059428	9614059431	9614059434
		O-ring set (10 pcs.) HNBR	9614059426	9614059429	9614059432	9614059435
		O-ring set (10 pcs.) FPM	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002
25	♦	Lip seal, EPDM (standard)				
	1	Lip seal, HNBR				
	1	Lip seal, FPM				
		Lip seal set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419
		Lip seal set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420
		Lip seal set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421
Seat						
28	1	Seat	9613127503	9613127504	9613127505	9613127506
Valve Body						
26	1	Valve body, 1 port, welding ends	9613444801	9613444803	9613444805	9613444807
	1	Valve body, 2 ports, welding ends	9613444802	9613444804	9613444806	9613444808
63	1	Port seal element, welding ends	9634071101	9634071201	9634071301	9634071401
Valve Plug						
27	1	Plug, change-over, complete, EPDM (standard)	9613127703	9613127704	9613127705	9613127706
	1	Plug, change-over, complete, HNBR	9613127715	9613127716	9613127717	9613127718
	1	Plug, change-over, complete, FPM	9613127727	9613127728	9613127729	9613127730
27.1	1	Plug, change-over	9613140003	9613140004	9613140005	9613140006
27.2♦	2	Plug seal, EPDM (standard)				
	2	Plug seal, HNBR				
	2	Plug seal, FPM				
		Plug seal set (10 pcs.) EPDM	9614059407	9614059410	9614059413	9614059416
		Plug seal set (10 pcs.) HNBR	9614059408	9614059411	9614059414	9614059417
		Plug seal set (10 pcs.) FPM	9614059409	9614059412	9614059415	9614059418
			51 mm	63.5 mm	76.1 mm	101.6 mm

Service kit for Actuator

□ Service kit, actuator 9611926500 9611926500 9611926500 9611926500

Service kit for Product wetted parts, standard

♦ Service kit, EPDM 9611926755 9611926756 9611926757 9611926758

♦ Service kit, HNBR 9611926759 9611926760 9611926761 9611926762

♦ Service kit, FPM 9611926763 9611926764 9611926765 9611926766

Parts marked with □♦ are included in the service kits.

Recommended spare parts: Service kits.

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger.

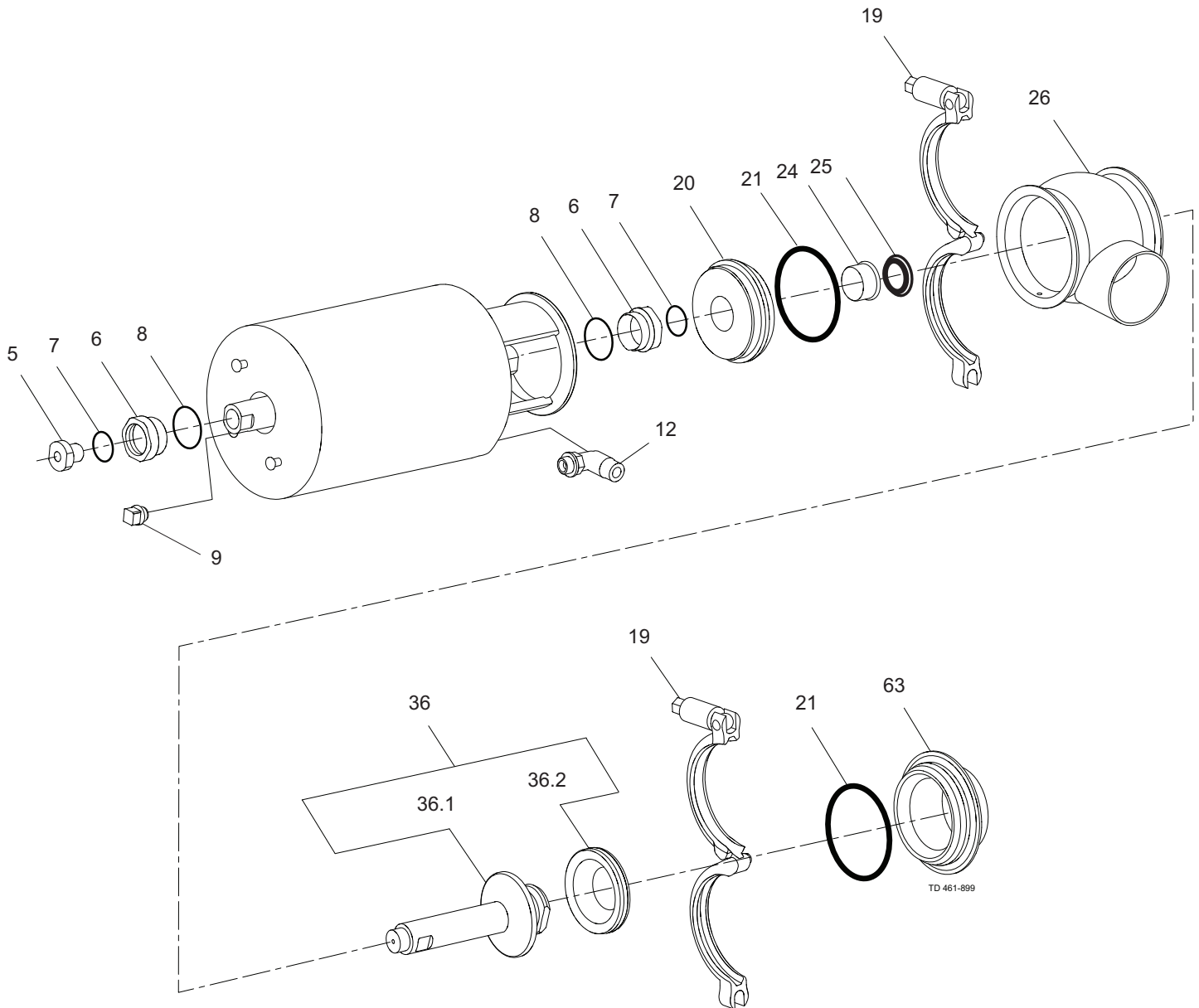


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



Pos	Qty	Denomination	2"	2½"	3"	4"
		Actuator, complete (NO)	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (NC)	9613154837	9613154838	9613154839	9613154840
		Actuator, complete (A/A)	9613154842	9613154843	9613154844	9613154845
5	1	Adapter, plastic (- 0115)				
	1	Adapter, steel (0115 - 0518)				
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701
6	□	2 Bushing				
7	□	2 O-ring				
8	□	2 O-ring				
9	1	Plug	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682
Clamp						
19	2	Clamp	9612939323	9612939324	9612939325	9612939326
Bonnet						
20	1	Bonnet	9613127103	9613127104	9613127105	9613127106
21	♦	2 O-ring, EPDM (standard)				
	2	O-ring, HNBR				
	2	O-ring, FPM				
		O-ring, set (10 pcs.) EPDM	9614059425	9614059428	9614059431	9614059434
		O-ring, set (10 pcs.) HNBR	9614059426	9614059429	9614059432	9614059435
		O-ring, set (10 pcs.) FPM	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002
25	♦	1 Lip seal, EPDM (standard)				
	1	Lip seal, HNBR				
	1	Lip seal, FPM				
		Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419
		Lip seal, set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420
		Lip seal, set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421
Valve Body						
26	1	Valve body, 1 port, clamp	9613169002	9613169004	9613169006	9613169008
	1	Valve body, 2 ports, clamp	9613169018	9613169020	9613169022	9613169024
	1	Valve body, 1 port, welding ends	9613444809	9613444811	9613444813	9613444815
	1	Valve body, 2 ports, welding ends	9613444810	9613444812	9613444814	9613444816
63	1	Port seal element, clamp	9634070601	9634070701	9634070801	9634070901
	1	Port seal element, welding ends	9634071101	9634071201	9634071301	9634071401
Valve Plug						
36	1	Plug, shut-off, complete	9613155803	9613155804	9613155805	9613155806
36.1	1	Plug, shut-off	9613151102	9613151103	9613151104	9613151105
36.2	♦	1 Plug seal, PTFE				
		Plug seal, set (10 pcs.) PTFE	9614059450	9614059451	9614059452	9614059453
			2"	2½"	3"	4"

Actuator

□	Service kit	9611926500	9611926500	9611926500	9611926500
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Product wetted parts

♦	Service kit, EPDM	9611926767	9611926768	9611926769	9611926770
♦	Service kit, HNBR	9611926771	9611926772	9611926773	9611926774
♦	Service kit, FPM	9611926775	9611926776	9611926777	9611926778

Recommended spare parts: Service kits

Parts marked with □ are included in the service kits (actuator).

Parts marked with ♦ are included in the service kits (product wetted parts).

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger.

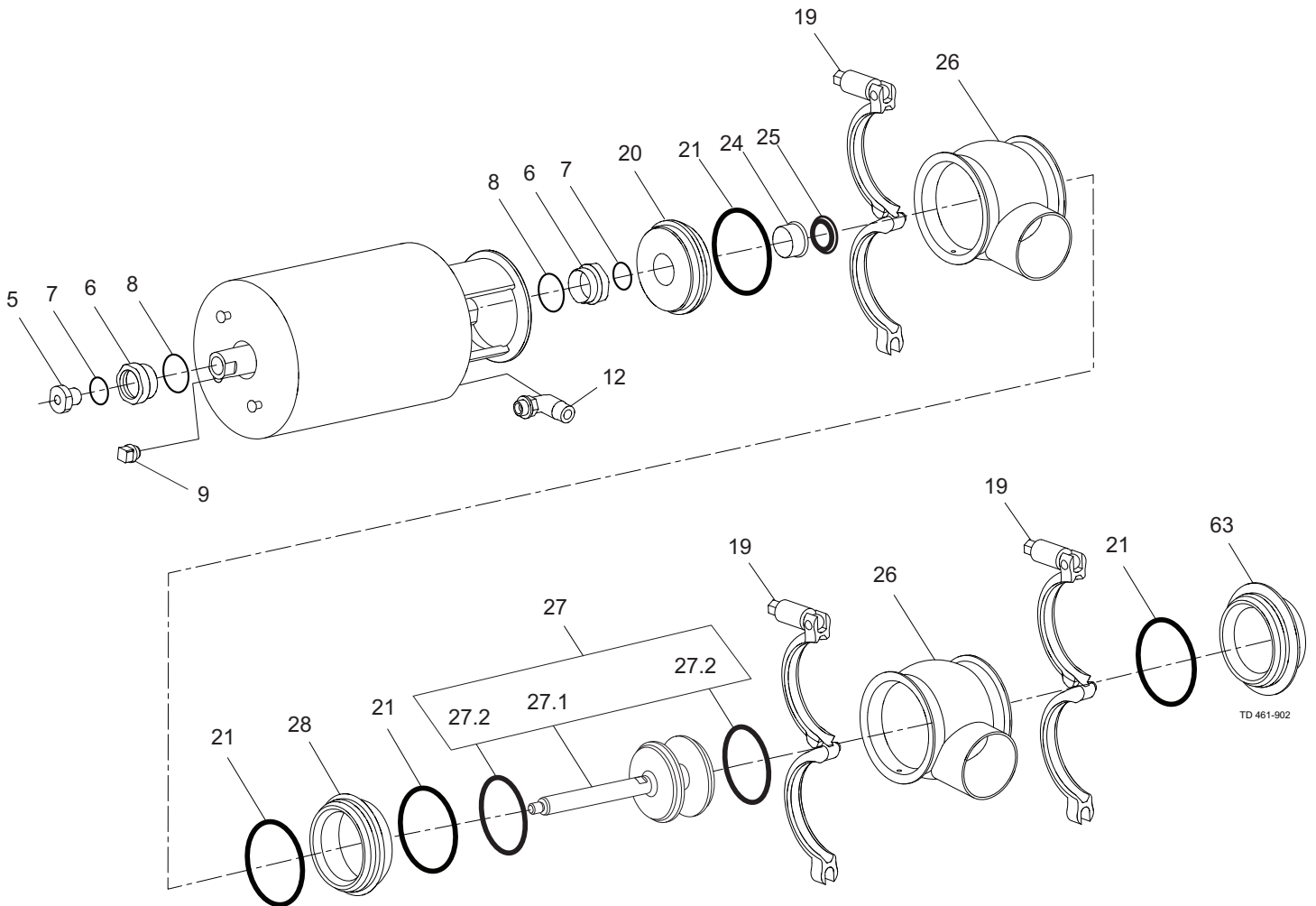


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



Pos	Qty	Denomination	2"	2½"	3"	4"
		Actuator, complete (NO)	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (NC)	9613154837	9613154838	9613154839	9613154840
		Actuator, complete (A/A)	9613154842	9613154843	9613154844	9613154845
5	1	Adapter, plastic (- 0115)				
	1	Adapter, steel (0115 - 0518)				
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701
6	□	2 Bushing				
7	□	2 O-ring				
8	□	2 O-ring				
9	1	Plug	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682
Clamp						
19	3	Clamp	9612939323	9612939324	9612939325	9612939326
Bonnet						
20	1	Bonnet	9613127103	9613127104	9613127105	9613127106
21	◆	4 O-ring, EPDM (standard)				
		4 O-ring, HNBR				
		4 O-ring, FPM				
		O-ring, set (10 pcs.) EPDM	9614059425	9614059428	9614059431	9614059434
		O-ring, set (10 pcs.) HNBR	9614059426	9614059429	9614059432	9614059435
		O-ring, set (10 pcs.) FPM	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002
25	◆	1 Lip seal, EPDM (standard)				
		1 Lip seal, HNBR				
		1 Lip seal, FPM				
		Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419
		Lip seal, set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420
		Lip seal, set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421
Seat						
28	1	Seat	9613127503	9613127504	9613127505	9613127506
Valve Body						
26	2	Valve body, 1 port, clamp	9613169002	9613169004	9613169006	9613169008
	2	Valve body, 2 ports, clamp	9613169018	9613169020	9613169022	9613169024
	2	Valve body, 1 port, welding ends	9613444809	9613444811	9613444813	9613444815
	2	Valve body, 2 ports, welding ends	9613444810	9613444812	9613444814	9613444816
63	1	Port seal element, clamp	9634070601	9634070701	9634070801	9634070901
	1	Port seal element, welding ends	9634071101	9634071201	9634071301	9634071401
Valve Plug						
27	1	Plug, change over, ISO complete, EPDM (standard)	9613127703	9613127704	9613127705	9613127706
	1	Plug, change over, ISO complete, HNBR	9613127715	9613127716	9613127717	9613127718
	1	Plug, change over, ISO complete, FPM	9613127727	9613127728	9613127729	9613127730
27.1	1	Plug, change over, ISO	9613140003	9613140004	9613140005	9613140006
27.2◆	2	Plug seal, EPDM (standard)				
	2	Plug seal, HNBR				
	2	Plug seal, FPM				
		Plug seal, set (10 pcs.) EPDM	9614059407	9614059410	9614059413	9614059416
		Plug seal, set (10 pcs.) HNBR	9614059408	9614059411	9614059414	9614059417
		Plug seal, set (10 pcs.) FPM	9614059409	9614059412	9614059415	9614059418
			2"	2½"	3"	4"

Actuator

Service kit	9611926500	9611926500	9611926500	9611926500
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Product wetted parts

Service kit, EPDM	9611926755	9611926756	9611926757	9611926758
Service kit, HNBR	9611926759	9611926760	9611926761	9611926762
Service kit, FPM	9611926763	9611926764	9611926765	9611926766

Recommended spare parts: Service kits

Parts marked with □ are included in the service kits (actuator).

Parts marked with ◆ are included in the service kits (product wetted parts).

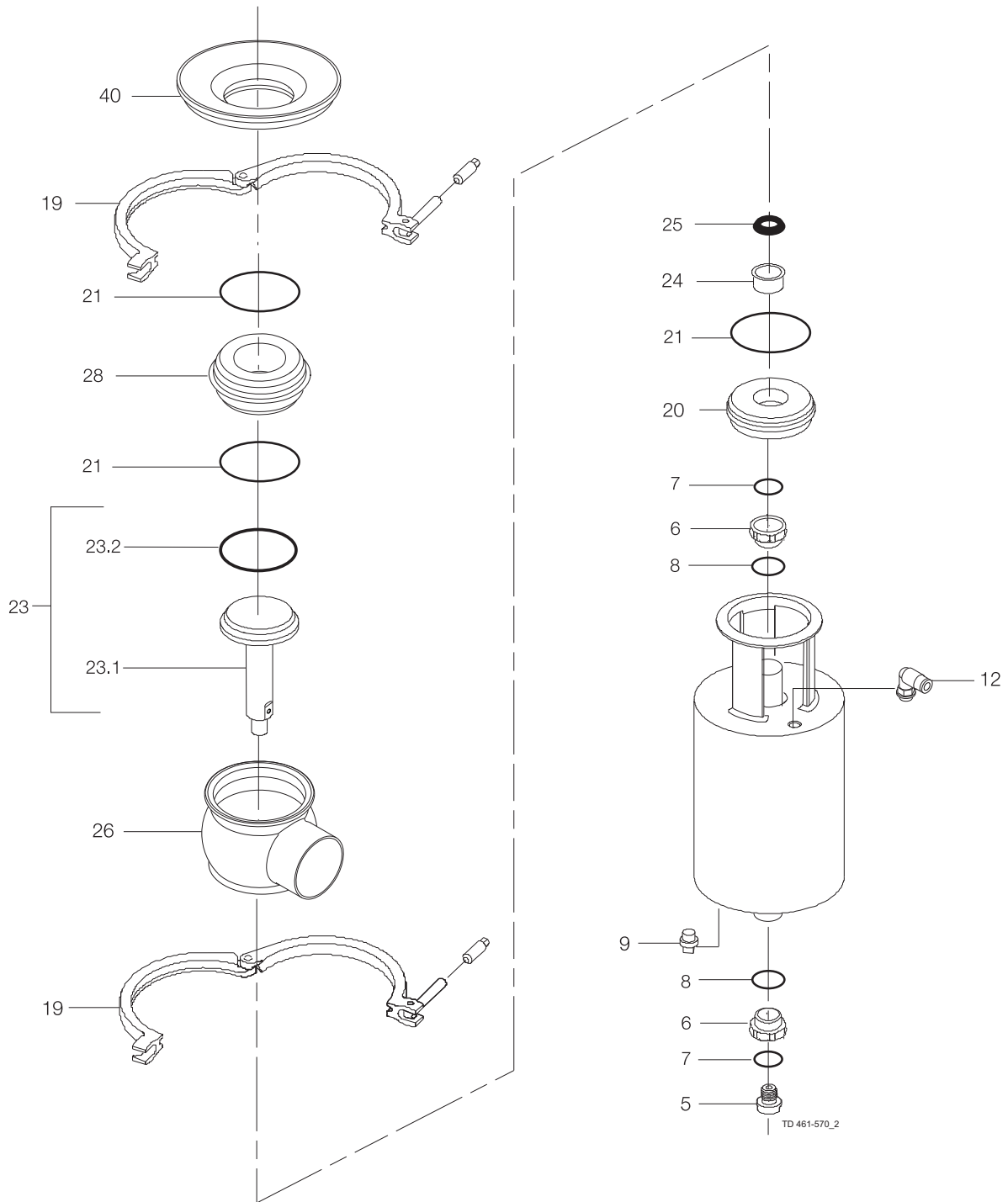
If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



TD 461-570_2

Pos	Qty	Denomination	DN 50 51 mm	DN 65 63.5 mm	DN 80 76.1 mm	DN 100 101.6 mm
Actuator						
		Actuator, complete (NO)	9613154802	9613154803	9613154804	9613154805
		Actuator, complete (NC)	9613154807	9613154808	9613154809	9613154810
		Actuator, complete (A/A)	9613154812	9613154813	9613154814	9613154815
5	1	Adapter, plastic (- 0115)				
	1	Adapter, steel (0115 - 0518)				
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701
6	□	2 Bushing				
7	□	2 O-ring				
8	□	2 O-ring				
9	1	Plug	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611991988	9611991988	9611991988	9611991988
Clamp						
19	2	Clamp	9612939304	9612939305	9612939306	9612939307
Bonnet						
20	1	Bonnet	9613127103	9613127104	9613127105	9613127106
21	♦	3 O-ring, EPDM (standard)				
	3	O-ring, HNBR				
	3	O-ring, FPM				
		O-ring set (10 pcs.) EPDM	9614059425	9614059428	9614059431	9614059434
		O-ring set (10 pcs.) HNBR	9614059426	9614059429	9614059432	9614059435
		O-ring set (10 pcs.) FPM	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002
25	♦	1 Lip seal, EPDM (standard)				
	1	Lip seal, HNBR				
	1	Lip seal, FPM				
		Lip seal set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419
		Lip seal set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420
		Lip seal set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421
Seat						
28	1	Seat	9613127503	9613127504	9613127505	9613127506
Valve Body						
26	1	Valve body, upper, 1 port ISO	9613139305	9613139307	9613139309	9613139311
	1	Valve body, upper, 2 ports ISO	9613139306	9613139308	9613139310	9613139312
	1	Valve body, upper, 1 port DIN	9613139405	9613139407	9613139409	9613139411
	1	Valve body, upper, 2 ports DIN	9613139406	9613139408	9613139410	9613139412
Tank flange						
40	1	Tank flange	9634069901	9634070001	9634070101	9634070201
Valve Plug						
23	1	Plug, shut-off, ISO, complete, EPDM (standard)	9613138803	9613138804	9613138805	9613138806
	1	Plug, shut-off, ISO, complete, HNBR	9613138815	9613138816	9613138817	9613138818
	1	Plug, shut-off, ISO, complete, FPM	9613138827	9613138828	9613138829	9613138830
	1	Plug, shut-off, DIN, complete, EPDM (standard)	9613138809	9613138810	9613138811	9613138812
	1	Plug, shut-off, DIN, complete, HNBR	9613138821	9613138822	9613138823	9613138824
	1	Plug, shut-off, DIN, complete, FPM	9613138833	9613138834	9613138835	9613138836
23.1	1	Plug, shut-off, ISO	9613139803	9613139804	9613139805	9613139806
	1	Plug, shut-off, DIN	9613139809	9613139810	9613139811	9613139812
23.2♦	1	Plug seal, EPDM (standard)				
	1	Plug seal, HNBR				
	1	Plug seal, FPM				
		Plug seal set (10 pcs.) EPDM	9614059407	9614059410	9614059413	9614059416
		Plug seal set (10 pcs.) HNBR	9614059408	9614059411	9614059414	9614059417
		Plug seal set (10 pcs.) FPM	9614059409	9614059412	9614059415	9614059418
Service kit for actuator						
□		Service kit, actuator	9611926500	9611926500	9611926500	9611926500
♦		Service kit, EPDM	9611926701	9611926702	9611926703	9611926704
♦		Service kit, HNBR	9611926705	9611926706	9611926707	9611926708
♦		Service kit, FPM	9611926709	9611926710	9611926711	9611926712

Parts marked with □♦ are included in the service kits.

Recommended spare parts: Service kits.

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger.

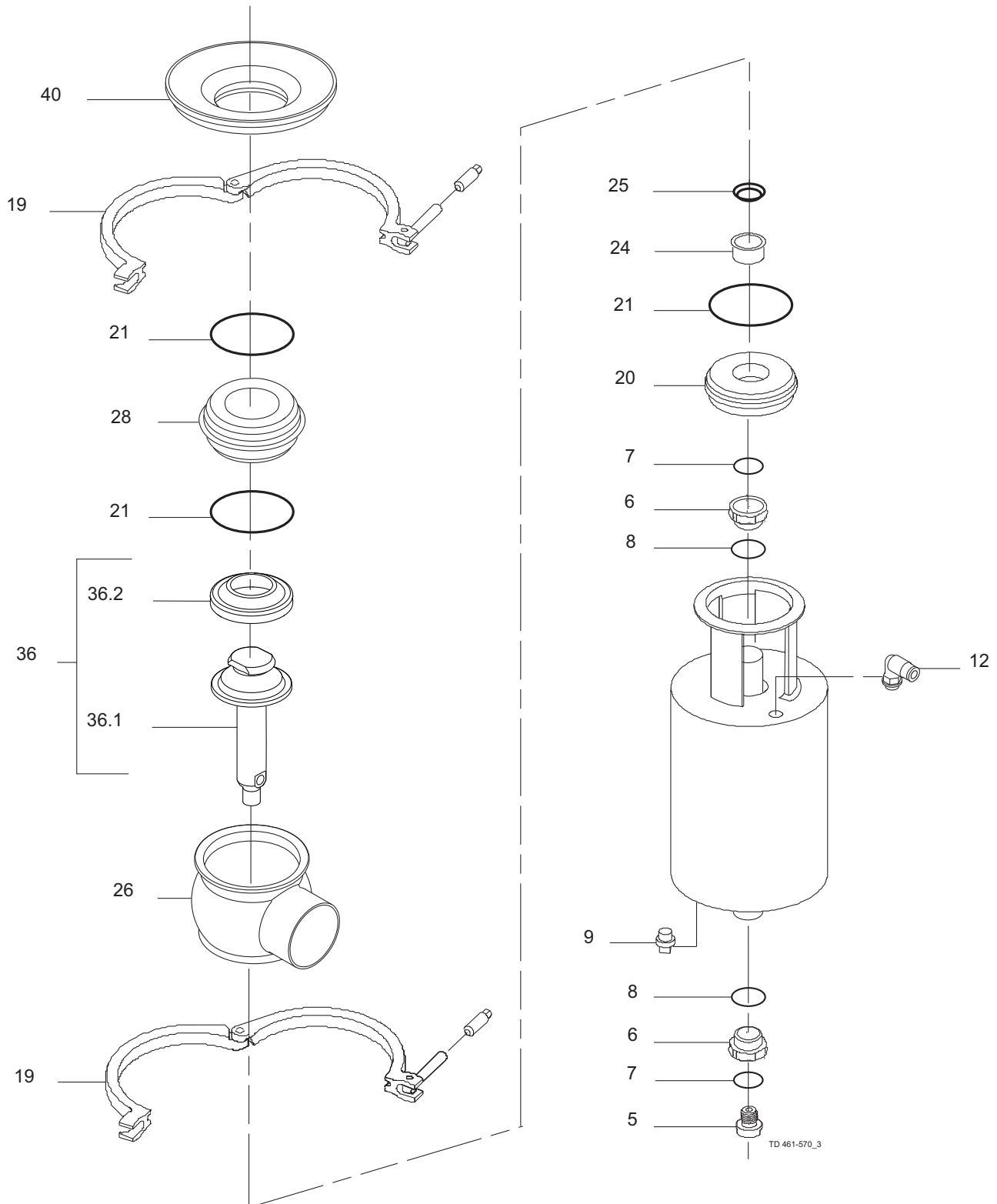


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



TD 461-570_3

Pos	Qty	Denomination	2"	2 1/2"	3"	4"
		Actuator, complete (NO)	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (NC)	9613154837	9613154838	9613154839	9613154840
		Actuator, complete (A/A)	9613154842	9613154843	9613154844	9613154845
5	1	Adapter, plastic (- 0115)				
	1	Adapter, steel (0115 - 0518)				
	1	Adapter, steel (0518 -)				
9	1	Plug	9615374701	9615374701	9615374701	9615374701
12	1(2)	Air fitting	9613414101	9613414101	9613414101	9613414101
19	2	Clamp	9611994682	9611994682	9611994682	9611994682
		9612939323	9612939324	9612939325	9612939326	
Bonnet						
20	1	Bonnet	9613127103	9613127104	9613127105	9613127106
21	♦ 3	O-ring, EPDM (standard)				
	3	O-ring, HNBR				
	3	O-ring, FPM				
		O-ring, set (10 pcs.) EPDM	9614059425	9614059428	9614059431	9614059434
		O-ring, set (10 pcs.) HNBR	9614059426	9614059429	9614059432	9614059435
		O-ring, set (10 pcs.) FPM	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002
25	♦ 1	Lip seal, EPDM (standard)				9613120501
	1	Lip seal, HNBR				
	1	Lip seal, FPM				
		Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419
		Lip seal, set (10 pcs.)HNBR	9614059420	9614059420	9614059420	9614059420
		Lip seal, set (10 pcs.)FPM	9614059421	9614059421	9614059421	9614059421
Seat						
28	1	Seat	9613127503	9613127504	9613127505	9613127506
Valve Body						
26	1	Valve body, upper, 1 ports , clamp	9613161505	9613161507	9613161509	9613161511
	1	Valve body, upper, 2 ports , clamp	9613161506	9613161508	9613161510	9613161512
	1	Valve body, upper, 1 ports, welding ends	9613139317	9613139319	9613139321	9613139323
	1	Valve body, upper, 2 ports, welding ends	9613139318	9613139320	9613139322	9613139324
Tank flange						
40	1	Tank flange	9634069901	9634070001	9634070101	9634070201
Valve Plug						
36	1	Plug, shut off, complete	9613155803	9613155804	9613155805	9613155806
36.1	1	Plug, shut off	9613151102	9613151103	9613151104	9613151105
36.2♦	1	Plug seal, PTFE				
		Plug seal, set (10 pcs.) PTFE	9614059450	9614059451	9614059452	9614059453
			2"	2 1/2"	3"	4"

Recommended spare parts: Service kits.

•	Service kit, actuator	9611926500	9611926500	9611926500	9611926500
♦	Service kit, EPDM	9611926713	9611926714	9611926715	9611926716
♦	Service kit, HNBR	9611926717	9611926718	9611926719	9611926720
♦	Service kit, FPM	9611926721	9611926722	9611926723	9611926724

Parts marked with ♦♦ are included in the service kits (actuator)

Parts marked with ♦♦♦ are included in the service kits (product wetted parts)

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger.

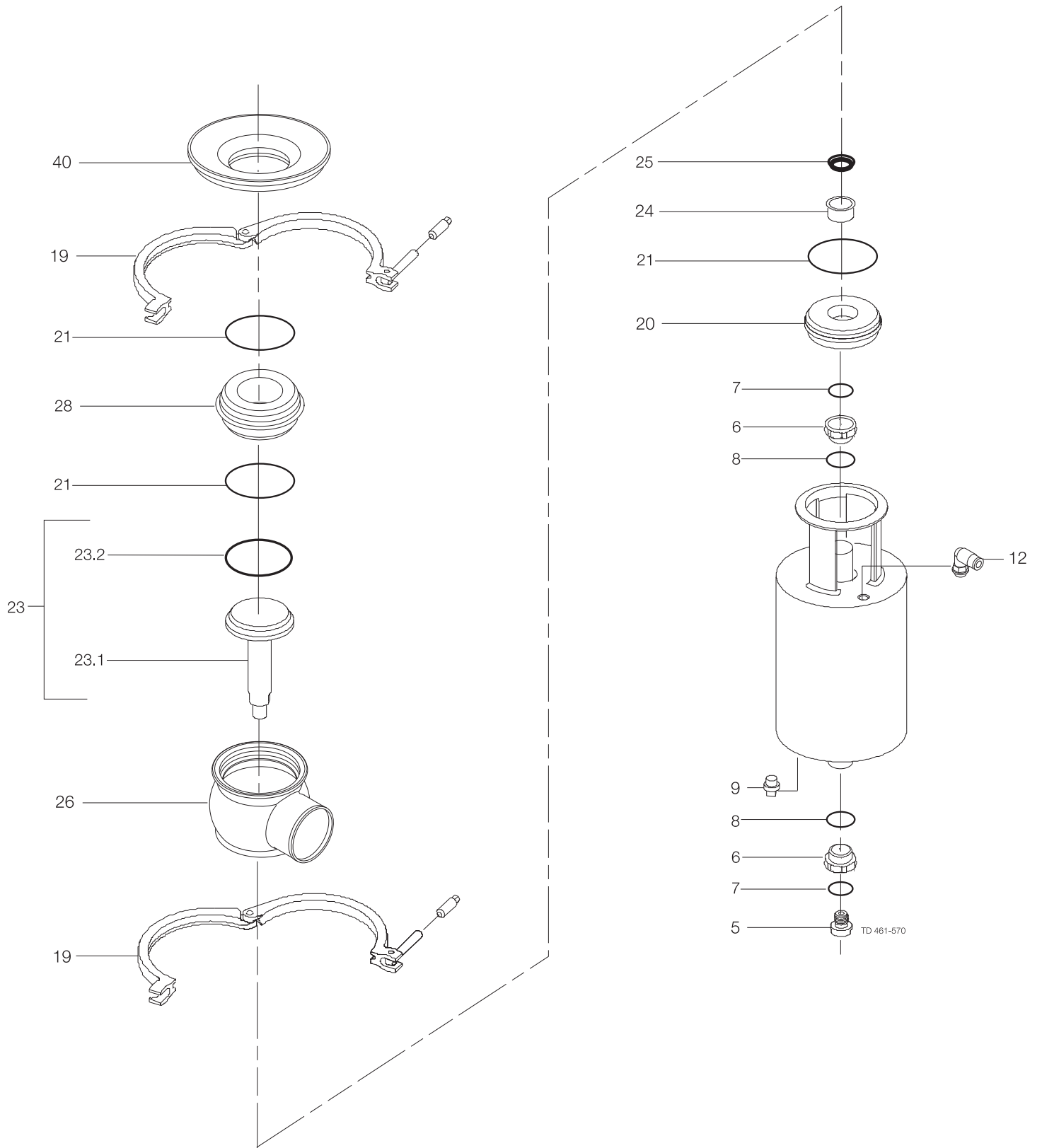


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND

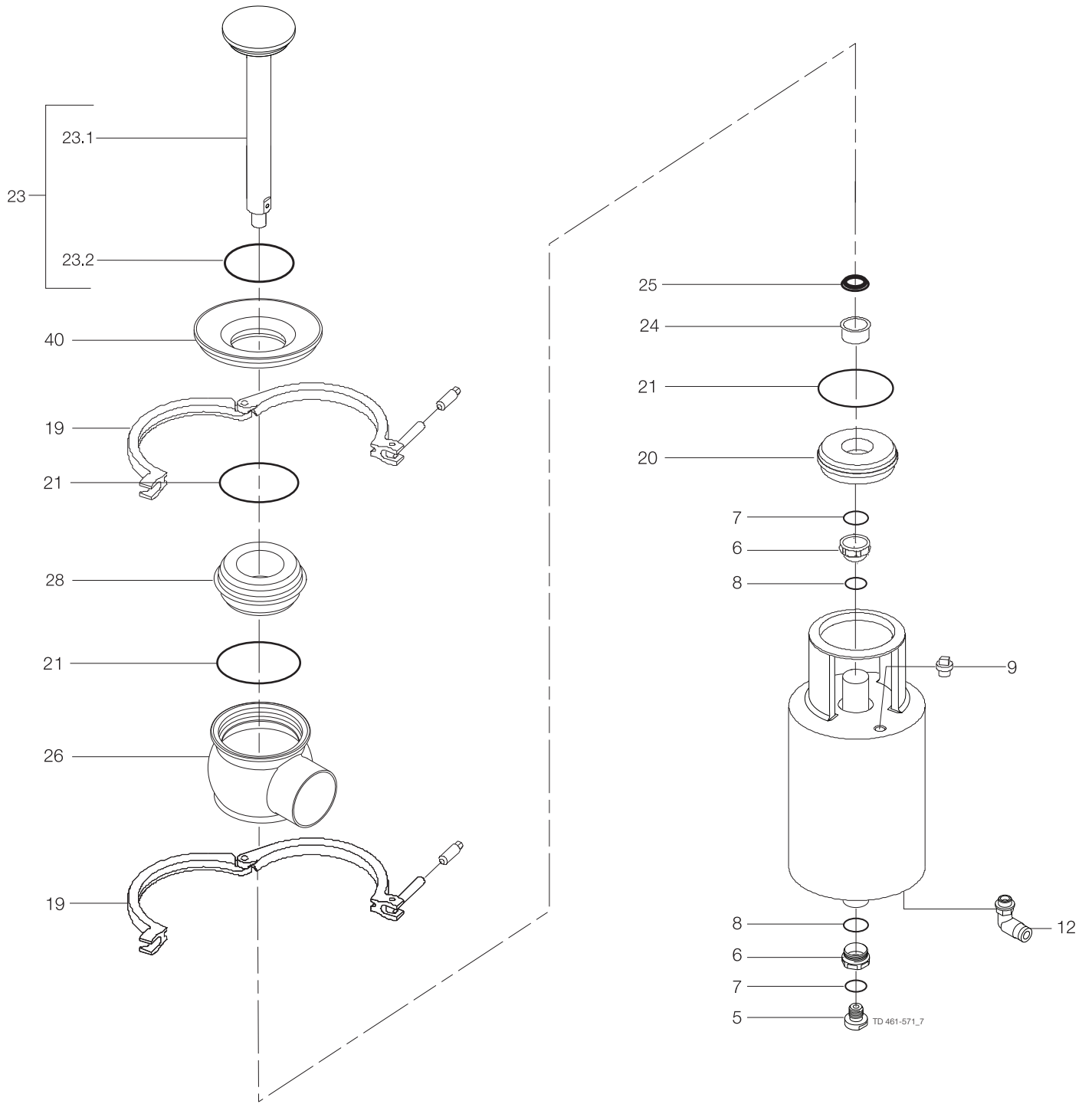


Do NOT attempt to cut the actuator open, due to spring under load danger.



Pos	Qty	Denomination	2"	2 1/2"	3"	4"
		Actuator, complete (NO)	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (NC)	9613154837	9613154838	9613154839	9613154840
		Actuator, complete (A/A)	9613154842	9613154843	9613154844	9613154845
5	1	Adapter, plastic (- 0115)				
	1	Adapter, steel (0115 - 0518)				
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701
6	•	2 Bushing				
7	•	2 O-ring				
8	•	2 O-ring				
9	1	Plug	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682
Clamp						
19	2	Clamp	9612939323	9612939324	9612939325	9612939326
Bonnet						
20	1	Bonnet	9613127103	9613127104	9613127105	9613127106
21	♦	3 O-ring, EPDM (stadard)				
	3	O-ring, NBR				
	3	O-ring, FPM				
		O-ring, set (10 pcs.) EPDM	9614059425	9614059428	9614059431	9614059434
		O-ring, set (10 pcs.) HNBR	9614059426	96140594289	9614059432	9614059435
		O-ring, set (10 pcs.) FPM	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002
25	♦	1 Lip seal, EPDM (standard)				
	1	Lip seal, NBR				
	1	Lip seal, FPM				
		Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419
		Lip seal, set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420
		Lip seal, set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421
Seat						
28	1	Seal	9613127503	9613127504	9613127505	9613127506
Valve Body						
26	1	Valve body, upper, 1 ports, clamp	9613161505	9613161507	9613161509	9613161511
	1	Valve body, upper, 2 ports, clamp	9613161506	9613161508	9613161510	9613161512
	1	Valve body, upper, 1 ports, welding ends	9613139317	9613139319	9613139321	9613139323
	1	Valve body, upper, 2 ports, welding ends	9613139318	9613139320	9613139322	9613139324
Tank flange						
40	1	Tank flange	9634069901	9634069901	9634069901	9634069901
Valve plug						
23	1	Plug, shut-off, complete, EDPM (standard)	9613138803	9613138804	9613138805	9613138806
	1	Plug, shut-off, complete, HNBR	9613138815	9613138816	9613138817	9613138818
	1	Plug, shut-off, complete, FPM	9613138827	9613138828	9613138829	9613138830
23.1	1	Plug, shut-off	9613139803	9613139804	9613139805	9613139806
23.2♦	1	Plug seal, EPDM (standard)				
	1	Plug seal, HNBR				
	1	Plug seal, FPM				
		Plug seal, set , (10 pcs.) EPDM	9614059407	9614059410	9614059413	9614059416
		Plug seal, set , (10 pcs.) HNBR	9614059408	9614059411	9614059414	9614059417
		Plug seal, set , (10 pcs.) FPM	9614059409	9614059412	9614059415	9614059418
			2"	2 1/2"	3"	4"
•		Service kit, actuator	9611926500	9611926500	9611926500	9611926500
♦		Service kit, EPDM	9611926701	9611926702	9611926703	9611926704
♦		Service kit, HNBR	9611926705	9611926706	9611926707	9611926708
♦		Service kit, FPM	9611926709	9611926710	9611926711	9611926712

Parts marked with ♦♦ are included in the service kits (actuator)
 Parts marked with ♦♦♦ are included in the service kits (product wetted parts)



Pos	Qty	Denomination	DN 50 51 mm	DN 65 63.5 mm	DN 80 76.1 mm	DN 100 101.6 mm
Actuator						
		Actuator, complete (NO-RA)	9613154807	9613154808	9613154809	9613154810
		Actuator, complete (NC-RA)	9613154802	9613154803	9613154804	9613154805
		Actuator, complete (A/A)	9613154812	9613154813	9613154814	9613154815
5	1	Adapter, plastic (- 0115)				
	1	Adapter, steel (0115 - 0518)				
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701
6	□	2 Bushing				
7	□	2 O-ring				
8	□	2 O-ring				
9	1	Plug	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611991988	9611991988	9611991988	9611991988
Clamp						
19	2	Clamp	9612939304	9612939305	9612939306	9612939307
Bonnet						
20	1	Bonnet	9613127103	9613127104	9613127105	9613127106
21	♦	3 O-ring, EPDM (standard)				
	3	O-ring, HNBR				
	3	O-ring, FPM				
		O-ring set (10 pcs.) EPDM	9614059425	9614059428	9614059431	9614059434
		O-ring set (10 pcs.) HNBR	9614059426	9614059429	9614059432	9614059435
		O-ring set (10 pcs.) FPM	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002
25	♦	1 Lip seal, EPDM (standard)				
	1	Lip seal, HNBR				
	1	Lip seal, FPM				
		Lip seal set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419
		Lip seal set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420
		Lip seal set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421
Seat						
28	1	Seat	9613127503	9613127504	9613127505	9613127506
Valve Body						
26	1	Valve body, upper, 1 port ISO	9613139305	9613139307	9613139309	9613139311
	1	Valve body, upper, 2 ports ISO	9613139306	9613139308	9613139310	9613139312
	1	Valve body, upper, 1 port DIN	9613139405	9613139407	9613139409	9613139411
	1	Valve body, upper, 2 ports DIN	9613139406	9613139408	9613139410	9613139412
Tank flange						
40	1	Tank flange	9634069901	9634070001	9634070101	9634070201
Valve Plug						
23	1	Plug, shut-off RA, ISO, complete, EPDM (standard)	9613127603	9613127604	9613127605	9613127606
	1	Plug, shut-off RA, ISO, complete, HNBR	9613127615	9613127616	9613127617	9613127618
	1	Plug, shut-off RA, ISO, complete, FPM	9613127627	9613127628	9613127629	9613127630
	1	Plug, shut-off RA, DIN, complete, EPDM (standard)	9613127609	9613127610	9613127611	9613127612
	1	Plug, shut-off RA, DIN, complete, HNBR	9613127621	9613127622	9613127623	9613127624
	1	Plug, shut-off RA, DIN, complete, FPM	9613127633	9613127634	9613127635	9613127636
23.1	1	Plug, shut-off RA, ISO	9613139903	9613139904	9613139905	9613139906
	1	Plug, shut-off RA, DIN	9613139909	9613139910	9613139911	9613139912
23.2♦	1	Plug seal, EPDM (standard)				
	1	Plug seal, HNBR				
	1	Plug seal, FPM				
		Plug seal set (10 pcs.) EPDM	9614059407	9614059410	9614059413	9614059416
		Plug seal set (10 pcs.) HNBR	9614059408	9614059411	9614059414	9614059417
		Plug seal set (10 pcs.) FPM	9614059409	9614059412	9614059415	9614059418
Service kit for actuator						
□		Service kit, actuator	9611926500	9611926500	9611926500	9611926500
♦		Service kit, EPDM	9611926701	9611926702	9611926703	9611926704
♦		Service kit, HNBR	9611926705	9611926706	9611926707	9611926708
♦		Service kit, FPM	9611926709	9611926710	9611926711	9611926712

Parts marked with □♦ are included in the service kits.

Recommended spare parts: Service kits.

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger.

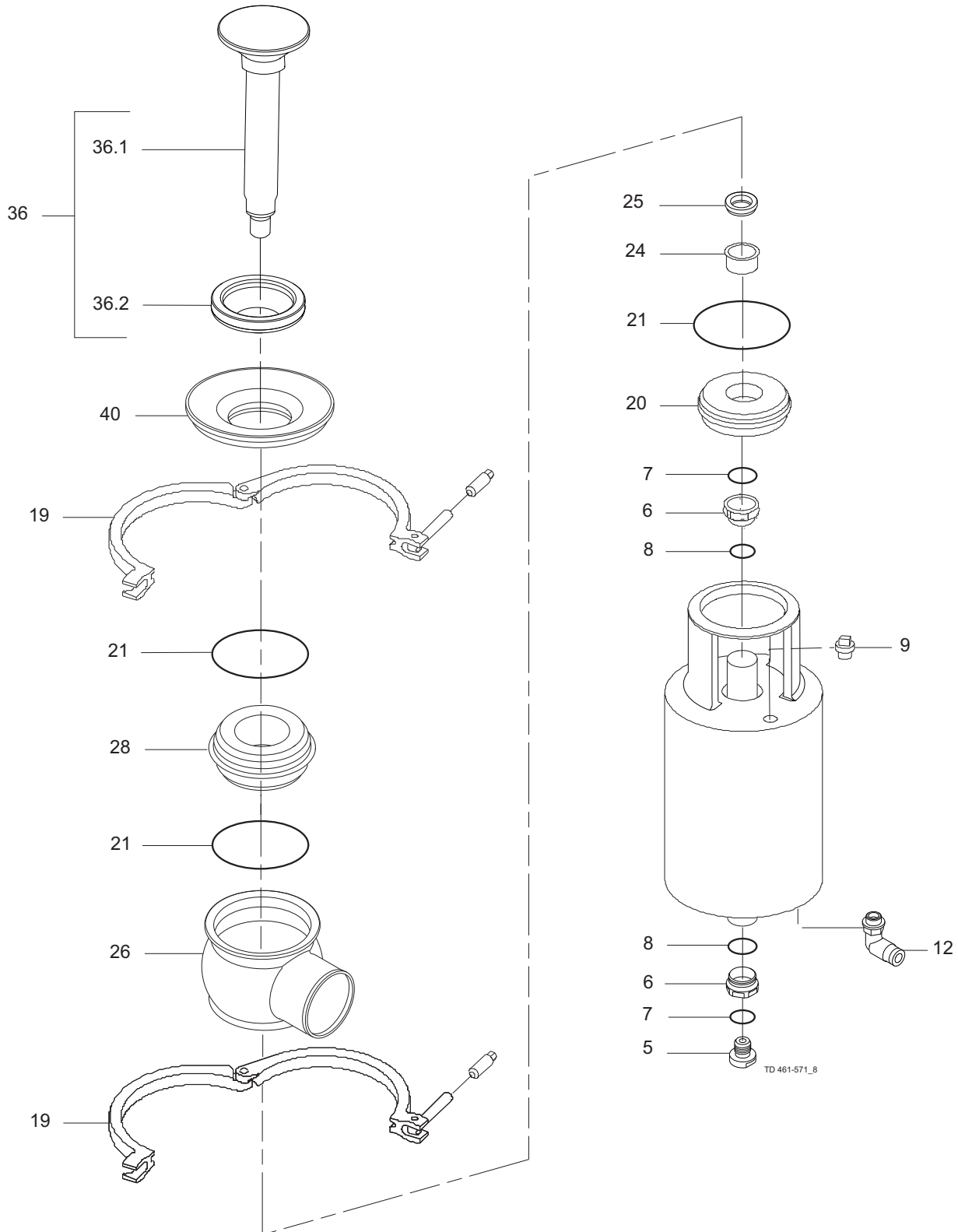


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



TD 461-571_8

Pos	Qty	Denomination	2"	2 1/2"	3"	4"
		Actuator, complete (NO-RA)	9613154837	9613154838	9613154839	9613154840
		Actuator, complete (NC-RA)	9613154832	9613154833	9613154834	9613154835
		Actuator, complete (A/A)	9613154842	9613154843	9613154844	9613154845
5	1	Adapter, plastic (- 0115)				
	1	Adapter, steel (0115 - 0518)				
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701
6	•	2 Bushing				
7	•	2 O-ring				
8	•	2 O-ring				
9	1	Plug	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682
Clamp						
19	2	Clamp	9612939323	9612939324	9612939325	9612939326
Bonnet						
20	1	Bonnet	9613127103	9613127104	9613127105	9613127106
21	♦	3 O-ring, EPDM (standard)				
	3	O-ring, HNBR				
	3	O-ring, FPM				
		O-ring, set (10 pcs.) EPDM	9614059425	9614059428	9614059431	9614059434
		O-ring, set (10 pcs.) HNBR	9614059426	9614059429	9614059432	9614059435
		O-ring, set (10 pcs.) FPM	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002
25	♦	1 Lip seal, EPDM (standard)				
	1	Lip seal, HNBR				
	1	Lip seal, FPM				
		Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419
		Lip seal, set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420
		Lip seal, set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421
Seat						
28	1	Seat	9613127503	9613127504	9613127505	9613127506
Valve Body						
26	1	Valve body, upper 1 ports, clamp	9613161505	9613161507	9613161509	9613161511
	1	Valve body, upper 2 ports, clamp	9613161506	9613161508	9613161510	9613161512
	1	Valve body, upper 1 ports, welding ends	9613139317	9613139319	9613139321	9613139323
	1	Valve body, upper 2 ports, welding ends	9613139318	9613139320	9613139322	9613139324
Tank flange						
40	1	Tank flange	9634069901	9634070001	9634070101	9634070201
Valve Plug						
36	1	Plug, shut off RA, complete	9613160803	9613160804	9613160805	9613160806
36.1	1	Plug, shut off RA,	9613160702	9613160703	9613160704	9613160705
		Plug seal, set (10 pcs.) PTFE	9614059450	9614059451	9614059452	9614059453
			2"	2 1/2"	3"	4"
•		Service kit, actuator	9611926500	9611926500	9611926500	9611926500
♦		Service kit, EPDM	9611926713	9611926714	9611926715	9611926716
♦		Service kit, HNBR	9611926717	9611926718	9611926719	9611926720
♦		Service kit, FPM	9611926721	9611926722	9611926723	9611926724

Parts marked with •• are included in the service kits (actuator)

Parts marked with ••• are included in the service kits (product wetted parts)

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger.

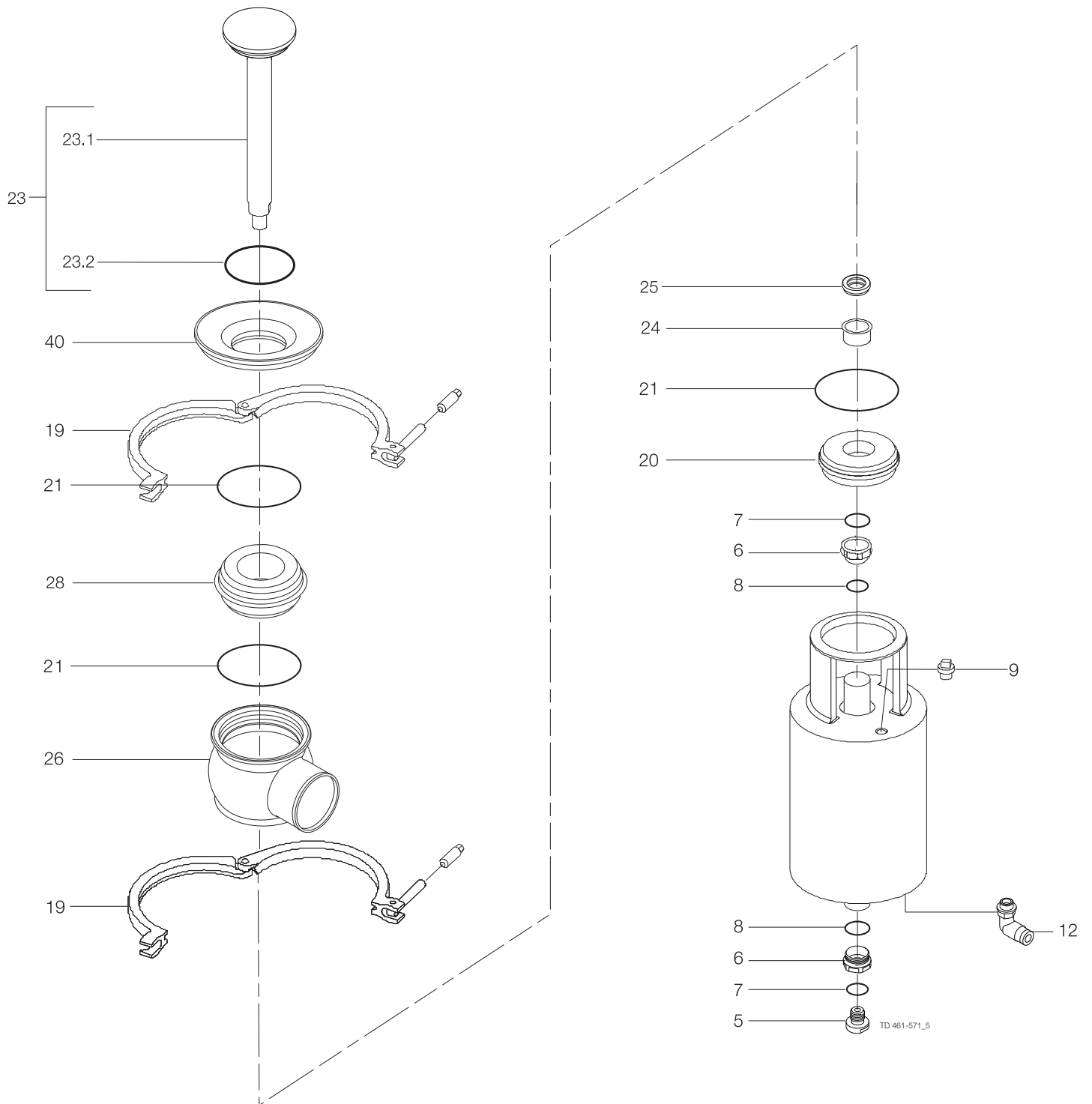


Do NOT attempt to cut the actuator open, due to spring under load danger.

AND



Do NOT attempt to cut the actuator open, due to spring under load danger.



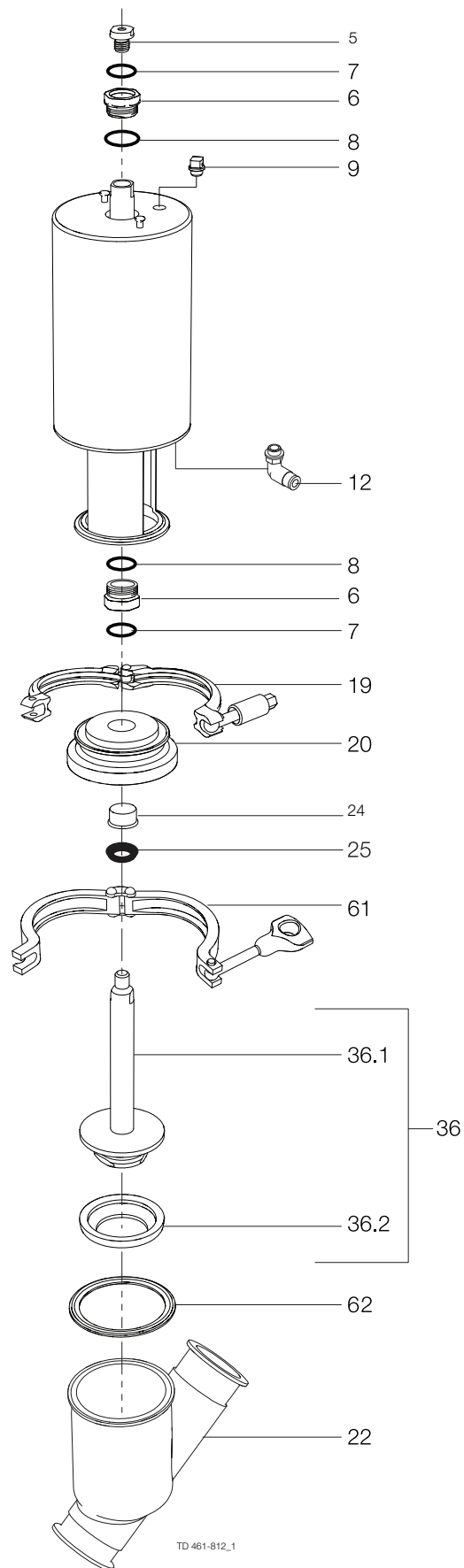
Pos	Qty	Denomination	2"	2 1/2"	3"	4"
Actuator						
		Actuator, complete (NO-RA)	9613154807	9613154808	9613154809	9613154810
		Actuator, complete (NC-RA)	9613154802	9613154803	9613154804	9613154805
		Actuator, complete (A/A)	9613154812	9613154813	9613154814	9613154815
5	1	Adapter, plastic (- 0115)				
	1	Adapter, steel (0115 - 0518)				
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701
6	□	Bushing				
7	□	O-ring				
8	□	O-ring				
9	1	Plug	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611991988	9611991988	9611991988	9611991988
Clamp						
19	2	Clamp	9612939304	9612939305	9612939306	9612939307
Bonnet						
20	1	Bonnet	9613127103	9613127104	9613127105	9613127106
21	♦	O-ring, EPDM (standard)				
	3	O-ring, HNBR				
	3	O-ring, FPM				
		O-ring set, (10 pcs.) EPDM	9614059425	9614059428	9614059431	9614059434
		O-ring set, (10 pcs.) HNBR	9614059426	9614059429	9614059432	9614059435
		O-ring set, (10 pcs.) FPM	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002
25	♦	Lip seal, EPDM (standard)				
	1	Lip seal, HNBR				
	1	Lip seal, FPM				
		Lip seal set, (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419
		Lip seal set, (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420
		Lip seal set, (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421
Seat						
28	1	Seat	9613127503	9613127504	9613127505	9613127506
Valve Body						
26	1	Valve body, upper, 1 port ISO	9613139305	9613139307	9613139309	9613139311
	1	Valve body, upper, 2 ports ISO	9613139306	9613139308	9613139310	9613139312
	1	Valve body, upper, 1 port DIN	9613139405	9613139407	9613139409	9613139411
	1	Valve body, upper, 2 ports DIN	9613139406	9613139408	9613139410	9613139412
Tank flange						
40	1	Tank flange	9634069901	9634070001	9634070101	9634070201
Valve Plug						
23	1	Plug, shut-off RA, ISO, complete, EPDM (standard)	9613127603	9613127604	9613127605	9613127606
	1	Plug, shut-off RA, ISO, complete, HNBR	9613127615	9613127616	9613127617	9613127618
	1	Plug, shut-off RA, ISO, complete, FPM	9613127627	9613127628	9613127629	9613127630
	1	Plug, shut-off RA, DIN, complete, EPDM (standard)	9613127609	9613127610	9613127611	9613127612
	1	Plug, shut-off RA, DIN, complete, HNBR	9613127621	9613127622	9613127623	9613127624
	1	Plug, shut-off RA, DIN, complete, FPM	9613127633	9613127634	9613127635	9613127636
23.1	1	Plug, shut-off RA, ISO	9613139903	9613139904	9613139905	9613139906
	1	Plug, shut-off RA, DIN	9613139909	9613139910	9613139911	9613139912
23.2♦	1	Plug seal, EPDM (standard)				
	1	Plug seal, HNBR				
	1	Plug seal, FPM				
		Plug seal set, (10 pcs.) EPDM	9614059407	9614059410	9614059413	9614059416
		Plug seal set, (10 pcs.) HNBR	9614059408	9614059411	9614059414	9614059417
		Plug seal set, (10 pcs.) FPM	9614059409	9614059412	9614059415	9614059418
			2"	2 1/2"	3"	4"
Service kit for Elastomer and TR2						
□		Service kit	9611926500	9611926500	9611926500	9611926500
Service kit for Product wetted parts (standard)						
♦		Service kit, EPDM	9611926701	9611926702	9611926703	9611926704
♦		Service kit, HNBR	9611926705	9611926706	9611926707	9611926708
♦		Service kit, FPM	9611926709	9611926710	9611926711	9611926712
Service kit for Product wetted parts (standard)						
♦		Service kit, EPDM	9611926713	9611926714	9611926715	9611926716
♦		Service kit, HNBR	9611926717	9611926718	9611926719	9611926720
♦		Service kit, FPM	9611926721	9611926722	9611926723	9611926724

Parts marked with □♦ are included in the service kits.

Recommended spare parts: Service kits.

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Pos	Qty	Denomination	2" 51 mm	2½" 63.5 mm	3" 76.1 mm	4" 101.6 mm
Actuator						
		Actuator, complete (NO)	9613154817	9613154818	9613154819	9613154820
		Actuator, complete (NC)	9613154822	9613154823	9613154824	9613154825
		Actuator, complete (A/A)	9613154827	9613154828	9613154829	9613154830
5	1	Adapter, plastic (- 0115)				
	1	Adapter, steel (0115 - 0518)				
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701
6	□	2 Bushing				
7	□	2 O-ring				
8	□	2 O-ring				
9	1	Plug	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611991988	9611991988	9611991988	9611991988
Clamp						
19	1	Clamp	9612939304	9612939305	9612939306	9612939307
61	1	Clamp, body	212207	755345	755114	270085
Bonnet						
20	1	Bonnet	9634072001	9634072101	9634072201	9634072301
62	♦	1 Gasket, EPDM (standard)				
	1	Gasket, Buna				
	1	Gasket, FPM				
		Gasket set, 10 pcs., EPDM	9614059454	9614059455	9614059456	9614059457
		Gasket set, 10 pcs., Buna	9614059458	9614059459	9614059460	9614059461
		Gasket set, 10 pcs., FPM	9614059462	9614059463	9614059464	9614059465
24	1	Bushing	9613125002	9613125002	9613125002	9613125002
25	♦	1 Lip seal, EPDM (standard)				
	1	Lip seal, HNBR				
	1	Lip seal, FPM				
		Lip seal set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419
		Lip seal set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420
		Lip seal set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421
Valve Body						
22	1	Valve body	623368	620754	625854	620235
Valve Plug						
36	1	Plug, complete	9613173001	9613173002	9613173003	9613173004
36.1	1	Plug	9634075901	9634076001	9634076101	9634076201
36.2♦	1	Plug seal, PTFE				
			2"	2½"	3"	4"
			51 mm	63.5 mm	76.1 mm	101.6 mm

Service kit for Actuator

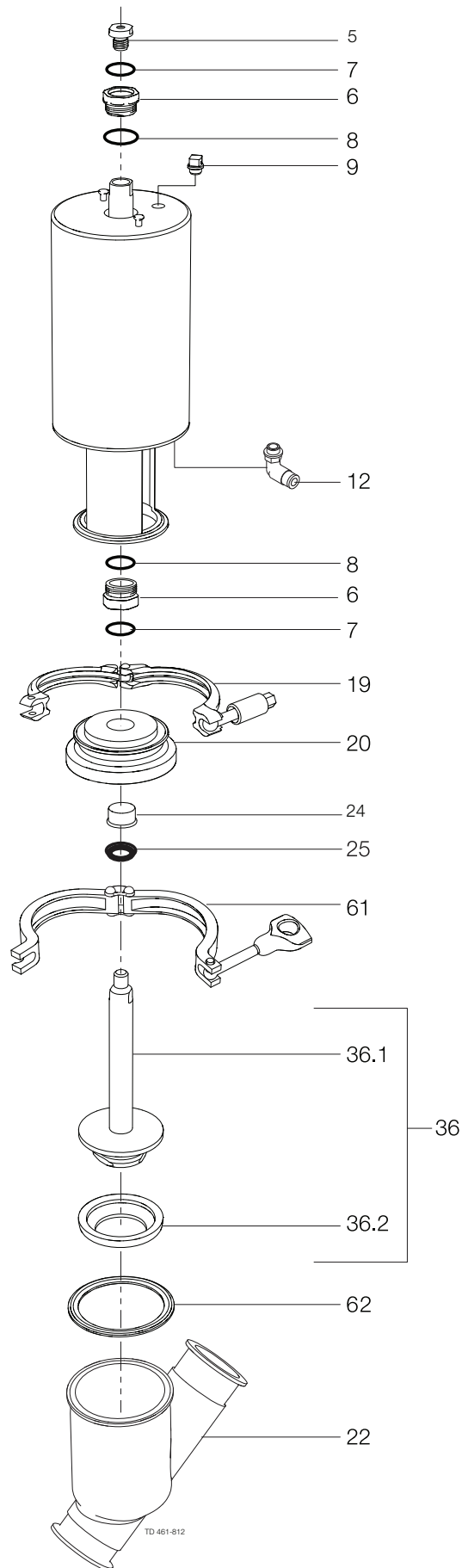
□	Service kit	9611926500	9611926500	9611926500	9611926500
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Service kit for Product wetted parts, standard

♦	Service kit, EPDM	9611926815	9611926816	9611926817	9611926818
♦	Service kit, HNBR/NBR	9611926819	9611926820	9611926821	9611926822
♦	Service kit, FPM	9611926823	9611926824	9611926825	9611926826

Parts marked with □♦ are included in the service kits.

Recommended spare parts: Service kits.



Single seat valves

Unique SSV, Y-body (US version)

Pos	Qty	Denomination	2"	2½"	3"	4"
		Actuator, complete (NO)	9613154847	9613154848	9613154849	9613154850
		Actuator, complete (NC)	9613154852	9613154853	9613154854	9613154855
		Actuator, complete (A/A)	9613154857	9613154858	9613154859	9613154860
5	1	Adapter, plastic (- 0115)				
	1	Adapter, steel (0115 - 0518)				
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701
6	□	2 Bushing				
7	□	2 O-ring				
8	□	2 O-ring				
9	1	Plug	9613414101	9613414101	9613414101	9613414101
12	1(2)	Air fitting	9611994682	9611994682	9611994682	9611994682
Clamp						
19	1	Clamp	9612939323	9612939324	9612939325	9612939326
61	1	Clamp, body	212207	755345	755114	270085
Bonnet						
20	1	Bonnet	9634072001	9634072101	9634072201	9634072301
62	♦	1 Gasket, EPDM (standard)				
	1	Gasket, Buna				
	1	Gasket, FPM				
		Gasket set, 10 pcs., EPDM	9614059454	9614059455	9614059456	9614059457
		Gasket set, 10 pcs., Buna	9614059458	9614059459	9614059460	9614059461
		Gasket set, 10 pcs., FPM	9614059462	9614059463	9614059464	9614059465
24	1	Bushing	9613125002	9613125002	9613125002	9613125002
25	♦	1 Lip seal, EPDM (standard)				
	1	Lip seal, HNBR				
	1	Lip seal, FPM				
		Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419
		Lip seal, set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420
		Lip seal, set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421
Valve Body						
22	1	Valve body	623368	620754	625854	620235
Valve Plug						
36	1	Plug, complete	9613173001	9613173002	9613173003	9613173004
36.1	1	Plug	9634075901	9634076001	9634076101	9634076201
36.2♦	1	Plug seal, PTFE				
		Plug seal, set (10 pcs.) PTFE	9614059450	9614059451	9614059452	9614059453
			2"	2½"	3"	4"

Actuator

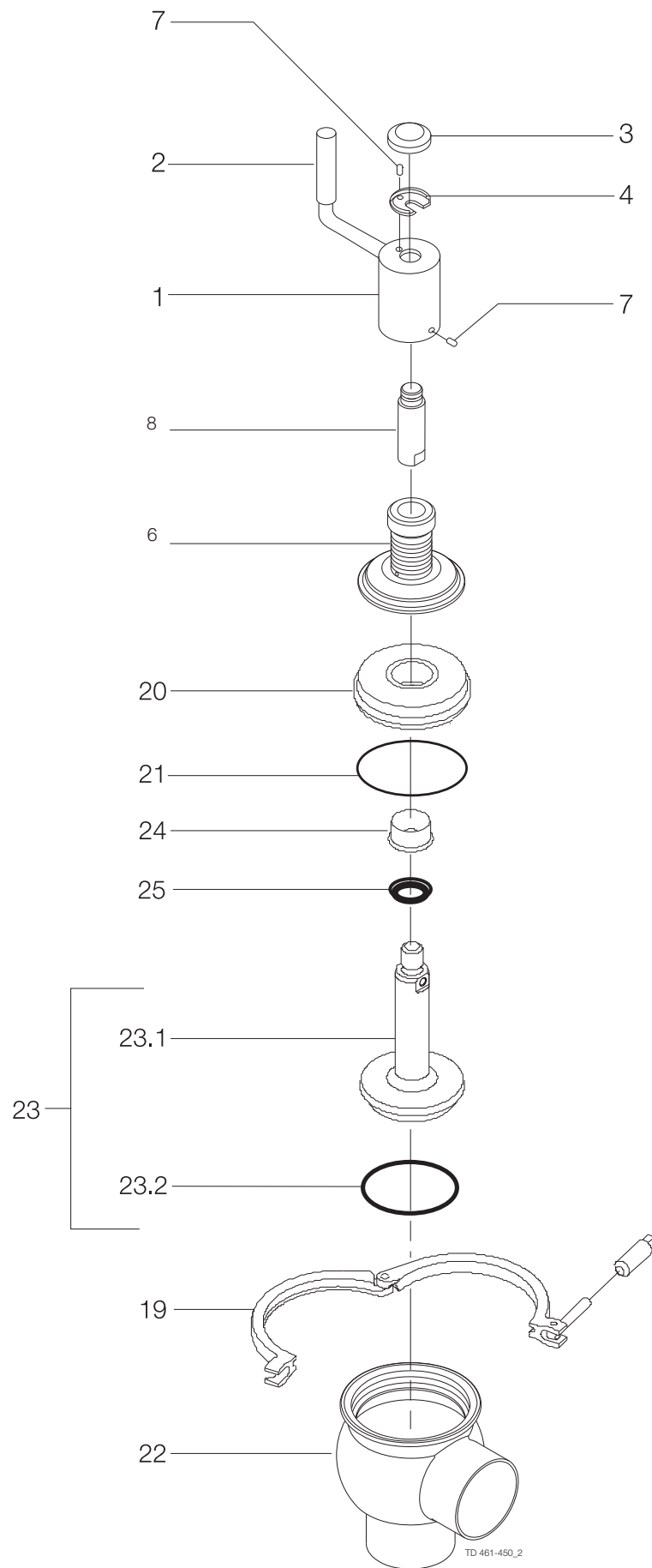
□	Service kit	9611926500	9611926500	9611926500	9611926500
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Product wetted parts

♦	Service kit, EPDM	9611926815	9611926816	9611926817	9611926818
♦	Service kit, HNBR/NBR	9611926819	9611926820	9611926821	9611926822
♦	Service kit, FPM	9611926823	9611926824	9611926825	9611926826

Recommended spare parts: Service kits

Parts marked with □♦ are included in the service kits.



Pos	Qty	Denomination	DN 25 25 mm	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76.1 mm	DN 100 101.6 mm
Actuator								
		Crank mechanism complete . . .	9613163401	9613163401	9613163402	9613163403	9613163404	9613163405
1	1	Crank	3135304621	3135304621	3135304621	3135304621	3135304621	3135304621
2	1	Handle (included in pos. 1)	3135304951	3135304951	3135304951	3135304951	3135304951	3135304951
3	1	Cap	3135304681	3135304681	3135304681	3135304681	3135304681	3135304681
4	1	Washer	3135304671	3135304671	3135304671	3135304671	3135304671	3135304671
8	1	Stem holder	9613162401	9613162401	9613162401	9613162401	9613162401	9613162401
6	1	Guide	9613162301	9613162301	9613162302	9613162303	9613162304	9613162305
7	2	Set screw	22158192	22158192	22158192	22158192	22158192	22158192
Clamp								
19	1	Clamp	9612939303	9612939303	9612939304	9612939305	9612939306	9612939307
Bonnet								
20	1	Bonnet	9613127102	9613127102	9613127103	9613127104	9613127105	9613127106
21	□	O-ring, EPDM (standard)						
	1	O-ring, HNBR						
	1	O-ring, FPM						
		O-ring set (10 pcs.) EPDM	9614059422	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring set (10 pcs.) HNBR	9614059423	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring set (10 pcs.) FPM	9614059424	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
25	□	Lip seal, EPDM (standard)						
	1	Lip seal, HNBR						
	1	Lip seal, FPM						
		Lip seal set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419	9614059419
		Lip seal set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420	9614059420
		Lip seal set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421	9614059421
Valve Body								
22	1	Valve body, lower, 2 ports ISO . .	9613139501	9613139503	9613139505	9613139507	9613139509	9613139511
	1	Valve body, lower, 3 ports ISO . .	9613139502	9613139504	9613139506	9613139508	9613139510	9613139512
	1	Valve body, lower, 2 ports DIN . .	9613139601	9613139603	9613139605	9613139607	9613139609	9613139611
	1	Valve body, lower, 3 ports DIN . .	9613139602	9613139604	9613139606	9613139608	9613139610	9613139612
Valve Plug								
23	1	Plug, shut-off, ISO, complete, EPDM (standard)	9613138801	9613138802	9613138803	9613138804	9613138805	9613138806
	1	Plug, shut-off, ISO, complete, HNBR	9613138813	9613138814	9613138815	9613138816	9613138817	9613138818
	1	Plug, shut-off, ISO, complete, FPM	9613138825	9613138826	9613138827	9613138828	9613138829	9613138830
	1	Plug, shut-off, DIN, complete, EPDM (standard)	9613138807	9613138808	9613138809	9613138810	9613138811	9613138812
	1	Plug, shut-off, DIN, complete, HNBR	9613138819	9613138820	9613138821	9613138822	9613138823	9613138824
	1	Plug, shut-off, DIN, complete, FPM	9613138831	9613138832	9613138833	9613138834	9613138835	9613138836
23.1	1	Plug, shut-off, ISO	9613149601	9613139802	9613139803	9613139804	9613139805	9613139806
	1	Plug, shut-off, DIN	9613149602	9613139808	9613139809	9613139810	9613139811	9613139812
23.2	□	Plug seal, EPDM (standard)						
	1	Plug seal, HNBR						
	1	Plug seal, FPM						
		Plug seat set (10 pcs.) EPDM	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seat set (10 pcs.) HNBR	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seat set (10 pcs.) FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418
			DN 25 25 mm	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76.1 mm	DN 100 101.6 mm

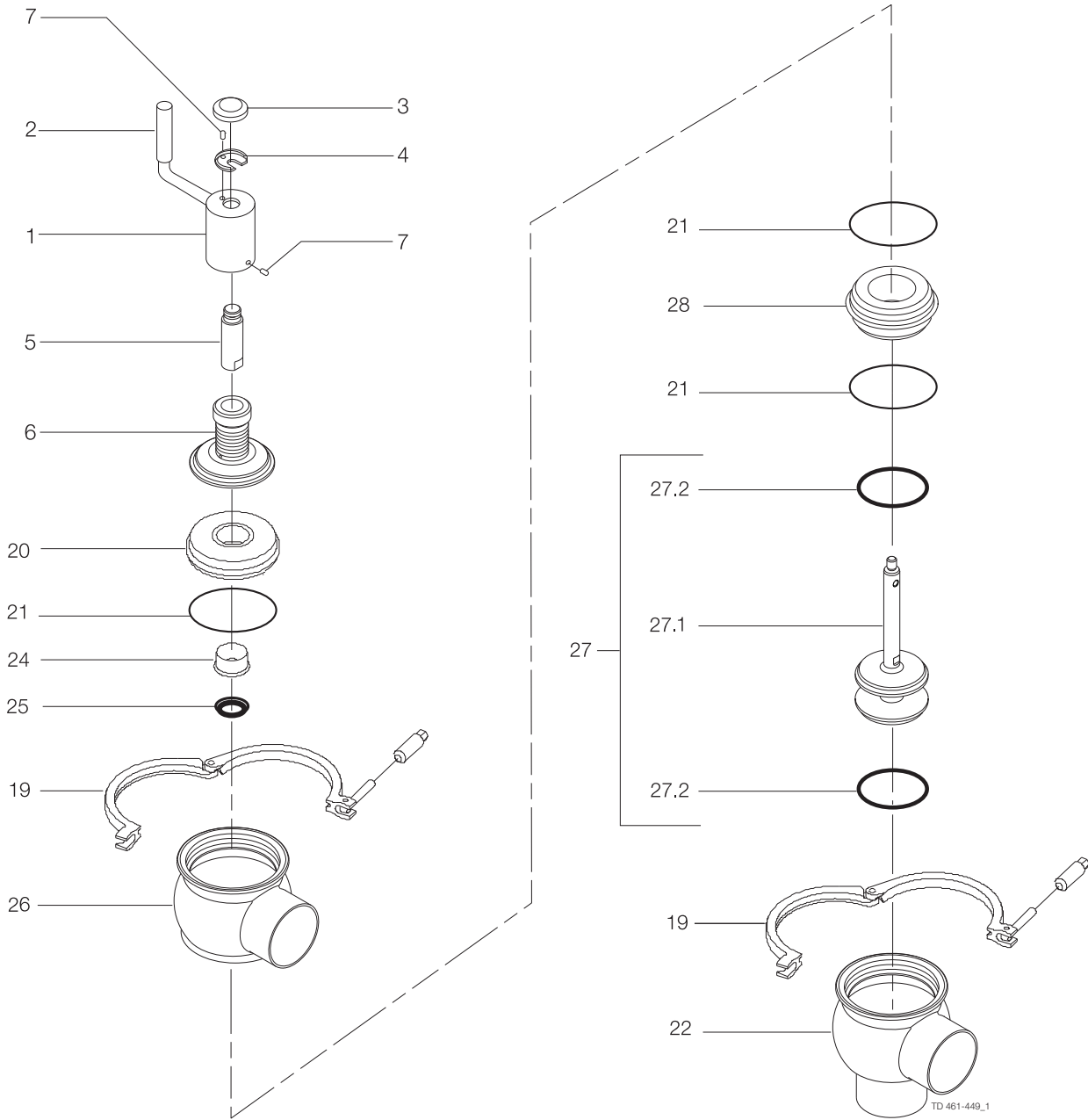
Service kit for product wetted parts, standard

□	Service kit, EPDM	9611926501	9611926502	9611926503	9611926504	9611926505	9611926506
□	Service kit, HNBR	9611926507	9611926508	9611926509	9611926510	9611926511	9611926512
□	Service kit, FPM	9611926513	9611926514	9611926515	9611926516	9611926517	9611926518

Parts marked with □ are included in the service kits (product wetted parts)

Recommended spare parts: Service kits.

TD 900-383/2



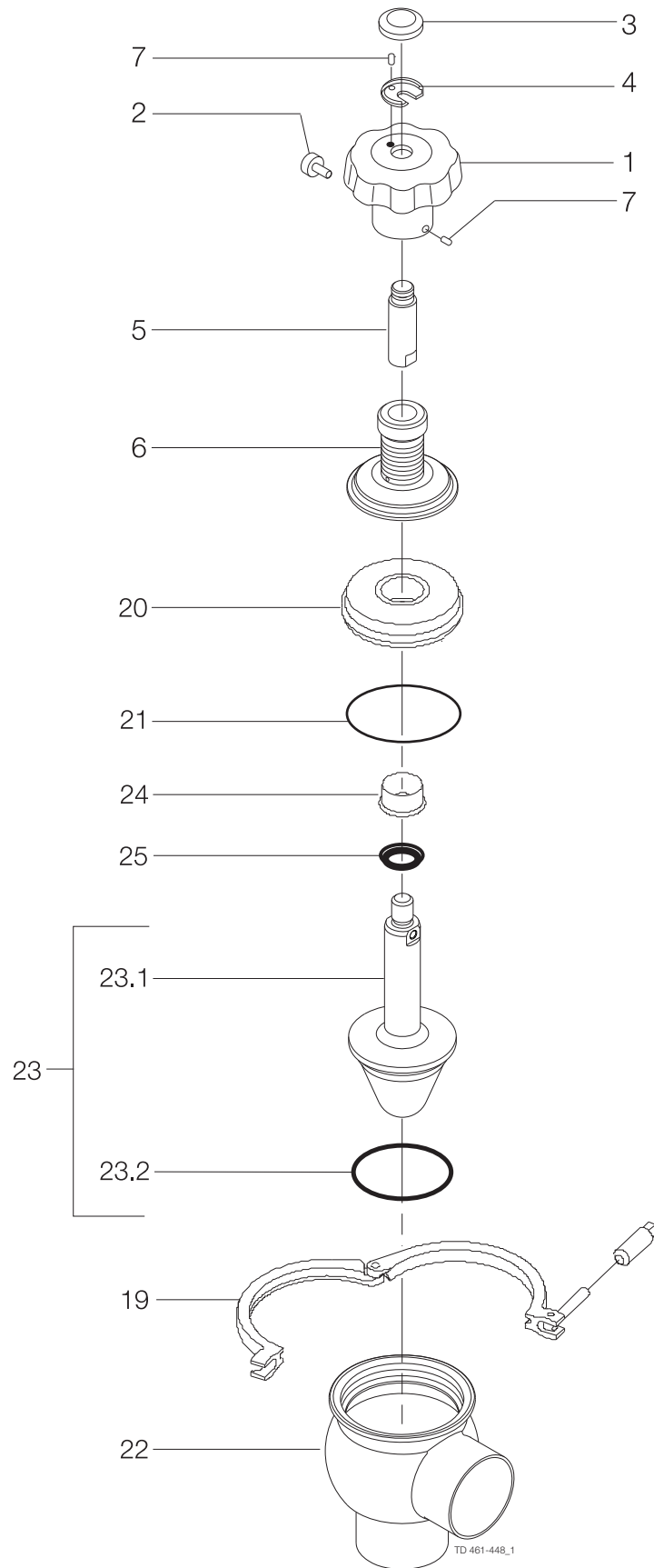
Pos	Qty	Denomination	DN 25 25 mm	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76.1 mm	DN 100 101.6 mm
Actuator								
		Crank mechanism complete . . .	9613163401	9613163401	9613163402	9613163403	9613163404	9613163405
1	1	Crank	3135304621	3135304621	3135304621	3135304621	3135304621	3135304621
2	1	Handle (included in pos. 1)	3135304951	3135304951	3135304951	3135304951	3135304951	3135304951
3	1	Cap	3135304681	3135304681	3135304681	3135304681	3135304681	3135304681
4	1	Washer	3135304671	3135304671	3135304671	3135304671	3135304671	3135304671
8	1	Stem holder	9613162401	9613162401	9613162401	9613162401	9613162401	9613162401
6	1	Guide	9613162301	9613162301	9613162302	9613162303	9613162304	9613162305
7	2	Set screw	22158192	22158192	22158192	22158192	22158192	22158192
Clamp								
19	2	Clamp	9612939303	9612939303	9612939304	9612939305	9612939306	9612939307
Bonnet								
20	1	Bonnet	9613127102	9613127102	9613127103	9613127104	9613127105	9613127106
21	□	3 O-ring, EPDM (standard)						
		3 O-ring, HNBR						
		3 O-ring, FPM						
		O-ring set (10 pcs.) EPDM	9614059422	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring set (10 pcs.) HNBR	9614059423	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring set (10 pcs.) FPM	9614059424	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
25	□	1 Lip seal, EPDM (standard)						
		1 Lip seal, HNBR						
		1 Lip seal, FPM						
		Lip seal set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419	9614059419
		Lip seal set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420	9614059420
		Lip seal set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421	9614059421
Seat								
28	1	Seat	9613127501	9613127502	9613127503	9613127504	9613127505	9613127506
Valve Body								
26	1	Valve body, upper, 1 port ISO . . .	9613139301	9613139303	9613139305	9613139307	9613139309	9613139311
	1	Valve body, upper, 2 ports ISO . . .	9613139302	9613139304	9613139306	9613139308	9613139310	9613139312
	1	Valve body, upper, 1 port DIN . . .	9613139401	9613139403	9613139405	9613139407	9613139409	9613139411
	1	Valve body, upper, 2 ports DIN . . .	9613139402	9613139404	9613139406	9613139408	9613139410	9613139412
22	1	Valve body, lower, 2 ports ISO . . .	9613139501	9613139503	9613139505	9613139507	9613139509	9613139511
	1	Valve body, lower, 3 ports ISO . . .	9613139502	9613139504	9613139506	9613139508	9613139510	9613139512
	1	Valve body, lower, 2 ports DIN . . .	9613139601	9613139603	9613139605	9613139607	9613139609	9613139611
	1	Valve body, lower, 3 ports DIN . . .	9613139602	9613139604	9613139606	9613139608	9613139610	9613139612
Valve Plug								
27	1	Plug, change-over, ISO complete, EPDM (standard)	9613127701	9613127702	9613127703	9613127704	9613127705	9613127706
	1	Plug, change-over, ISO complete, HNBR	9613127713	9613127714	9613127715	9613127716	9613127717	9613127718
	1	Plug, change-over, ISO complete, FPM	9613127725	9613127726	9613127727	9613127728	9613127729	9613127730
	1	Plug, change-over, DIN complete, EPDM (standard)	9613127707	9613127708	9613127709	9613127710	9613127711	9613127712
	1	Plug, change-over, DIN complete, HNBR	9613127719	9613127720	9613127721	9613127722	9613127723	9613127724
	1	Plug, change-over, DIN complete, FPM	9613127731	9613127732	9613127733	9613127734	9613127735	9613127736
27.1	1	Plug, change-over, ISO	9613149701	9613140002	9613140003	9613140004	9613140005	9613140006
	1	Plug, change-over, DIN	9613149702	9613140008	9613140009	9613140010	9613140011	9613140012
27.2	□	2 Plug seal, EPDM (standard)						
		2 Plug seal, HNBR						
		2 Plug seal, FPM						
		Plug seal set (10 pcs.) EPDM	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal set (10 pcs.) HNBR	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal set (10 pcs.) FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418
			DN 25	DN 40	DN 50	DN 65	DN 80	DN 100
			25 mm	38 mm	51 mm	63.5 mm	76.1 mm	101.6 mm

Service kit for product wetted parts, standard

□	Service kit, EPDM	9611926579	9611926580	9611926581	9611926582	9611926583	9611926584
□	Service kit, HNBR	9611926585	9611926586	9611926587	9611926588	9611926589	9611926590
□	Service kit, FPM	9611926591	9611926592	9611926593	9611926594	9611926595	9611926596

Parts marked with □ are included in the service kits (product wetted parts)

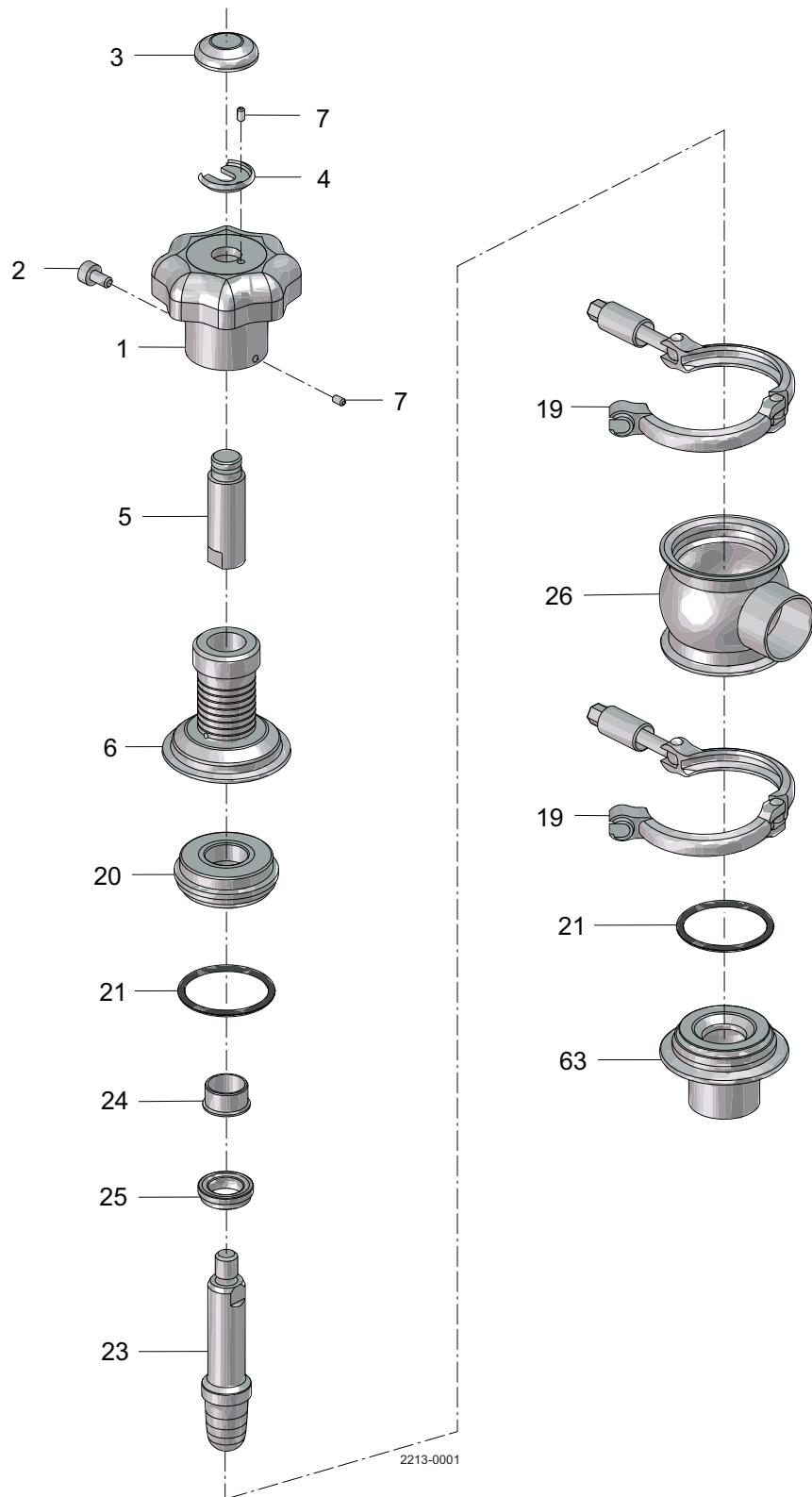
Recommended spare parts: Service kits.



Pos	Qty	Denomination	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76.1 mm	DN 100 101.6 mm
Actuator							
		Operating mechanism complete	9613163501	9613163502	9613163503	9613163504	9613163505
9	1	Hand wheel	3135305281	3135305281	3135305281	3135305281	3135305281
10	1	Lock screw	3135305291	3135305291	3135305291	3135305291	3135305291
3	1	Cap	3135304681	3135304681	3135304681	3135304681	3135304681
4	1	Washer	3135304671	3135304671	3135304671	3135304671	3135304671
8	1	Stem holder	9613162401	9613162401	9613162401	9613162401	9613162401
6	1	Guide	9613162301	9613162302	9613162303	9613162304	9613162305
7	2	Set screw	22158192	22158192	22158192	22158192	22158192
Clamp							
19	1	Clamp	9612939303	9612939304	9612939305	9612939306	9612939307
Bonnet							
20	1	Bonnet	9613127102	9613127103	9613127104	9613127105	9613127106
21	□	O-ring, EPDM (standard)					
	1	O-ring, HNBR					
	1	O-ring, FPM					
		O-ring set (10 pcs.) EPDM	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring set (10 pcs.) HNBR	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring set (10 pcs.) FPM	9614059424	9614059427	9614059430	9614059433	9614059436
24	□	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
25	□	Lip seal, EPDM (standard)					
	1	Lip seal, HNBR					
	1	Lip seal, FPM					
		Lip seal set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419
		Lip seal set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420
		Lip seal set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421
Valve Body							
22	1	Valve body, lower, 2 ports ISO	9613139503	9613139505	9613139507	9613139509	9613139511
	1	Valve body, lower, 3 ports ISO	9613139504	9613139506	9613139508	9613139510	9613139512
	1	Valve body, lower, 2 ports DIN	9613139603	9613139605	9613139607	9613139609	9613139611
	1	Valve body, lower, 3 ports DIN	9613139604	9613139606	9613139608	9613139610	9613139612
Valve Plug							
23	1	Plug, regulating, ISO, complete, EPDM (standard)	9613158902	9613158903	9613158904	9613158905	9613158906
	1	Plug, regulating, ISO, complete, HNBR	9613158914	9613158915	9613158916	9613158917	9613158918
	1	Plug, regulating, ISO, complete, FPM	9613158926	9613158927	9613158928	9613158929	9613158930
	1	Plug, regulating, DIN, complete, EPDM (standard)	9613158908	9613158909	9613158910	9613158911	9613158912
	1	Plug, regulating, DIN, complete, HNBR	9613158920	9613158921	9613158922	9613158923	9613158924
	1	Plug, regulating, DIN, complete, FPM	9613158932	9613158933	9613158934	9613158935	9613158936
	1	Plug, regulating, ISO, complete, EPDM (standard) kv14-option	9613158901				
	1	Plug, regulating, ISO, complete, HNBR, kv14-option	9613158913				
	1	Plug, regulating, ISO, complete, FPM, kv 14-option	9613158925				
	1	Plug, regulating, DIN, complete, EPDM (standard) kv14-option	9613158907				
	1	Plug, regulating, DIN, complete, HNBR, kv14-option	9613158919				
	1	Plug, regulating, DIN, complete, FPM, kv14-option	9613158931				
23.1	1	Plug, regulating, ISO	9613158802	9613158803	9613158804	9613158805	9613158806
	1	Plug, regulating, DIN	9613158808	9613158809	9613158810	9613158811	9613158812
	1	Plug, regulating, ISO, kv 14-option	9613158801				
	1	Plug, regulating, DIN, kv14-option	9613158807				
23.2	□	Plug seal, EPDM (standard)					
	1	Plug seal, HNBR					
	1	Plug seal, FPM					
		Plug seal set (10 pcs.) EPDM	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal set (10 pcs.) HNBR	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal set (10 pcs.) FPM	9614059406	9614059409	9614059412	9614059415	9614059418
<hr/>							
			DN 40	DN 50	DN 65	DN 80	DN 100
			38 mm	51 mm	63.5 mm	76.1 mm	101.6 mm
<hr/>							
Service kits for Product wetted parts, standard							
□		Service kit, EPDM	9611926502	9611926503	9611926504	9611926505	9611926506
□		Service kit, HNBR	9611926508	9611926509	9611926510	9611926511	9611926512
□		Service kit, FPM	9611926514	9611926515	9611926516	9611926517	9611926518

Parts marked with □ are included in the service kits (product wetted parts)

Recommended spare parts: Service kits.



Pos	Qty	Denomination	38 mm
1	1	Operating mechanism, complete	9613163501
2	1	Handwheel	3135305281
3	1	Lock screw	3135305291
4	1	Cap	3135304681
5	1	Washer	3135304671
6	1	Stem holder	9613162401
7	1	Guide	9613162301
	2	Set screw	22158192
Clamp			
19	2	Clamp	9612939303
Bonnet			
20	1	Bonnet	9613127102
21	2	O-ring, EPDM	
	2	O-ring, HNBR	
	2	O-ring, FPM	
		O-ring, set (10 pcs.) EPDM	9614059422
		O-ring, set (10 pcs.) HNBR	9614059423
		O-ring, set (10 pcs.) FPM	9614059424
24	1	Bushing	9613125002
25	1	Lip seal, EPDM	
	1	Lip seal, HNBR	
	1	Lip seal, FPM	
		Lip seal, set (10 pcs.) EPDM	9614059419
		Lip seal, set (10 pcs.) HNBR	9614059420
		Lip seal, set (10 pcs.) FPM	9614059421
Valve Body			
26	1	Valve body, 1 port, ISO	9613139303
63	1	Seat element, welding ends	9614289201
Valve Plug			
23	1	Plug	9614289101

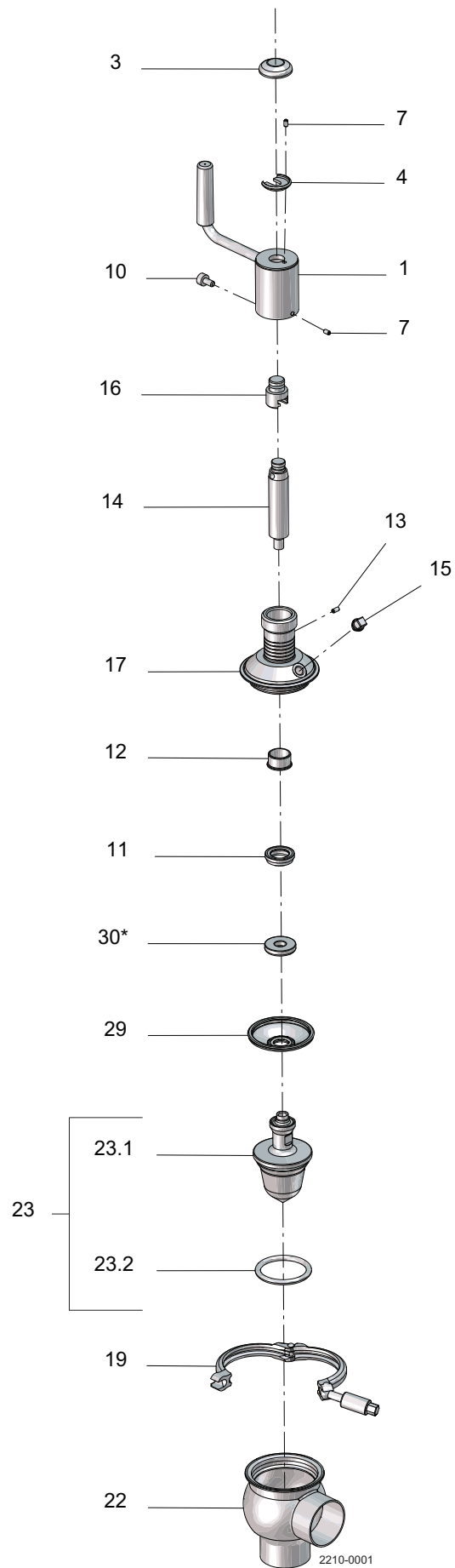
Recommended spare parts: service kits.

Service kits

	38 mm
Service kit, EPDM	9611926964
Service kit, HNBR	9611926965
Service kit, FPM	9611926966

Parts marked with ♦ are included in the service kits (product wetted parts)

Tool for bushing (pos. no. 24) 9613160901



* = Disc not used on DN40/38 mm

Pos	Qty	Denomination	DN40	DN50	DN65	DN80	DN100
			38 mm	51 mm	63.5 mm	76.1 mm	101.6 mm
Actuator							
		Crank mechanism complete	9613182001	9613182002	9613182003	9613182004	9613182005
1	1	Crank	3135304621	3135304621	3135304621	3135304621	3135304621
3	1	Cap	3135304681	3135304681	3135304681	3135304681	3135304681
4	1	Washer	3135304671	3135304671	3135304671	3135304671	3135304671
7	2	Set screw	22158192	22158192	22158192	22158192	22158192
10	1	Lock screw	3135305291	3135305291	3135305291	3135305291	3135305291
11	1	Lip seal, HNBR	9613120502	9613120502	9613120502	9613120502	9613120502
12	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
13	1	Spring pin	9611992969	9611992969	9611992969	9611992969	9611992969
14	1	Upper spindle	9613121901	9613181801	9613181801	9613181801	9613181801
15	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
16	1	Stem extension	9613121801	9613121801	9613121801	9613121801	9613121801
17	1	Sealing element	9613181301	9613181401	9613181501	9613181601	9613181701
Clamp							
19	1	Clamp	9612939303	9612939304	9612939305	9612939306	9612939307
29 ♦	1	Diaphragm					
		Diaphragm set, (10 pcs.)	9614059437	9614059438	9614059439	9614059440	9614059441
30	1	Disc for diaphragm		9613144101	9613144201	9613144301	9613144301
Valve body (lower)							
22	1	Valve body, 2 ports, ISO	9613139503	9613139505	9613139507	9613139509	9613139511
	1	Valve body, 3 ports, ISO	9613139504	9613139506	9613139508	9613139510	9613139512
	1	Valve body, 2 ports, DIN	9613139603	9613139605	9613139607	9613139609	9613139611
	1	Valve body, 3 ports, DIN	9613139604	9613139606	9613139608	9613139610	9613139612
Valve plug (regulating)							
23	1	Plug, complete, ISO, EPDM (standard)	9613122001	9613122002	9613122003	9613122004	9613122005
	1	Plug, complete, ISO, HNBR	9613122011	9613122012	9613122013	9613122014	9613122015
	1	Plug, complete, ISO, FPM	9613122021	9613122022	9613122023	9613122024	9613122025
	1	Plug, regulating, complete, DIN, EPDM (standard)	9613122006	9613122007	9613122008	9613122009	9613122010
	1	Plug, regulating, complete, DIN, HNBR	9613122016	9613122017	9613122018	9613122019	9613122020
	1	Plug, complete, DIN, FPM	9613122026	9613122027	9613122028	9613122029	9613122030
23.1	1	Plug, ISO	9613125501	9613121301	9613121302	9613121303	9613121304
	1	Plug, DIN	9613125502	9613121305	9613121306	9613121307	9613121308
23.2♦	1	Plug seal, EPDM (standard)					
♦	1	Plug seal, HNBR					
♦	1	Plug seal, FPM					
		Plug seal set, 10 pcs., EPDM	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal set, 10 pcs., HNBR	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal set, 10 pcs., FPM	9614059406	9614059409	9614059412	9614059415	9614059418

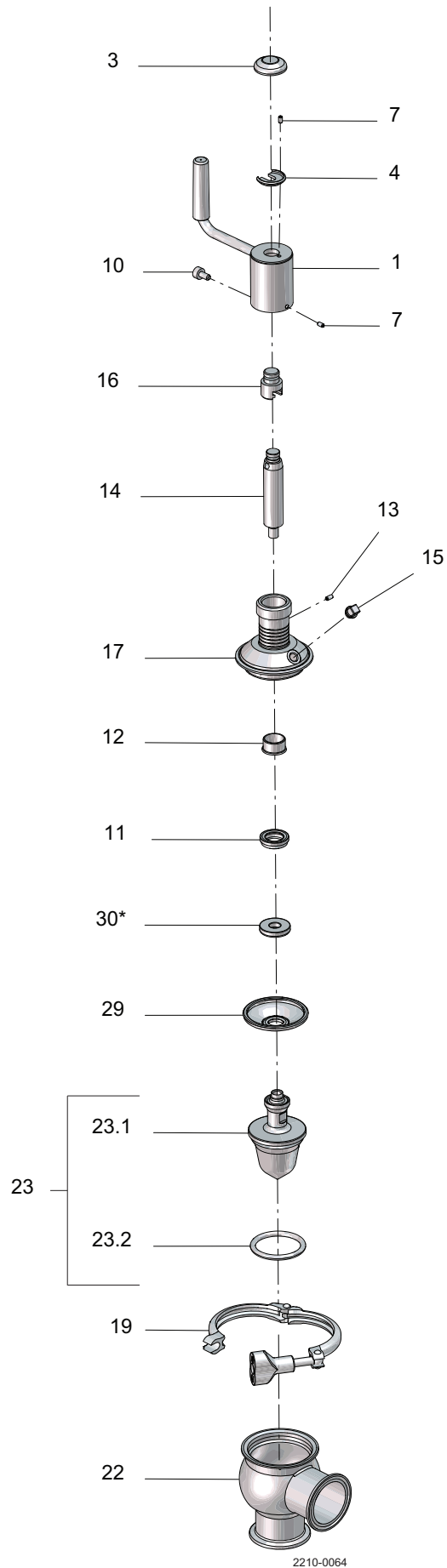
Recommended spare parts: service kits

Service kits

		DN40	DN50	DN65	DN80	DN100
		38 mm	51 mm	63.5 mm	76.1 mm	101.6 mm
♦	Service kit, EPDM	9611926544	9611926545	9611926546	9611926547	9611926548
♦	Service kit, HNBR	9611926550	9611926551	9611926552	9611926553	9611926554
♦	Service kit, FPM	9611926556	9611926557	9611926558	9611926559	9611926560

Parts marked with ♦ are included in the service kits (product wetted parts)

Tool for bushing (pos. 12) 9613160901



Pos	Qty	Denomination	1½"	2"	2½"	3"	4"
Actuator							
		Crank mechanism complete	9613182001	9613182002	9613182003	9613182004	9613182005
1	1	Crank	3135304621	3135304621	3135304621	3135304621	3135304621
3	1	Cap	3135304681	3135304681	3135304681	3135304681	3135304681
4	1	Washer	3135304671	3135304671	3135304671	3135304671	3135304671
7	2	Set screw	22158192	22158192	22158192	22158192	22158192
10	1	Lock screw	3135305291	3135305291	3135305291	3135305291	3135305291
11	1	Lip seal, HNBR	9613120502	9613120502	9613120502	9613120502	9613120502
12	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
13	1	Spring pin	9611992969	9611992969	9611992969	9611992969	9611992969
14	1	Upper spindle	9613121901	9613181801	9613181801	9613181801	9613181801
15	1	Plug	96134141-01	96134141-01	96134141-01	96134141-01	96134141-01
16	1	Stem extension	9613121801	9613121801	9613121801	9613121801	9613121801
17	1	Sealing element	9613181302	9613181402	9613181502	9613181602	9613181702
Clamp							
19	1	Clamp	9612939316	9612939317	9612939318	9612939319	9612939320
29 ♦	1	Diaphragm					
		Diaphragm set, (10 pcs.)	9614059437	9614059438	9614059439	9614059440	9614059441
30	1	Disc for diaphragm	9613144001	9613144101	9613144201	9613144301	9613144301
Valve body (lower)							
22	1	Valve body, 2 ports, clamp	9613161603	9613161605	9613161607	9613161609	9613161611
	1	Valve body, 3 ports, clamp	9613161604	9613161606	9613161608	9613161610	9613161612
	1	Valve body, 2 ports, welding ends	9613139515	9613139517	9613139519	9613139521	9613139523
	1	Valve body, 3 ports, welding ends	9613139516	9613139518	9613139520	9613139522	9613139524
Valve Plug (regulating)							
23	1	Plug, complete, EPDM (standard)	9613122001	9613122002	9613122003	9613122004	9613122005
	1	Plug, complete, HNBR	9613122006	9613122007	9613122008	9613122009	9613122010
	1	Plug, complete, FPM	9613122011	9613122012	9613122013	9613122014	9613122015
23.1	1	Plug	9613125501	9613121301	9613121302	9613121303	9613121304
23.2♦	1	Plug seal, EPDM (standard)					
♦	1	Plug seal, HNBR					
♦	1	Plug seal, FPM					
		Plug seal set, (10 pcs.) EPDM	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal set, (10 pcs.) HNBR	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal set, (10 pcs.) FPM	9614059406	9614059409	9614059412	9614059415	9614059418

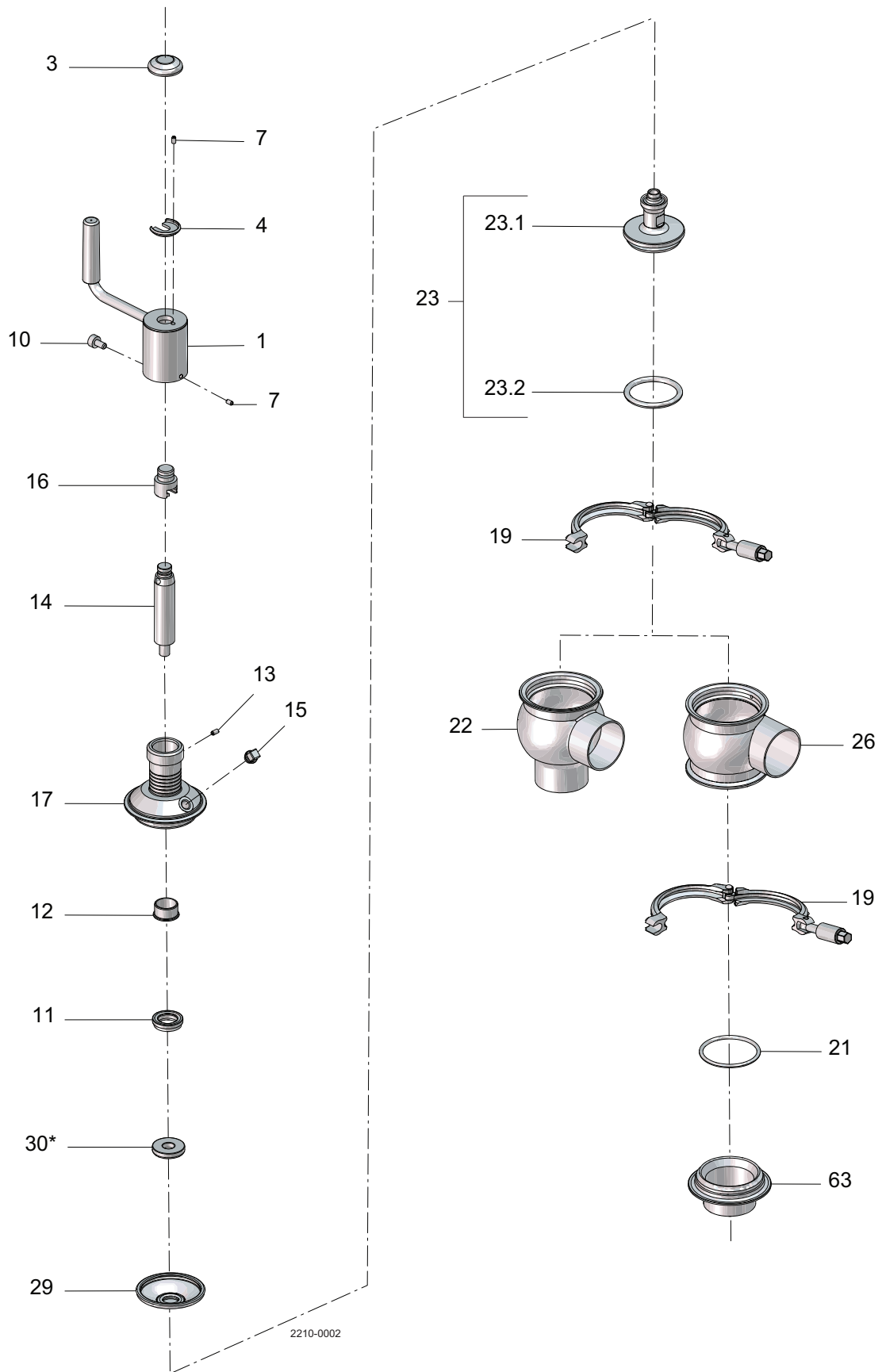
Recommended spare parts: Service kits

Service Kits

	1½"	2"	2½"	3"	4"
Service kit, EPDM	9611926544	9611926545	9611926546	9611926547	9611926548
Service kit, HNBR	9611926550	9611926551	9611926552	9611926553	9611926554
Service kit, FPM	9611926556	9611926557	9611926558	9611926559	9611926560

Parts marked with ♦ are included in the service kits (product wetted parts)

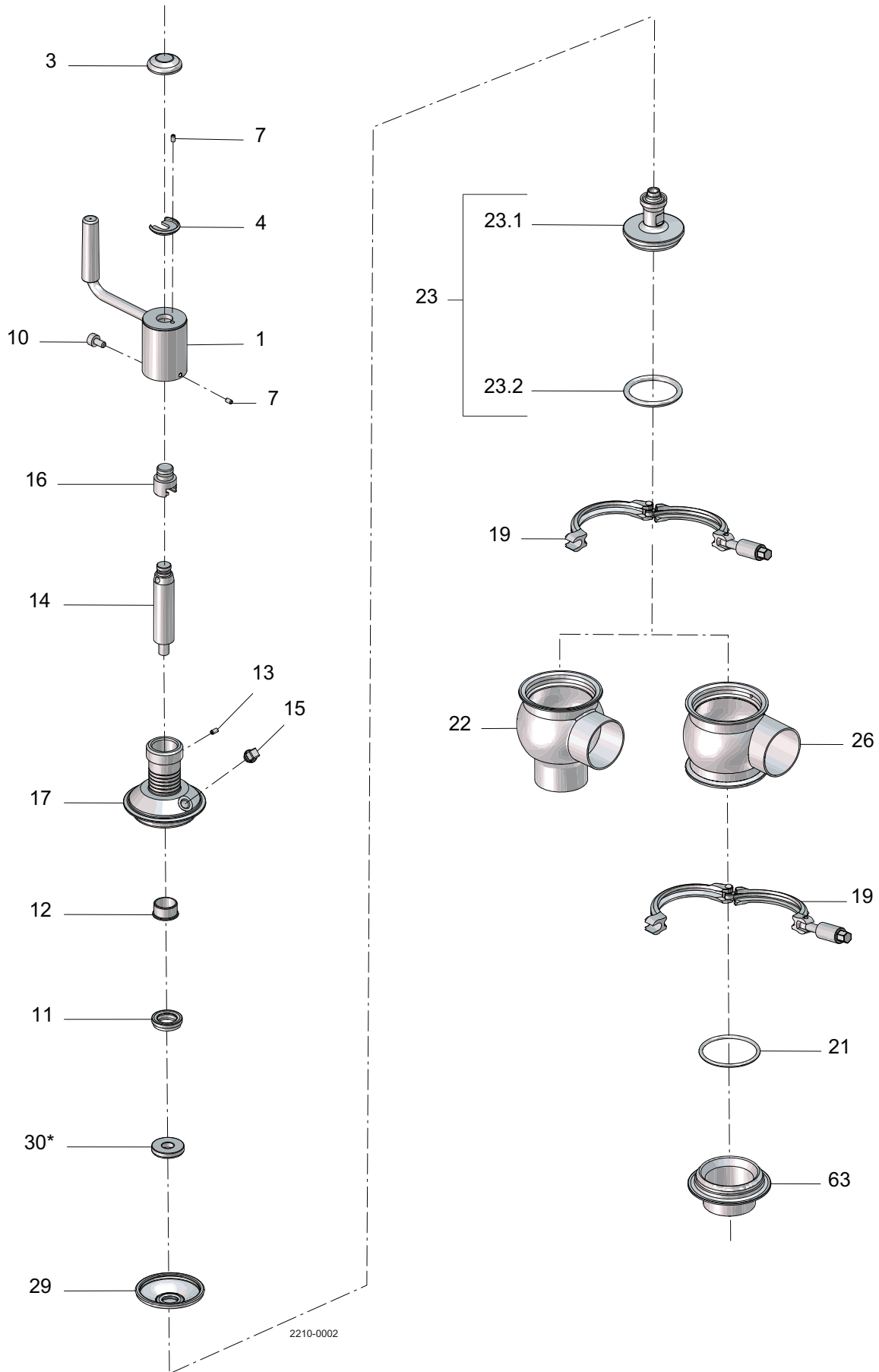
Tool for bushing (pos. 12) 96131609-01



* = Disc not used on DN25/25 mm and DN40/38 mm

Pos	Qty	Denomination	DN25 25 mm	DN40 38 mm	DN50 51 mm	DN65 63.5 mm	DN80 76.1 mm	DN100 101.6 mm
Actuator								
		Crank mechanism complete	9613182001	9613182001	9613182002	9613182003	9613182004	9613182005
1	1	Crank	3135304621	3135304621	3135304621	3135304621	3135304621	3135304621
3	1	Cap	3135304681	3135304681	3135304681	3135304681	3135304681	3135304681
4	1	Washer	3135304671	3135304671	3135304671	3135304671	3135304671	3135304671
7	2	Set screw	22158192	22158192	22158192	22158192	22158192	22158192
10	1	Lock screw	3135305291	3135305291	3135305291	3135305291	3135305291	3135305291
11	1	Lip seal, HNBR	9613120502	9613120502	9613120502	9613120502	9613120502	9613120502
12	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
13	1	Spring pin	9611992969	9611992969	9611992969	9611992969	9611992969	9611992969
14	1	Upper spindle	9613121901	9613121901	9613181801	9613181801	9613181801	9613181801
15	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
16	1	Stem extension	9613121801	9613121801	9613121801	9613121801	9613121801	9613121801
17	1	Sealing element	9613181301	9613181301	9613181401	9613181501	9613181601	9613181701
Clamp								
19	1	Clamp	9612939303	9612939303	9612939304	9612939305	9612939306	9612939307
29	♦	Diaphragm						
	1	Diaphragm set, 10 pcs.	9614059437	9614059437	9614059438	9614059439	9614059440	9614059441
30	1	Disc for diaphragm			9613144101	9613144201	9613144301	9613144301
Tangential only								
21	♦	O-ring, EPDM (standard)						
	♦	O-ring, HNBR						
	♦	O-ring, FPM						
		O-ring set, 10 pcs., EPDM	9614059422	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring set, 10 pcs., HNBR	9614059423	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring set, 10 pcs., FPM	9614059424	9614059424	9614059427	9614059430	9614059433	9614059436
Valve body standard (lower)								
22	1	Valve body, 2 ports, ISO	9613139501	9613139503	9613139505	9613139507	9613139509	9613139511
	1	Valve body, 3 ports, ISO	9613139502	9613139504	9613139506	9613139508	9613139510	9613139512
	1	Valve body, 2 ports, DIN	9613139601	9613139603	9613139605	9613139607	9613139609	9613139611
	1	Valve body, 3 ports, DIN	9613139602	9613139604	9613139606	9613139608	9613139610	9613139612
(Valve body tangential (welding ends))								
26	1	Valve body, 1 port, ISO			9613444801	9613444803	9613444805	9613444807
	1	Valve body, 2 ports, ISO			9613444802	9613444804	9613444806	9613444808
63	1	Port seal element, ISO			9634071101	9634071201	9634071301	9634071401
Valve Plug (shut-off)								
23	1	Plug, complete, ISO, EPDM (standard)	9613122101	9613122102	9613122103	9613122104	9613122105	9613122106
	1	Plug, complete, ISO, HNBR	9613122107	9613122108	9613122109	9613122110	9613122111	9613122112
	1	Plug, complete, ISO, FPM	9613122113	9613122114	9613122115	9613122116	9613122117	9613122118
	1	Plug, complete, DIN, EPDM (standard)	9613122119	9613122120	9613122121	9613122122	9613122123	9613122124
	1	Plug, complete, DIN, HNBR	9613122125	9613122126	9613122127	9613122128	9613122129	9613122130
	1	Plug, complete, DIN, FPM	9613122131	9613122132	9613122133	9613122134	9613122135	9613122136
23.1	1	Plug, ISO	9613143501	9613144501	9613143401	9613143402	9613143403	9613143404
	1	Plug, DIN	9613143502	9613144502	9613143405	9613143406	9613143407	9613143408
23.2	♦	Plug seal, EPDM (standard)						
	♦	Plug seal, HNBR						
	♦	Plug seal, FPM						
		Plug seal set, 10 pcs., EPDM	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal set, 10 pcs., HNBR	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal set, 10 pcs., FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418

Recommended spare parts: service kits



* = Disc not used on DN25/25 mm and DN40/38 mm

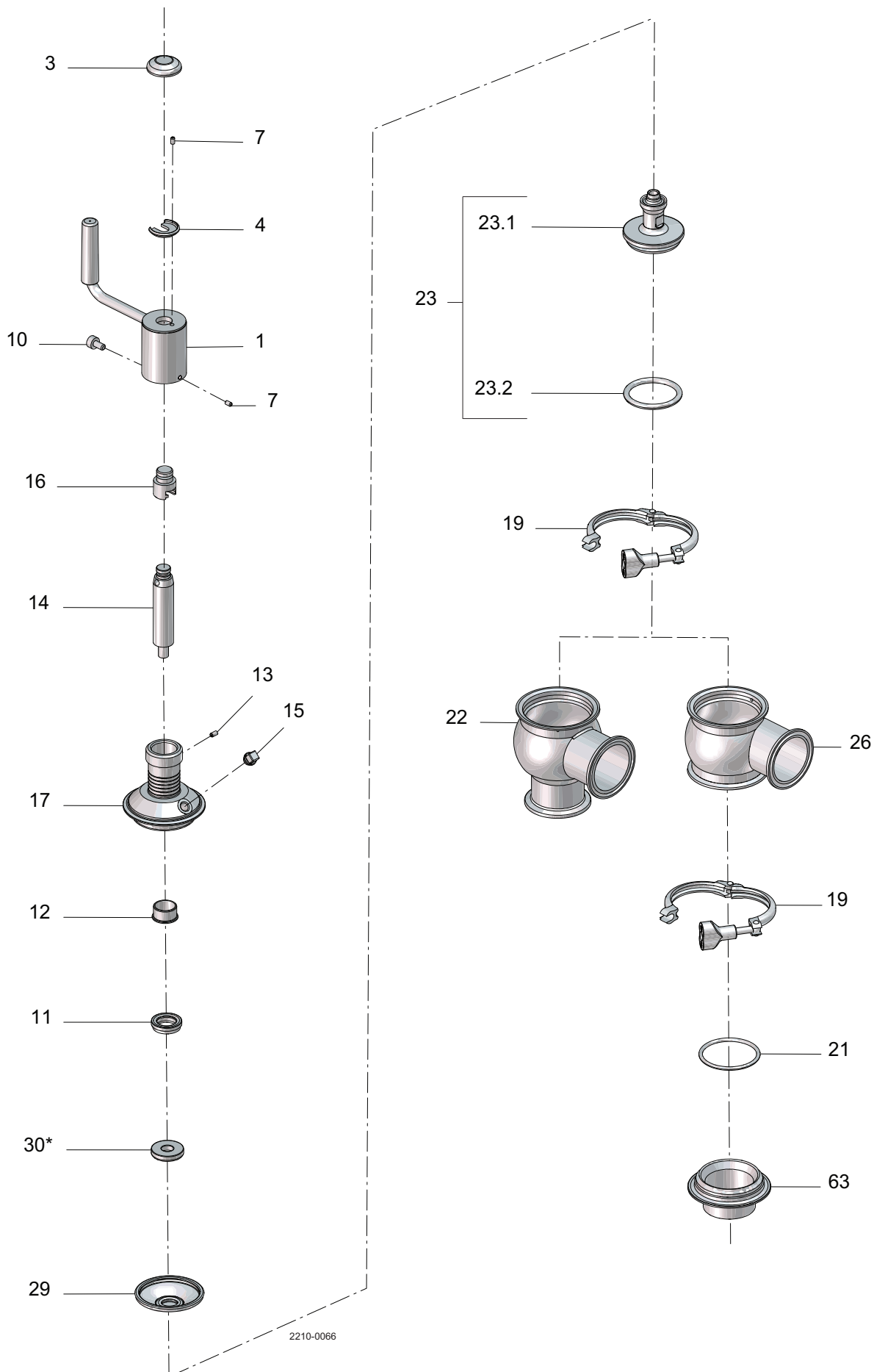
Service kits

		DN25 25 mm	DN40 38 mm	DN50 51 mm	DN65 63.5 mm	DN80 76.1 mm	DN100 101.6 mm
Standard							
♦	Service kit, EPDM	9611926543	9611926544	9611926545	9611926546	9611926547	9611926548
♦	Service kit, HNBR	9611926549	9611926550	9611926551	9611926552	9611926553	9611926554
♦	Service kit, FPM	9611926555	9611926556	9611926557	9611926558	9611926559	9611926560
Tangential only							
♦	Service kit, EPDM	9611926909	9611926910	9611926911	9611926912	9611926913	9611926914
♦	Service kit, HNBR	9611926915	9611926916	9611926917	9611926918	9611926919	9611926920
♦	Service kit, FPM	9611926921	9611926922	9611926923	9611926924	9611926925	9611926926

Parts marked with ♦ are included in the service kits (product wetted parts)

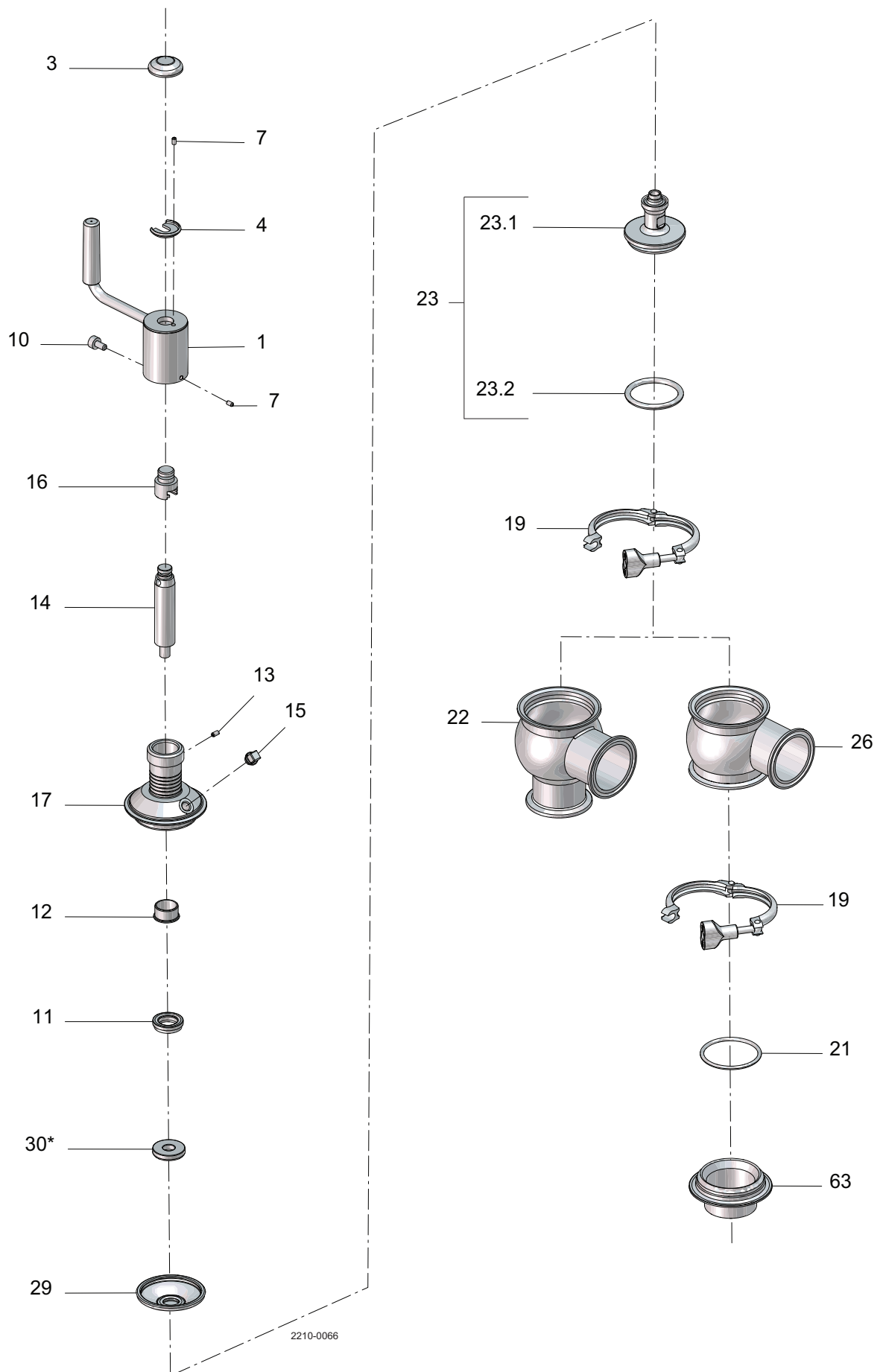
Tool for bushing (pos. 12) 9613160901

TD900-654



Pos	Qty	Denomination	1"	1½"	2"	2½"	3"	4"
Actuator								
		Crank mechanism complete	9613182001	9613182001	9613182002	9613182003	9613182004	9613182005
1	1	Crank	3135304621	3135304621	3135304621	3135304621	3135304621	3135304621
3	1	Cap	3135304681	3135304681	3135304681	3135304681	3135304681	3135304681
4	1	Washer	3135304671	3135304671	3135304671	3135304671	3135304671	3135304671
7	2	Set screw	22158192	22158192	22158192	22158192	22158192	22158192
10	1	Lock screw	3135305291	3135305291	3135305291	3135305291	3135305291	3135305291
11	1	Lip seal, HNBR	9613120502	9613120502	9613120502	9613120502	9613120502	9613120502
12	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
13	1	Spring pin	9611992969	9611992969	9611992969	9611992969	9611992969	9611992969
14	1	Upper spindle	9613121901	9613121901	9613181801	9613181801	9613181801	9613181801
15	1	Plug	96134141-01	96134141-01	96134141-01	96134141-01	96134141-01	96134141-01
16	1	Stem extension	9613121801	9613121801	9613121801	9613121801	9613121801	9613121801
17	1	Sealing element	9613181302	9613181302	9613181402	9613181502	9613181602	9613181702
Clamp								
19	1	Clamp	9612939316	9612939316	9612939317	9612939318	9612939319	9612939320
29	♦	1 Diaphragm						
		Diaphragm set, (10 pcs.)	9614059437	9614059437	9614059438	9614059439	9614059440	9614059441
30	1	Disc for diaphragm	9613144001	9613144001	9613144101	9613144201	9613144301	9613144301
Tangential only								
21	♦	1 O-ring, EPDM (standard)						
	♦	1 O-ring, HNBR						
	♦	1 O-ring, FPM						
		O-ring set, (10 pcs.) EPDM	9614059422	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring set, (10 pcs.) HNBR	9614059423	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring set, (10 pcs.) FPM	9614059424	9614059424	9614059427	9614059430	9614059433	9614059436
Valve body standard (lower)								
22	1	Valve body, 2 ports, clamp	9613161601	9613161603	9613161605	9613161607	9613161609	9613161611
	1	Valve body, 3 ports, clamp	9613161602	9613161604	9613161606	9613161608	9613161610	9613161612
	1	Valve body, 2 ports, welding ends	9613139513	9613139515	9613139517	9613139519	9613139521	9613139523
	1	Valve body, 3 ports, welding ends	9613139514	9613139516	9613139518	9613139520	9613139522	9613139524
(Valve body tangential)								
26	1	Valve body, 1 port, clamp			9613169002	9613169004	9613169006	9613169008
	1	Valve body, 2 ports, clamp			9613169018	9613169020	9613169022	9613169024
	1	Valve body, 1 port, welding ends			9613444809	9613444811	9613444813	9613444815
	1	Valve body, 2 ports, welding ends			9613444810	9613444812	9613444814	9613444816
63	1	Port seal element, clamp			9634070601	9634070701	9634070801	9634070901
	1	Port seal element, welding ends			9634071101	9634071201	9634071301	9634071401
Valve Plug (shut off)								
23	1	Plug, complete, EPDM (standard)	9613122101	9613122102	9613122103	9613122104	9613122105	9613122106
	1	Plug, complete, HNBR	9613122107	9613122108	9613122109	9613122110	9613122111	9613122112
	1	Plug, complete, FPM	9613122113	9613122114	9613122115	9613122116	9613122117	9613122118
23.1	1	Plug, shut off	9613143501	9613144501	9613143401	9613143402	9613143403	9613143404
23.2	♦	1 Plug seal, EPDM (standard)						
	♦	1 Plug seal, HNBR						
	♦	1 Plug seal, FPM						
		Plug seal set, (10 pcs.) EPDM	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal set, (10 pcs.) HNBR	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal set, (10 pcs.) FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418

Recommended spare parts: Service kits



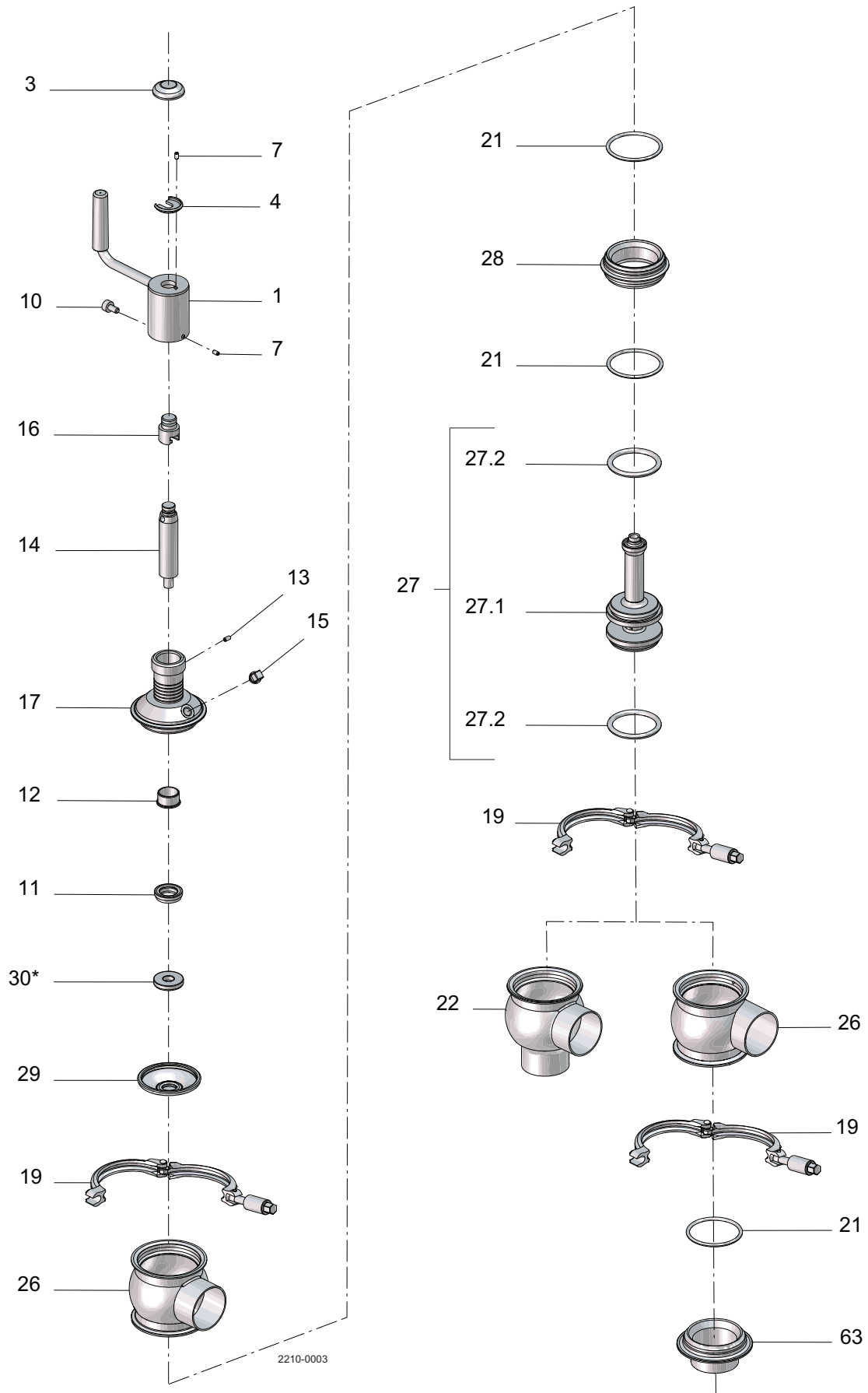
Service Kits

	1"	1½"	2"	2½"	3"	4"
Standard						
♦ Service kit, EPDM	9611926543	9611926544	9611926545	9611926546	9611926547	9611926548
♦ Service kit, HNBR	9611926549	9611926550	9611926551	9611926552	9611926553	9611926554
♦ Service kit, FPM	9611926555	9611926556	9611926557	9611926558	9611926559	9611926560
Tangential only						
♦ Service kit, EPDM	9611926909	9611926910	9611926911	9611926912	9611926913	9611926914
♦ Service kit, HNBR	9611926915	9611926916	9611926917	9611926918	9611926919	9611926920
♦ Service kit, FPM	9611926921	9611926922	9611926923	9611926924	9611926925	9611926926

Parts marked with ♦ are included in the service kits (product wetted parts)

Tool for bushing (pos. 12) 9613-1609-01

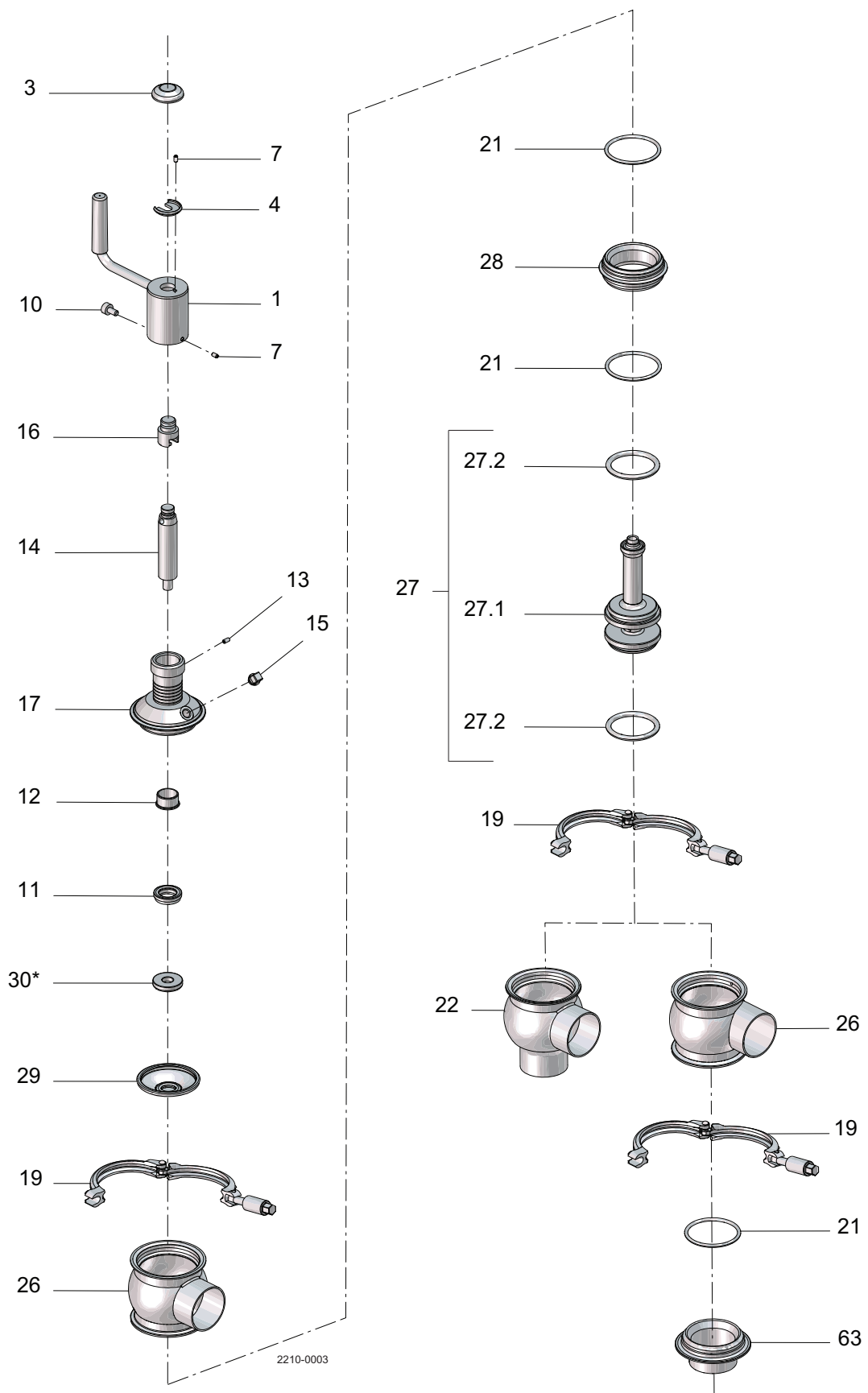
TD900-657



* = Disc not used on DN25/25 mm and DN40/38 mm

Pos	Qty	Denomination	DN25 25 mm	DN40 38 mm	DN50 51 mm	DN65 63.5 mm	DN80 76.1 mm	DN100 101.6 mm
Actuator								
		Crank mechanism complete	9613182001	9613182001	9613182002	9613182003	9613182004	9613182005
1	1	Crank	3135304621	3135304621	3135304621	3135304621	3135304621	3135304621
3	1	Cap	3135304681	3135304681	3135304681	3135304681	3135304681	3135304681
4	1	Washer	3135304671	3135304671	3135304671	3135304671	3135304671	3135304671
7	2	Set screw	22158192	22158192	22158192	22158192	22158192	22158192
10	1	Lock screw	3135305291	3135305291	3135305291	3135305291	3135305291	3135305291
11	1	Lip seal, HNBR	9613120502	9613120502	9613120502	9613120502	9613120502	9613120502
12	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
13	1	Spring pin	9611992969	9611992969	9611992969	9611992969	9611992969	9611992969
14	1	Upper spindle	9613121901	9613121901	9613181801	9613181801	9613181801	9613181801
15	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
16	1	Stem extension	9613121801	9613121801	9613121801	9613121801	9613121801	9613121801
17	1	Sealing element	9613181301	9613181301	9613181401	9613181501	9613181601	9613181701
Clamp								
19	2	Clamp	9612939303	9612939303	9612939304	9612939305	9612939306	9612939307
29	♦	1 Diaphragm						
		Diaphragm set, 10 pcs.	9614059437	9614059437	9614059438	9614059439	9614059440	9614059441
30	♦	1 Disc for diaphragm			9613144101	9613144201	9613144301	9613144301
21	♦	2 O-ring, EPDM (standard)						
	♦	2 O-ring, HNBR						
	♦	2 O-ring, FPM						
		3 O-ring, EPDM (standard) - Tangential only						
		3 O-ring, HNBR - Tangential only						
		3 O-ring, FPM - Tangential only						
		O-ring set, 10 pcs.. EPDM	9614059422	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring set, 10 pcs. HNBR	9614059423	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring set, 10 pcs.. FPM	9614059424	9614059424	9614059427	9614059430	9614059433	9614059436
Seat								
28	1	Seat	9613127501	9613127502	9613127503	9613127504	9613127505	9613127506
Valve Body (upper)								
26	1	Valve body, 1 port, ISO	9613139301	9613139303	9613139305	9613139307	9613139309	9613139311
	1	Valve body, 2 ports, ISO	9613139302	9613139304	9613139306	9613139308	9613139310	9613139312
	1	Valve body, 1 port, DIN	9613139401	9613139403	9613139405	9613139407	9613139409	9613139411
	1	Valve body, 2 ports, DIN	9613139402	9613139404	9613139406	9613139408	9613139410	9613139412
Valve body (lower)								
22	1	Valve body, 2 ports, ISO	9613139501	9613139503	9613139505	9613139507	9613139509	9613139511
	1	Valve body, 3 ports, ISO	9613139502	9613139504	9613139506	9613139508	9613139510	9613139512
	1	Valve body, 2 ports, DIN	9613139601	9613139603	9613139605	9613139607	9613139609	9613139611
	1	Valve body, 3 ports, DIN	9613139602	9613139604	9613139606	9613139608	9613139610	9613139612
(Valve body tangential (welding ends))								
26	2	Valve body, 1 port, ISO			9613444801	9613444803	9613444805	9613444807
	2	Valve body, 2 ports, ISO			9613444802	9613444804	9613444806	9613444808
63	1	Port seal element, ISO			9634071101	9634071201	9634071301	9634071401
Valve Plug (change-over)								
27	1	Plug, complete, ISO, EPDM (standard)	9613122301	9613122302	9613122303	9613122304	9613122305	9613122306
	1	Plug, complete, ISO, HNBR	9613122307	9613122308	9613122309	9613122310	9613122311	9613122312
	1	Plug, complete, ISO, FPM	9613122313	9613122314	9613122315	9613122316	9613122317	9613122318
	1	Plug, complete, DIN, EPDM (standard)	9613122319	9613122320	9613122321	9613122322	9613122323	9613122324
	1	Plug, complete, DIN, complete, HNBR	9613122325	9613122326	9613122327	9613122328	9613122329	9613122330
	1	Plug, complete, DIN, FPM	9613122331	9613122332	9613122333	9613122334	9613122335	9613122336
27.1	1	Plug, ISO	9613143601	9613143901	9613143902	9613143903	9613143904	9613143905
	1	Plug, DIN	9613143602	9613143906	9613143907	9613143908	9613143909	9613143910
27.2	♦	2 Plug seal, EPDM (standard)						
	♦	2 Plug seal, HNBR						
	♦	2 Plug seal, FPM						
		Plug seal set, 10 pcs., EPDM	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal set, 10 pcs., HNBR	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal set, 10 pcs., FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418

Recommended spare parts: service kits



* = Disc not used on DN25/25 mm and DN40/38 mm

Service kits

		DN25 25 mm	DN40 38 mm	DN50 51 mm	DN65 63.5 mm	DN80 76.1 mm	DN100 101.6 mm
♦	Service kit, EPDM	9611926615	9611926616	9611926617	9611926618	9611926619	9611926620
♦	Service kit, HNBR	9611926621	9611926622	9611926623	9611926624	9611926625	9611926626
♦	Service kit, FPM	9611926627	9611926628	9611926629	9611926630	9611926631	9611926632

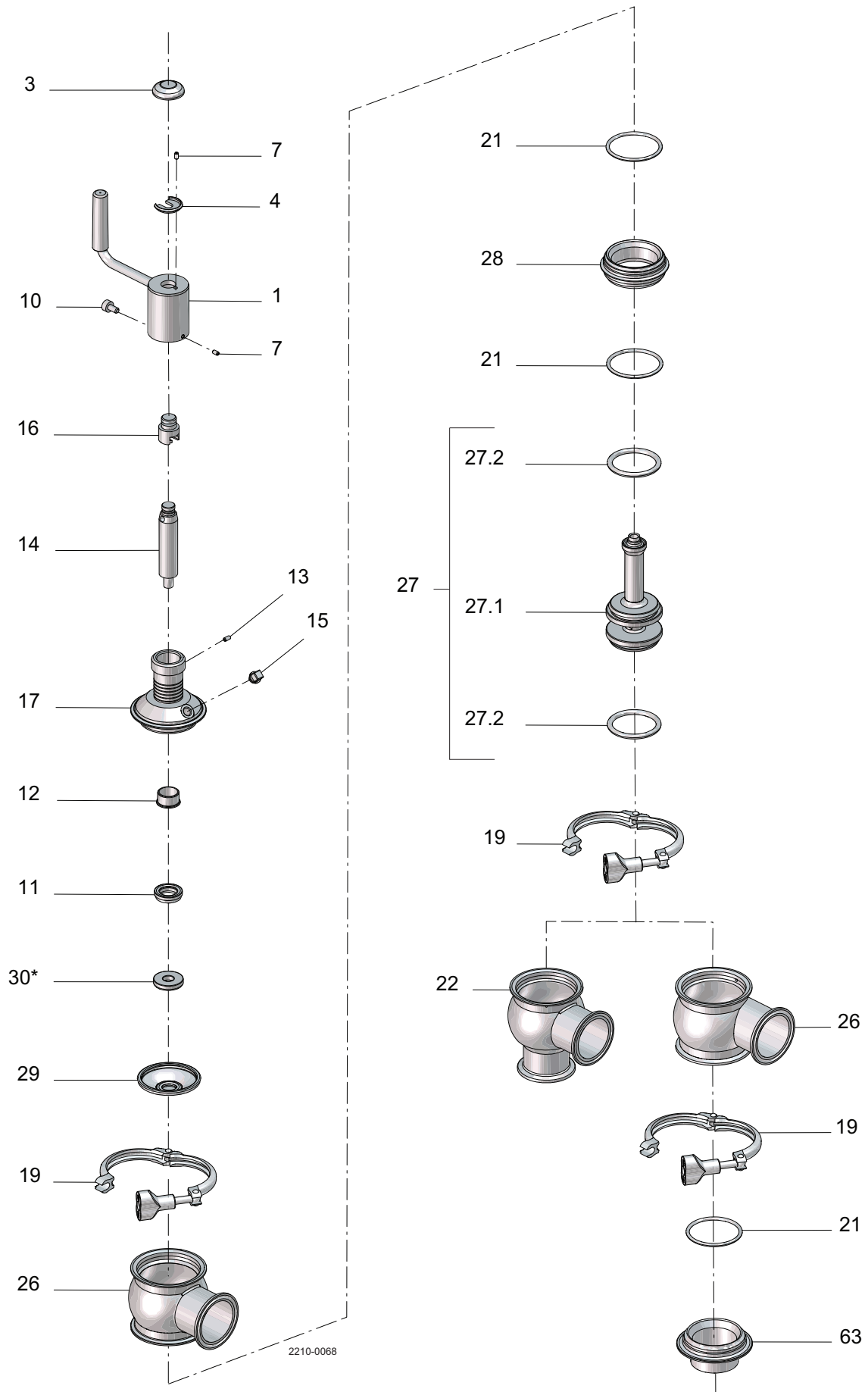
Tangential only

♦	Service kit, EPDM	9611926927	9611926928	9611926929	9611926930	9611926931	9611926932
♦	Service kit, HNBR	9611926933	9611926934	9611926935	9611926936	9611926937	9611926938
♦	Service kit, FPM	9611926939	9611926940	9611926941	9611926942	9611926943	9611926944

Parts marked with ♦ are included in the service kits (product wetted parts)

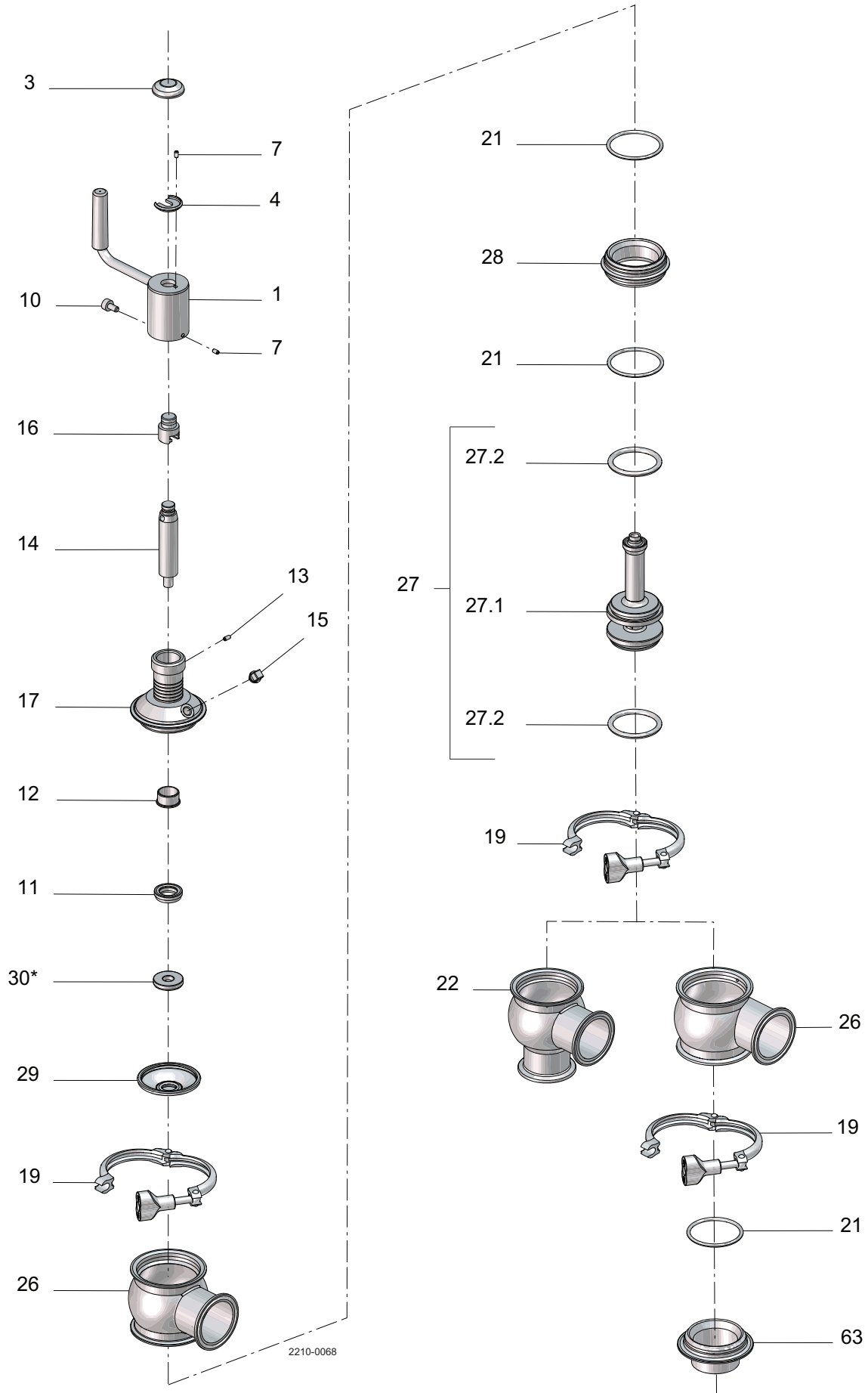
Tool for bushing (pos. 12) 9613160901

TD900-654



Pos	Qty	Denomination	1"	1½"	2"	2½"	3"	4"
Actuator								
		Crank mechanism complete	9613182001	9613182001	9613182002	9613182003	9613182004	9613182005
1	1	Crank	3135304621	3135304621	3135304621	3135304621	3135304621	3135304621
3	1	Cap	3135304681	3135304681	3135304681	3135304681	3135304681	3135304681
4	1	Washer	3135304671	3135304671	3135304671	3135304671	3135304671	3135304671
7	2	Set screw	22158192	22158192	22158192	22158192	22158192	22158192
10	1	Lock screw	3135305291	3135305291	3135305291	3135305291	3135305291	3135305291
11	1	Lip seal, HNBR	9613120502	9613120502	9613120502	9613120502	9613120502	9613120502
12	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002	9613125002
13	1	Spring pin	9611992969	9611992969	9611992969	9611992969	9611992969	9611992969
14	1	Upper spindle	9613121901	9613121901	9613181801	9613181801	9613181801	9613181801
15	1	Plug	96134141-01	96134141-01	96134141-01	96134141-01	96134141-01	96134141-01
16	1	Stem extension	9613121801	9613121801	9613121801	9613121801	9613121801	9613121801
17	1	Sealing element	9613181302	9613181302	9613181402	9613181502	9613181602	9613181702
Clamp								
19	2	Clamp	9612939316	9612939316	9612939317	9612939318	9612939319	9612939320
29	♦	1 Diaphragm						
		Diaphragm set, (10 pcs.)	9614059437	9614059437	9614059438	9614059439	9614059440	9614059441
30	1	Disc for diaphragm	9613144001	9613144001	9613144101	9613144201	9613144301	9613144301
Standard								
21	♦	2 O-ring, EPDM (standard)						
	♦	2 O-ring, HNBR						
	♦	2 O-ring, FPM						
Tangential only								
	♦	3 O-ring, EPDM (standard)						
	♦	3 O-ring, HNBR						
	♦	3 O-ring, FPM						
		O-ring set, (10 pcs.) EPDM	9614059422	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring set, (10 pcs.) HNBR	9614059423	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring set, (10 pcs.) FPM	9614059424	9614059424	9614059427	9614059430	9614059433	9614059436
Seat								
28	1	Seat	9613127501	9613127502	9613127503	9613127504	9613127505	9613127506
Valve Body (upper)								
26	1	Valve body, 1 ports, clamp	9613161501	9613161503	9613161505	9613161507	9613161509	9613161511
	1	Valve body, 2 ports, clamp	9613161502	9613161504	9613161506	9613161508	9613161510	9613161512
	1	Valve body, 1 ports, welding ends	9613139313	9613139315	9613139317	9613139319	9613139321	9613139323
	1	Valve body, 2 ports, welding ends	9613139314	9613139316	9613139318	9613139320	9613139322	9613139324
Valve body (lower)								
22	1	Valve body, 2 ports, clamp	9613161601	9613161603	9613161605	9613161607	9613161609	9613161611
	1	Valve body, 3 ports, clamp	9613161602	9613161604	9613161606	9613161608	9613161610	9613161612
	1	Valve body, 2 ports, welding ends	9613139513	9613139515	9613139517	9613139519	9613139521	9613139523
	1	Valve body, 3 ports, welding ends	9613139514	9613139516	9613139518	9613139520	9613139522	9613139524
(Valve body tangential)								
26	2	Valve body, 1 port, clamp			9613169002	9613169004	9613169006	9613169008
	2	Valve body, 2 ports, clamp			9613169018	9613169020	9613169022	9613169024
	2	Valve body, 1 port, welding ends			9613444809	9613444811	9613444813	9613444815
	2	Valve body, 2 ports, welding ends			9613444810	9613444812	9613444814	9613444816
63	1	Port seal element, clamp			9634070601	9634070701	9634070801	9634070901
		Port seal element, welding ends			9634071101	9634071201	9634071301	9634071401
Valve Plug (change over)								
27	1	Plug, complete, EPDM (standard)	9613122301	9613122302	9613122303	9613122304	9613122305	9613122306
	1	Plug, complete, HNBR	9613122307	9613122308	9613122309	9613122310	9613122311	9613122312
	1	Plug, complete, FPM	9613122313	9613122314	9613122315	9613122316	9613122317	9613122318
27.1	1	Plug	9613143601	9613143901	9613143902	9613143903	9613143904	9613143905
27.2	♦	2 Plug seal, EPDM (standard)						
	♦	2 Plug seal, HNBR						
	♦	2 Plug seal, FPM						
		Plug seal set, (10 pcs.) EPDM	9614059401	9614059404	9614059407	9614059410	9614059413	9614059416
		Plug seal set, (10 pcs.) HNBR	9614059402	9614059405	9614059408	9614059411	9614059414	9614059417
		Plug seal set, (10 pcs.) FPM	9614059403	9614059406	9614059409	9614059412	9614059415	9614059418

Recommended spare parts: Service kits



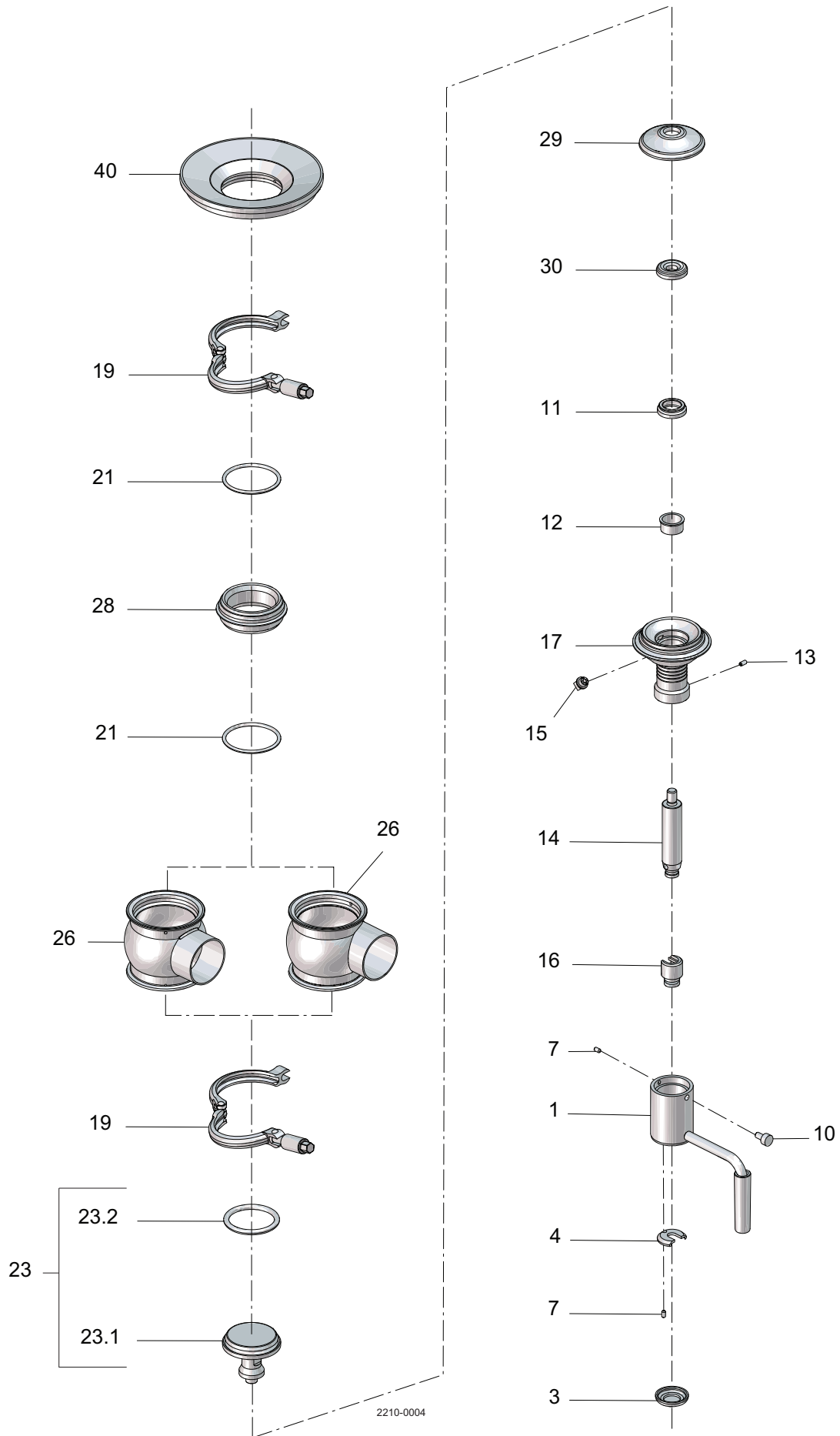
Service Kits

	1"	1½"	2"	2½"	3"	4"
Standard						
♦ Service kit, EPDM	9611926615	9611926616	9611926617	9611926618	9611926619	9611926620
♦ Service kit, HNBR	9611926621	9611926622	9611926623	9611926624	9611926625	9611926626
♦ Service kit, FPM	9611926627	9611926628	9611926629	9611926630	9611926631	9611926632
Tangential only						
♦ Service kit, EPDM	9611926927	9611926928	9611926929	9611926930	9611926931	9611926932
♦ Service kit, HNBR	9611926933	9611926934	9611926935	9611926936	9611926937	9611926938
♦ Service kit, FPM	9611926939	9611926940	9611926941	9611926942	9611926943	9611926944

Parts marked with ♦ are included in the service kits (product wetted parts)

Tool for bushing (pos. 12) 9613-1609-01

TD900-657



Pos	Qty	Denomination	DN50	DN65	DN80	DN100
			51 mm	63.5 mm	76.1 mm	101.6 mm
Actuator						
		Crank mechanism complete	9613182002	9613182003	9613182004	9613182005
1	1	Crank	3135304621	3135304621	3135304621	3135304621
3	1	Cap	3135304681	3135304681	3135304681	3135304681
4	1	Washer	3135304671	3135304671	3135304671	3135304671
7	2	Set screw	22158192	22158192	22158192	22158192
10	1	Lock screw	3135305291	3135305291	3135305291	3135305291
11	1	Lip seal, HNBR	9613120502	9613120502	9613120502	9613120502
12	1	Bushing	9613125002	9613125002	9613125002	9613125002
13	1	Spring pin	9611992969	9611992969	9611992969	9611992969
14	1	Upper spindle	9613181801	9613181801	9613181801	9613181801
15	1	Plug	9613414101	9613414101	9613414101	9613414101
16	1	Stem extension	9613121801	9613121801	9613121801	9613121801
17	1	Sealing element	9613181401	9613181501	9613181601	9613181701
Clamp						
19	1	Clamp	9612939304	9612939305	9612939306	9612939307
21	♦	2 O-ring, EPDM (standard)				
	♦	2 O-ring, HNBR				
	♦	2 O-ring, FPM				
		O-ring set, 10 pcs., EPDM	9614059425	9614059428	9614059431	9614059434
		O-ring set, 10 pcs., HNBR	9614059426	9614059429	9614059432	9614059435
		O-ring set, 10 pcs., FPM	9614059427	9614059430	9614059433	9614059436
29	♦	1 Diaphragm				
		Diaphragm set, 10 pcs.	9614059438	9614059439	9614059440	9614059441
30	1	Disc for diaphragm	9613144101	9613144201	9613144301	9613144301
Valve body standard (upper)						
26	1	Valve body, 1 port, ISO	9613139305	9613139307	9613139309	9613139311
	1	Valve body, 2 ports, ISO	9613139306	9613139308	9613139310	9613139312
	1	Valve body, 1 port, DIN	9613139405	9613139407	9613139409	9613139411
	1	Valve body, 2 ports, DIN	9613139406	9613139408	9613139410	9613139412
(Valve body tangential (welding ends))						
	1	Valve body, 1 port, ISO	9613444801	9613444803	9613444805	9613444807
	1	Valve body, 2 ports, ISO	9613444802	9613444804	9613444806	9613444808
Seat						
28	1	Seat	9613127503	9613127504	9613127505	9613127506
Tank flange						
40	1	Tank flange	9634069901	9634070001	9634070101	9634070201
Valve Plug (shut-off)						
23	1	Plug, complete, ISO, EPDM (standard)	9613122103	9613122104	9613122105	9613122106
	1	Plug, complete, ISO, HNBR	9613122109	9613122110	9613122111	9613122112
	1	Plug, complete, ISO, FPM	9613122115	9613122116	9613122117	9613122118
	1	Plug, complete, DIN, EPDM (standard)	9613122121	9613122122	9613122123	9613122124
	1	Plug, complete, DIN, HNBR	9613122127	9613122128	9613122129	9613122130
	1	Plug, complete, DIN, FPM	9613122133	9613122134	9613122135	9613122136
23.1	1	Plug, ISO	9613143401	9613143402	9613143403	9613143404
	1	Plug, DIN	9613143405	9613143406	9613143407	9613143408
23.2	♦	1 Plug seal, EPDM (standard)				
	♦	1 Plug seal, HNBR				
	♦	1 Plug seal, FPM				
		Plug seal set, 10 pcs., EPDM	9614059407	9614059410	9614059413	9614059416
		Plug seal set, 10 pcs., HNBR	9614059408	9614059411	9614059414	9614059417
		Plug seal set, 10 pcs., FPM	9614059409	9614059412	9614059415	9614059418

Recommended spare parts: Service kits

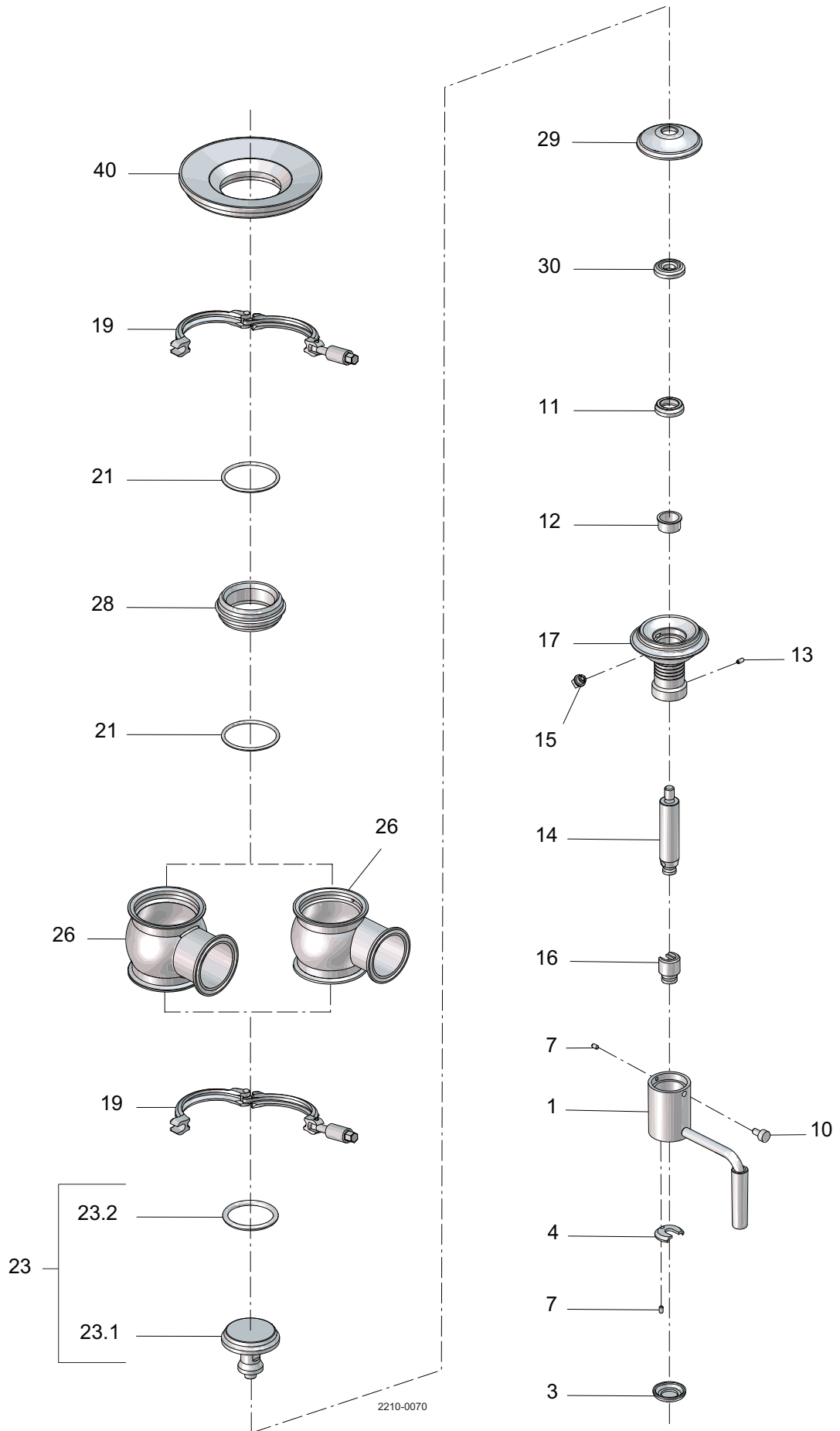
Service kits

		DN50	DN65	DN80	DN100
		51 mm	63.5 mm	76.1 mm	101.6 mm
♦	Service kit, EPDM	9611926945	9611926946	9611926947	9611926948
♦	Service kit, HNBR	9611926949	9611926950	9611926951	9611926952
♦	Service kit, FPM	9611926953	9611926954	9611926955	9611926946

Parts marked with ♦ are included in the service kits (product wetted parts)

Tool for bushing (pos. 12) 9613160901

TD900-655



Pos	Qty	Denomination	2"	2½"	3"	4"
Actuator						
		Crank mechanism complete	9613182002	9613182003	9613182004	9613182005
1	1	Crank	3135304621	3135304621	3135304621	3135304621
3	1	Cap	3135304681	3135304681	3135304681	3135304681
4	1	Washer	3135304671	3135304671	3135304671	3135304671
7	2	Set screw	22158192	22158192	22158192	22158192
10	1	Lock screw	3135305291	3135305291	3135305291	3135305291
11	1	Lip seal, HNBR	9613120502	9613120502	9613120502	9613120502
12	1	Bushing	9613125002	9613125002	9613125002	9613125002
13	1	Spring pin	9611992969	9611992969	9611992969	9611992969
14	1	Upper spindle	9613181801	9613181801	9613181801	9613181801
15	1	Plug	96134141-01	96134141-01	96134141-01	96134141-01
16	1	Stem extension	9613121801	9613121801	9613121801	9613121801
17	1	Sealing element	9613181402	9613181502	9613181602	9613181702
Clamp						
19	1	Clamp	9612939323	9612939324	9612939325	9612939326
21	♦	2 O-ring, EPDM (standard)				
	♦	2 O-ring, HNBR				
	♦	2 O-ring, FPM				
		O-ring set, (10 pcs.) EPDM	9614059425	9614059428	9614059431	9614059434
		O-ring set, (10 pcs.) HNBR	9614059426	9614059429	9614059432	9614059435
		O-ring set, (10 pcs.) FPM	9614059427	9614059430	9614059433	9614059436
29	♦	1 Diaphragm				
		Diaphragm set, (10 pcs.)	9614059438	9614059439	9614059440	9614059441
30	1	Disc for diaphragm	9613144101	9613144201	9613144301	9613144301
Valve body standard (upper)						
26	1	Valve body, 1 ports, clamp	9613161505	9613161507	9613161509	9613161511
	1	Valve body, 2 ports, clamp	9613161506	9613161508	9613161510	9613161512
	1	Valve body, 1 ports, welding ends	9613139317	9613139319	9613139321	9613139323
	1	Valve body, 2 ports, welding ends	9613139318	9613139320	9613139322	9613139324
(Valve body tangential)						
	2	Valve body, 1 port, clamp	9613169002	9613169004	9613169006	9613169008
	2	Valve body, 2 ports, clamp	9613169018	9613169020	9613169022	9613169024
	2	Valve body, 1 port, welding ends	9613444809	9613444811	9613444813	9613444815
	2	Valve body, 2 ports, welding ends	9613444810	9613444812	9613444814	9613444816
Seat						
28	1	Seat	9613127503	9613127504	9613127505	9613127506
Tank flange						
40	1	Tank flange	9634069901	9634070001	9634070101	9634070201
Valve Plug (shut off)						
23	1	Plug, complete, EPDM (standard)	9613122103	9613122104	9613122105	9613122106
	1	Plug, complete, HNBR	9613122109	9613122110	9613122111	9613122112
	1	Plug, complete, FPM	9613122115	9613122116	9613122117	9613122118
23.1	1	Plug	9613143401	9613143402	9613143403	9613143404
23.2♦	1	Plug seal, EPDM (standard)				
	♦	1 Plug seal, HNBR				
	♦	1 Plug seal, FPM				
		Plug seal set, (10 pcs.) EPDM	9614059407	9614059410	9614059413	9614059416
		Plug seal set, (10 pcs.) HNBR	9614059408	9614059411	9614059414	9614059417
		Plug seal set, (10 pcs.) FPM	9614059409	9614059412	9614059415	9614059418

Recommended spare parts: Service kits

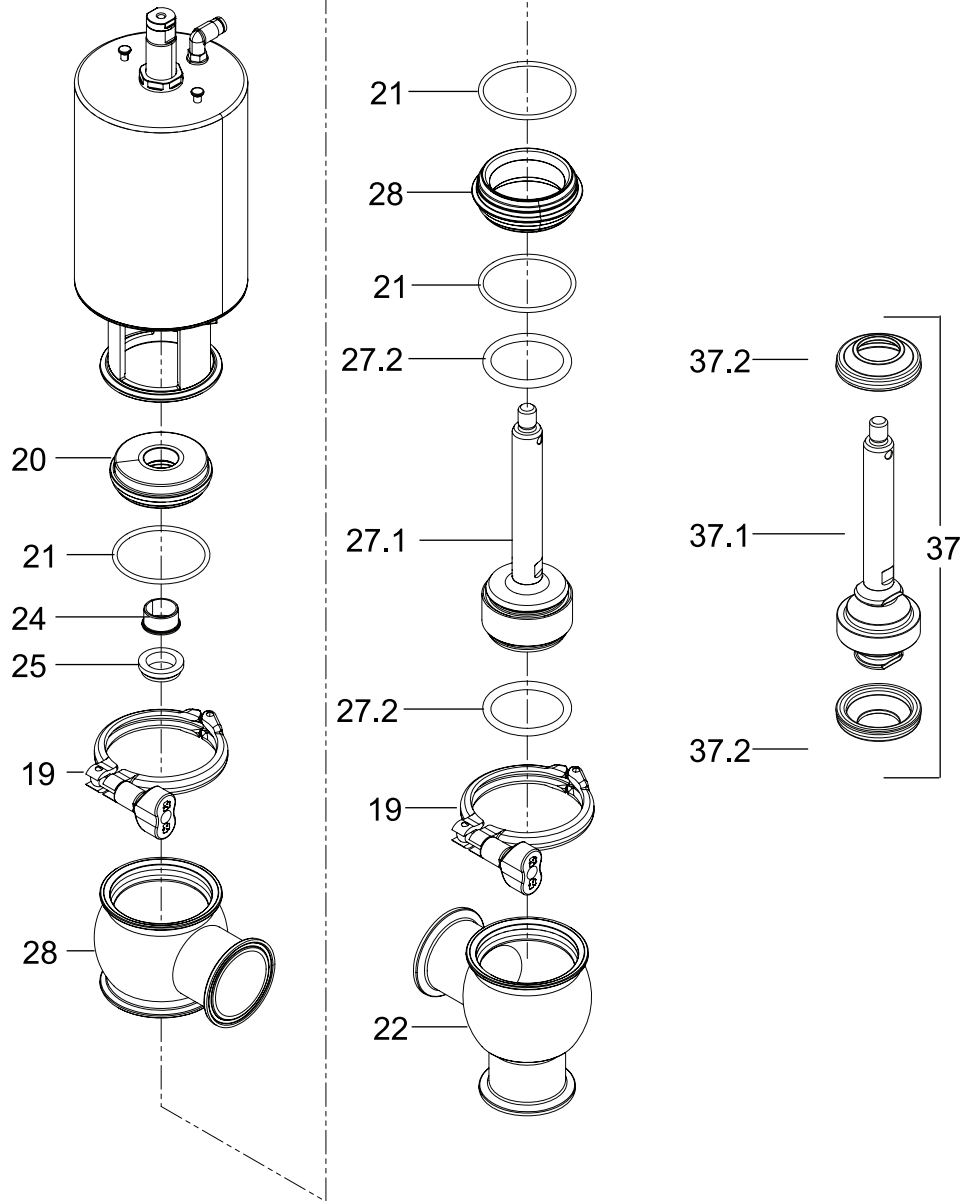
Service Kits

		2"	2½"	3"	4"
♦	Service kit, EPDM	9611926945	9611926946	9611926947	9611926948
♦	Service kit, HNBR	9611926949	9611926950	9611926951	9611926952
♦	Service kit, FPM	9611926953	9611926954	9611926955	9611926956

Parts marked with ♦ are included in the service kits (product wetted parts)

Tool for bushing (pos. 12) 9613-1609-01

Maintainable Actuator
Refer to actuator spares



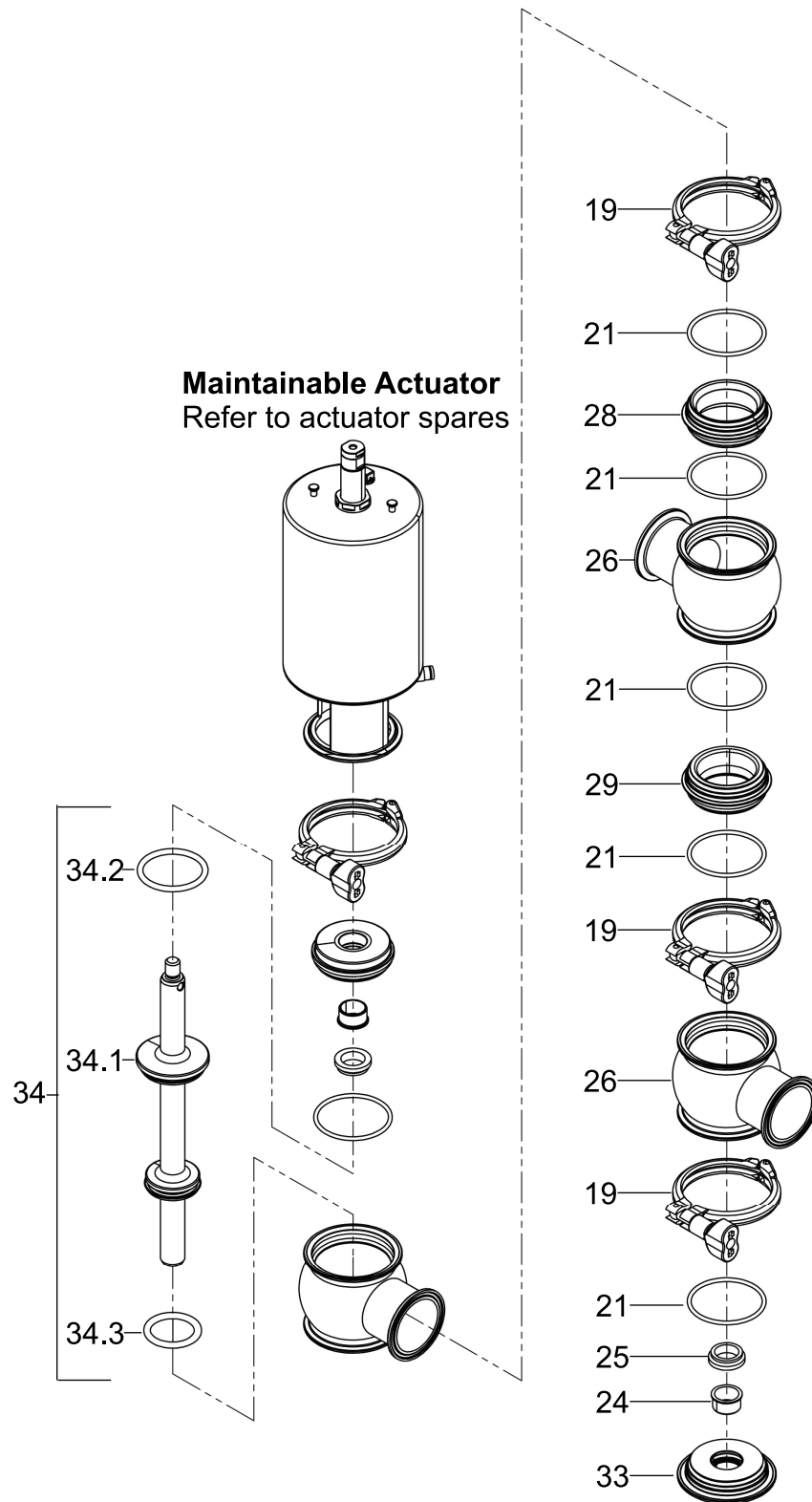
Single seat valves

Unique SSV, Flo-diversion valve

Pos	Qty	Denomination	1 1/2"	2"	2 1/2"	3"
19	2	Clamp	9612939316	9612939317	9612939318	9612939319
20	1	Bonnet	9613127102	9613127103	9613127104	9613127105
21 □	3	O-Ring, EPDM				
	3	O-Ring, HNBR				
	3	O-Ring, FPM				
		O-Ring, Set (10 pcs.), EPDM	9614059422	9614059425	9614059428	9614059431
		O-Ring, Set (10 pcs.), HNBR	9614059423	9614059426	9614059429	9614059432
		O-Ring, Set (10 pcs.), FPM	9614059424	96140594267	9614059430	9614059433
24	1	Bushing	9613125002	9613125002	9613125002	9613125002
25 □	2	Lip Seal, EPDM				
	2	Lip Seal, HNBR				
	2	Lip Seal, FPM				
		Lip Seal, Set (10 pcs.), EPDM				
		Lip Seal, Set (10 pcs.), HNBR				
		Lip Seal, Set (10 pcs.), FPM				
28	1	Seat, Upper	9613127502	9613127503	9613127504	9613127505
26	1	Valve Body, Upper, 1 port, clamp	9634095550	9613161505	9613161507	9613161509
22	1	Valve Body, Lower, 2 port, clamp	9634095549	9613161505	9613161507	9613161509
27	1	Valve Plug - Elastomer (STD), ISO, complete, EPDM	9613127702	9613127703	9613127704	9613127705
	1	Valve Plug - Elastomer (STD), ISO, complete, HNBR	9613127714	9613127153	9613127716	9613127717
	1	Valve Plug - Elastomer (STD), ISO, complete, FPM	9613127726	9613127127	9613127728	9613127729
27.1	1	Valve Plug - Elastomer (STD), ISO	9613140002	9613140003	9613140004	9613140005
27.2□	2	Valve Plug - Elastomer seal, EPDM				
	2	Valve Plug - Elastomer seal, HNBR				
	2	Valve Plug - Elastomer seal, FPM				
		Valve Plug - Elastomer seal, set (10 pcs.) EPDM	9614059404	9614059407	9614059410	9614059413
		Valve Plug - Elastomer seal, set (10 pcs.) HNBR	9614059405	9614059408	9614059411	9614059414
		Valve Plug - Elastomer seal, set (10 pcs.) FPM	9614059406	96140594089	9614059412	9614059415
37	1	Valve Plug - TR2 (Optional) Complete	9613155502	9613155503	9613155504	9613155505
37.1	1	Valve Plug - TR2 (Optional)	9613155401	9613155502	9613155403	9613155404
37.2□	2	Valve Plug Seal, PTFE TR2				
		Valve Plug seal, set (10 pcs.) PTFE TR2	9614059449	9614059450	9614059451	9614059452

Parts marked with □ are included in the service kits.

		1 1/2"	2"	2 1/2"	3"
□	Service Kit, EPDM	9611926580	9611926581	9611926582	9611926583
□	Service Kit, HNBR	9611926586	9611926587	9611926588	9611926590
□	Service Kit, FPM	9611926592	9611926593	9611926594	9611926595
□	Service Kit, TR2 W/EPDM	9611926633	9611926634	9611926635	9611926636
□	Service Kit, TR2 W/HNBR	9611926638	9611926639	9611926640	9611926641
□	Service Kit, TR2 W/FPM	9611926643	9611926644	9611926645	9611926646

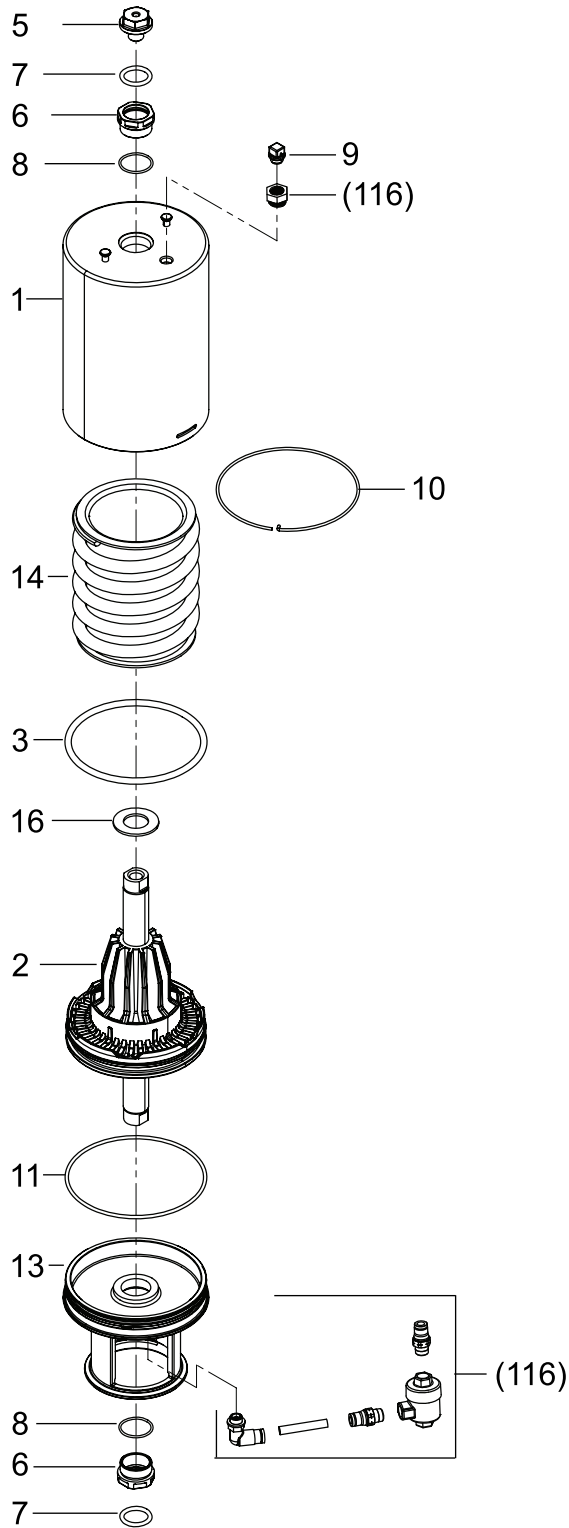


Pos	Qty	Denomination	2"	2 1/2"	3"	4"
19	4	Clamp	9612939317	9612939318	9612939319	9612939320
20	1	Upper Bonnet	9613127103	9613127104	9613127105	9613127106
21	6	Bonnet O-ring, EPDM				
	6	Bonnet O-ring, HNBR				
	6	Bonnet O-ring, FPM				
		Bonnet O-ring, set (10 pcs.), EPDM	9614059425	9614059428	9614059431	9614059434
		Bonnet O-ring, set (10 pcs.), HNBR	9614059426	9614059429	9614059432	9614059435
		Bonnet O-ring, set (10 pcs.), FPM	9614059427	9614059430	9614059433	9614059436
24	2	Bonnet Bushing	9613125002	9613125002	9613125002	9613125002
25	2	Bonnet Lip Seal, EPDM				
	2	Bonnet Lip Seal, HNBR				
	2	Bonnet Lip Seal, FPM				
		Bonnet Lip Seal, Set (10 pcs.), EPDM	9614059419	9614059419	9614059419	9614059419
		Bonnet Lip Seal, Set (10 pcs.), HNBR	9614059420	9614059420	9614059420	9614059420
		Bonnet Lip Seal, Set (10 pcs.), FPM	9614059421	9614059421	9614059421	9614059421
33	1	Lower Bonnet	9634092101	9634092102	9634092103	9634092104
28	1	Seat, Upper	9613127503	9613127504	9613127505	9613127506
29	1	Seat, Lower	9634092001	9634092002	9634092003	9634092004
26	3	Valve Body, upper, 1 port, clamp	9613161505	9613161507	9613161509	9613161511
	3	Valve Body, tangential, upper, 1 port, clamp	9613169002	9613169004	9613169006	9613169008
34	1	Valve Plug, RA-FDV, complete, EPDM	9614258701	9614258702	9614258703	9614258704
	1	Valve Plug, RA-FDV, complete, HNBR	9614258705	9614258706	9614258707	9614258708
34.1	1	Valve Plug, RA-FDV	9634091101	9634091102	9634091103	9634091104
34.2	1	Valve Plug seal, Upper, EPDM				
	1	Valve Plug seal, Upper, HNBR				
	1	Valve Plug seal, Upper, FPM				
	1	Valve Plug seal, Upper, set (10 pcs.), EPDM	9614059407	9614059410	9614059413	9614059416
	1	Valve Plug seal, Upper, set (10 pcs.), HNBR	9614059408	9614059411	9614059414	9614059417
	1	Valve Plug seal, Upper, set (10 pcs.), FPM	9614059409	9614059412	9614059415	9614059418
34.3	1	Plug seal, Lower, EPDM				
	1	Plug seal, Lower, HNBR				
	1	Plug seal, Lower, FPM				
	1	Plug seal, Lower, set (10 pcs.), EPDM	9614059404	9614059407	9614059410	9614059413
	1	Plug seal, Lower, set (10 pcs.), HNBR	9614059405	9614059408	9614059411	9614059414
	1	Plug seal, Lower, set (10 pcs.), FPM	9614059406	9614059409	9614059412	9614059415

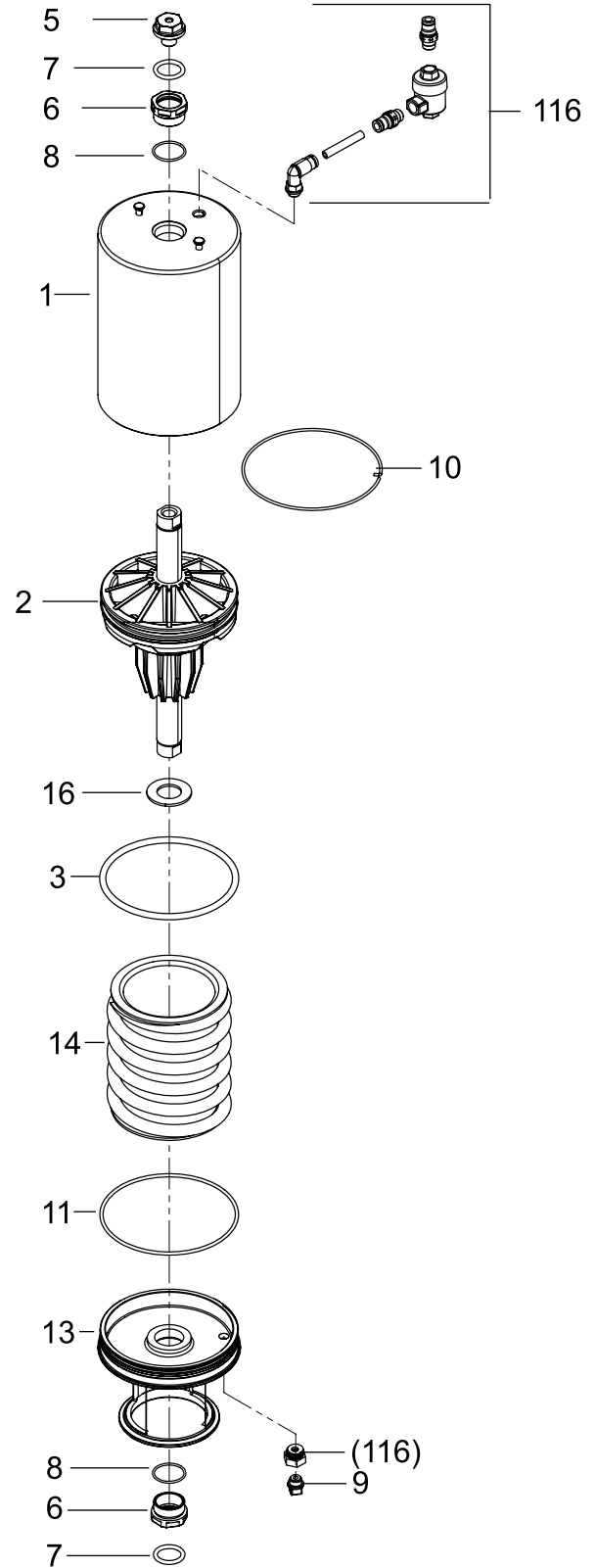
Parts marked with □ are included in the service kits.

- O-ring - order position numbers 21 in 10 pcs. sets, according to valve size and elastomer type as listed above
- Lip Seal - order position numbers 25 in 10 pcs. sets, according to valve size and elastomer type as listed above
- Plug Seal, Upper - order position numbers 34.2 in 10 pcs. sets, according to valve size and elastomer type as listed above
- Plug Seal, Lower - order position numbers 34.3 in 10 pcs. sets, according to valve size and elastomer type as listed above

Failed Closed Actuator for Reverse Acting Exploded View



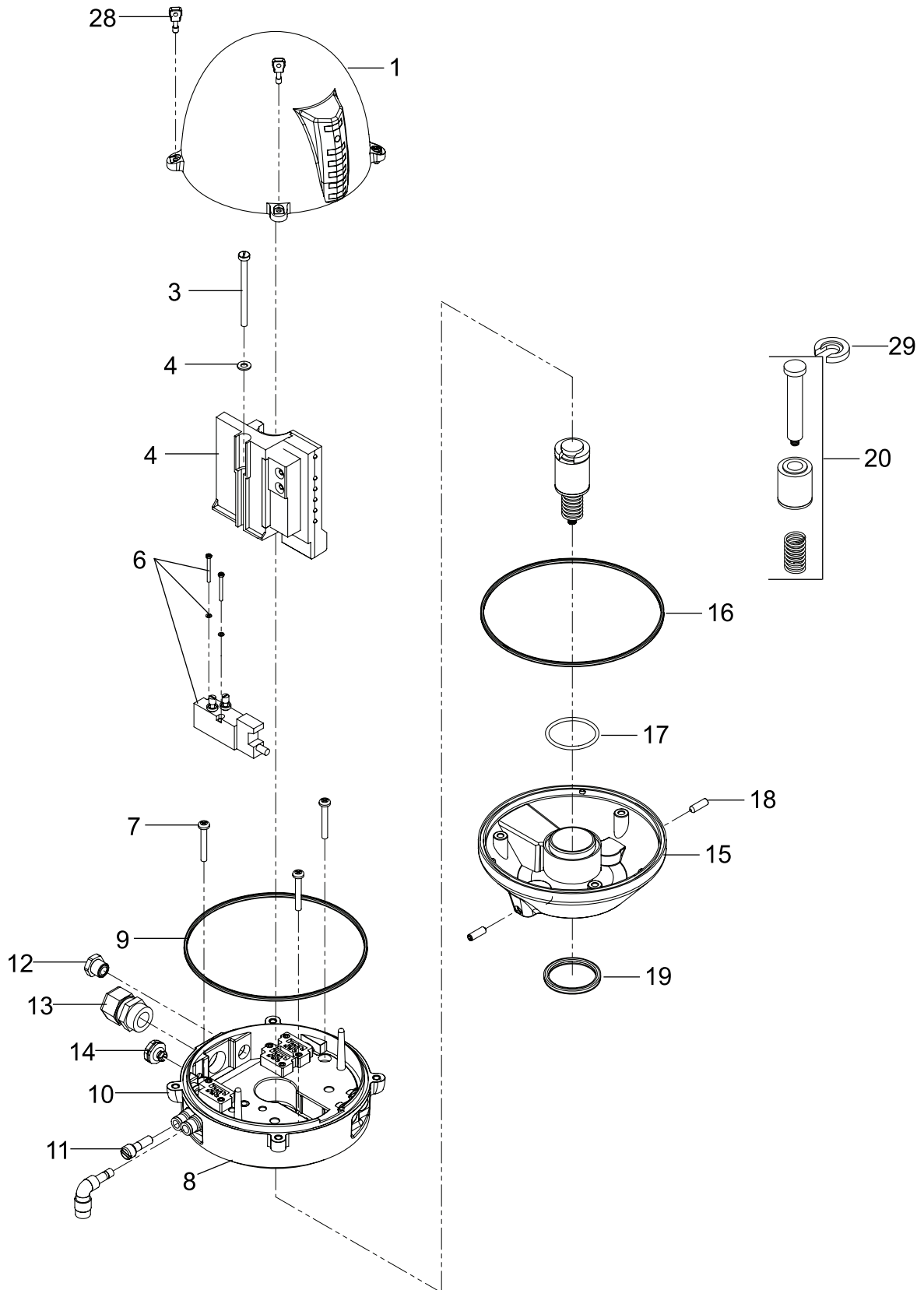
Failed Open Actuator for Standard Exploded View



Pos	Qty	Denomination	1 1/2"	2"	2 1/2"	3"	4"
		Actuator Complete (Normally Closed)	NA	9634093801	9634093802	9634093803	9634093804
		Actuator Complete (Normally Opened)	9634093805	9634093806	9634093807	9634093808	NA
1	1	Cylinder, (polished)	9615220404	9615220405	9615220405	9615220406	9615220406
2	1	Piston	9613132201	9613132301	9613132301	9613132401	9613132401
3	□	O-ring					
5	1	Adapter, steel	9614065301	9614065301	9614065301	9614065301	9614065301
6	□	Bushing					
7	□	O-ring					
8	□	O-ring					
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
10	1	Lock wire	9613143201	9613143202	9613143202	9613143203	9613143203
11	□	O-ring					
116	1	Kit, Quick Exhaust	9615228201	9615228201	9615228201	9615228201	9615228201
14	1	Spring assembly	9613132501	9613132502	9613132502	9613132503	9613132503
15	1	Bottom	9615220501	9615220502	9615220502	9615220503	9615220503
16	□	Support disc					
13	1	Yoke	9613154301	9613154402	9613154502	9613154603	9613154703

Parts marked with □ are included in the service kits.

			1 1/2"	2"	2 1/2"	3"	4"
□		Service kit, NO , NC.	9611926497	9611926498	9611926498	9611926499	9611926499



ThinkTop for 7000 FDV. Digital top with or without (1) solenoid. Standard parts except for special magnet assembly. Magnet assembly allows insert of "test gauge" to change setting position. Also, eyelet cover screws allows (position 2) the addition of seal wire to secure top and to be added by inspector.

Pos	Qty	Denomination	
		ThinkTop Complete, 0SOL Digital 24VDC	9634093901
		ThinkTop Complete, 1SOL Digital 24VDC	9634093902
1	1	Shell complete	9613427901
28	2	Tamper proof screw	9634091001
3	1	Screw	9611993458
4	1	Washer	9611993459
5	1	Sensor board, Digital 8-30 VDC PNP/NPN	9613443401
6	1	Solenoid valve, 3/2, 24 VDC	9611993324
7	3	PT screw	9611993457
8	1	Base, complete, no solenoids (Pos. 9, 12,13, 14 included)	9613428201
	1	Base, complete, 3/3 24 VDC, one solenoid (Pos. 9, 10, 11, 12,13, 14 included)	9613428202
9	1	Special X-ring, grey	9613456401
10	1	Air fitting, elbow, metal plug with grey rim: Ø6 mm / 1/4".	9611995679
11	1	Blow-off valve	9612563601
12	1	Thread plug, PG7 Ø3-Ø6.5 mm	9611993407
13	1	Cable gland, PG11 Ø4-Ø10 mm	9611993517
14	1	Gore vent High airflow	9611994722
15	1	Adapter complete	9612562101
16	1	Special X-ring	9612999401
17	1	O-ring	9611993350
18	2	Allen screw	9611993409
19	1	Special X-ring	9612569601
20	1	Indicator pin, complete	9615228101
29	1	Test washer	9634092802

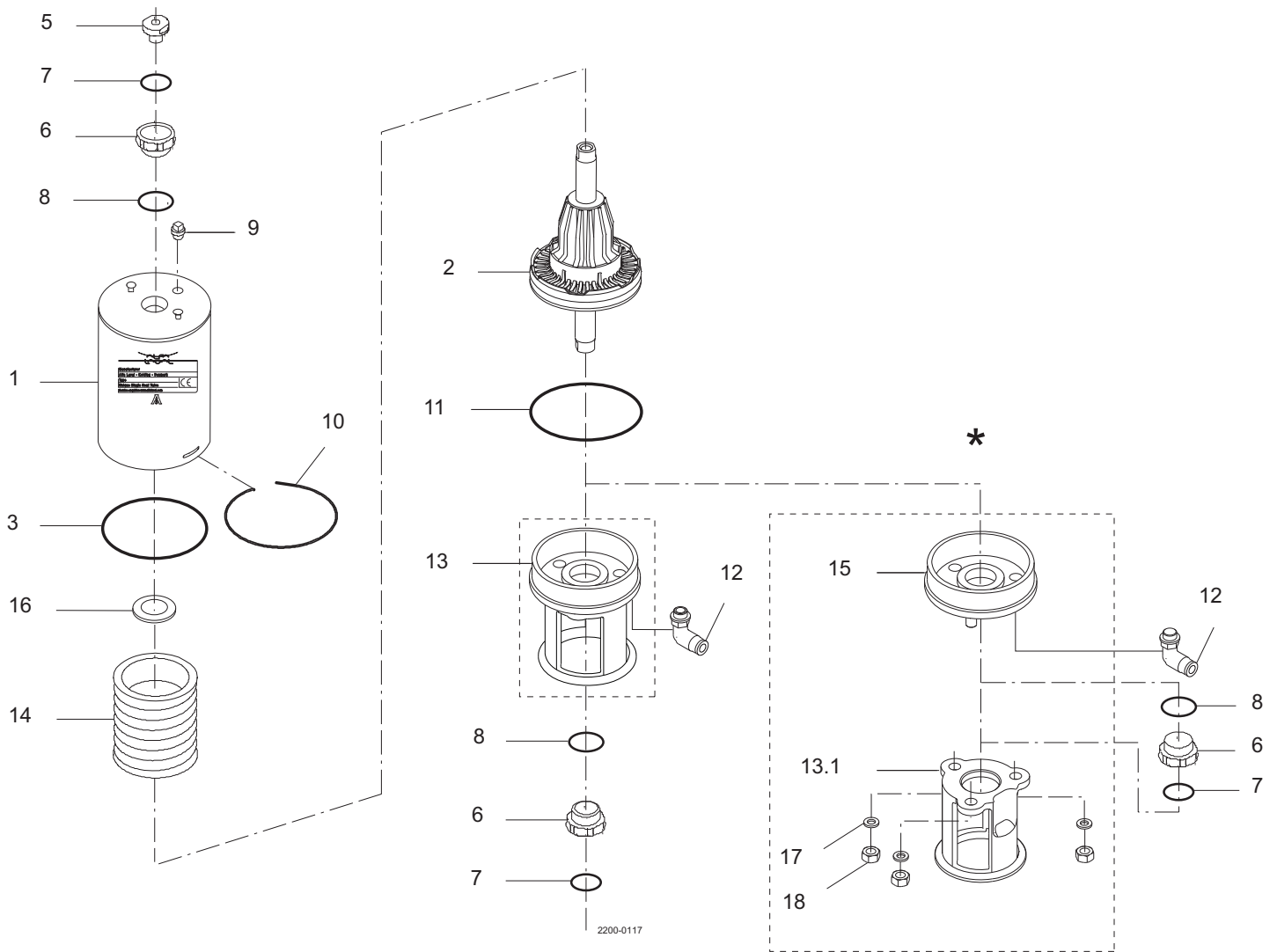
If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



*) "Removable yoke with bolts" version, produced from 2006 to June 2016.
 Replaced by "yoke without bolts" (13)

Pos	Qty	Denomination	DN 25	DN 40	DN 50	DN 65	DN 80	DN 100
			25 mm	38 mm	51 mm	63.5 mm	76.1 mm	101.6 mm
		Actuator, complete (NO)	9613185301	9613185301	9613185302	9613185303	9613185304	9613185305
		Actuator, complete (NC)	9613185306	9613185306	9613185307	9613185308	9613185309	9613185310
		Actuator, complete (A/A)	9613185311	9613185311	9613185312	9613185313	9613185314	9613185315
1	1	Cylinder, (blasted)	9613142511	9613142511	9613142512	9613142512	9613142513	9613142513
	1	Cylinder, (polished)	9613142514	9613142514	9613142515	9613142515	9613142516	9613142516
2	1	Piston	9613132201	9613132201	9613132301	9613132301	9613132401	9613132401
3	□♦	O-ring						
5	1	Adapter, plastic (- 0115)						
	1	Adapter, steel (0115 - 0518)						
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701	9615374701
6	□♦	Bushing						
7	□♦	O-ring						
8	□♦	O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
10	1	Lock wire	9613143201	9613143201	9613143202	9613143202	9613143203	9613143203
11	□♦	O-ring						
12	1(2)	Air fitting (only 2 for A/A)	9611991988	9611991988	9611991988	9611991988	9611991988	9611991988
13	1	Yoke without bolts, (0616 ->)	9613154301	9613154301	9613154402	9613154502	9613154603	9613154703
14	1	Spring assembly	9613132501	9613132501	9613132502	9613132502	9613132503	9613132503
16	□♦	Support disc (only 2 for A/A)						

Removable yoke with bolts (obsolete) - use position 13

13.1	1	Yoke (-> 0616)						
15	1	Bottom (-> 0616)						
17	3	Washer (-> 0616)						
18	3	Nut (-> 0616)						

			DN 25	DN 40	DN 50	DN 65	DN 80	DN 100
			25 mm	38 mm	51 mm	63.5 mm	76.1 mm	101.6 mm

Service kits

□	Service kit, NO , NC	9611926497	9611926497	9611926498	9611926498	9611926499	9611926499	9611926499
♦	Service kit, A/A	9611926519	9611926519	9611926520	9611926520	9611926521	9611926521	9611926521

Parts marked with □♦ are included in the service kits.

Recommended spare parts: Service kits.

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger.

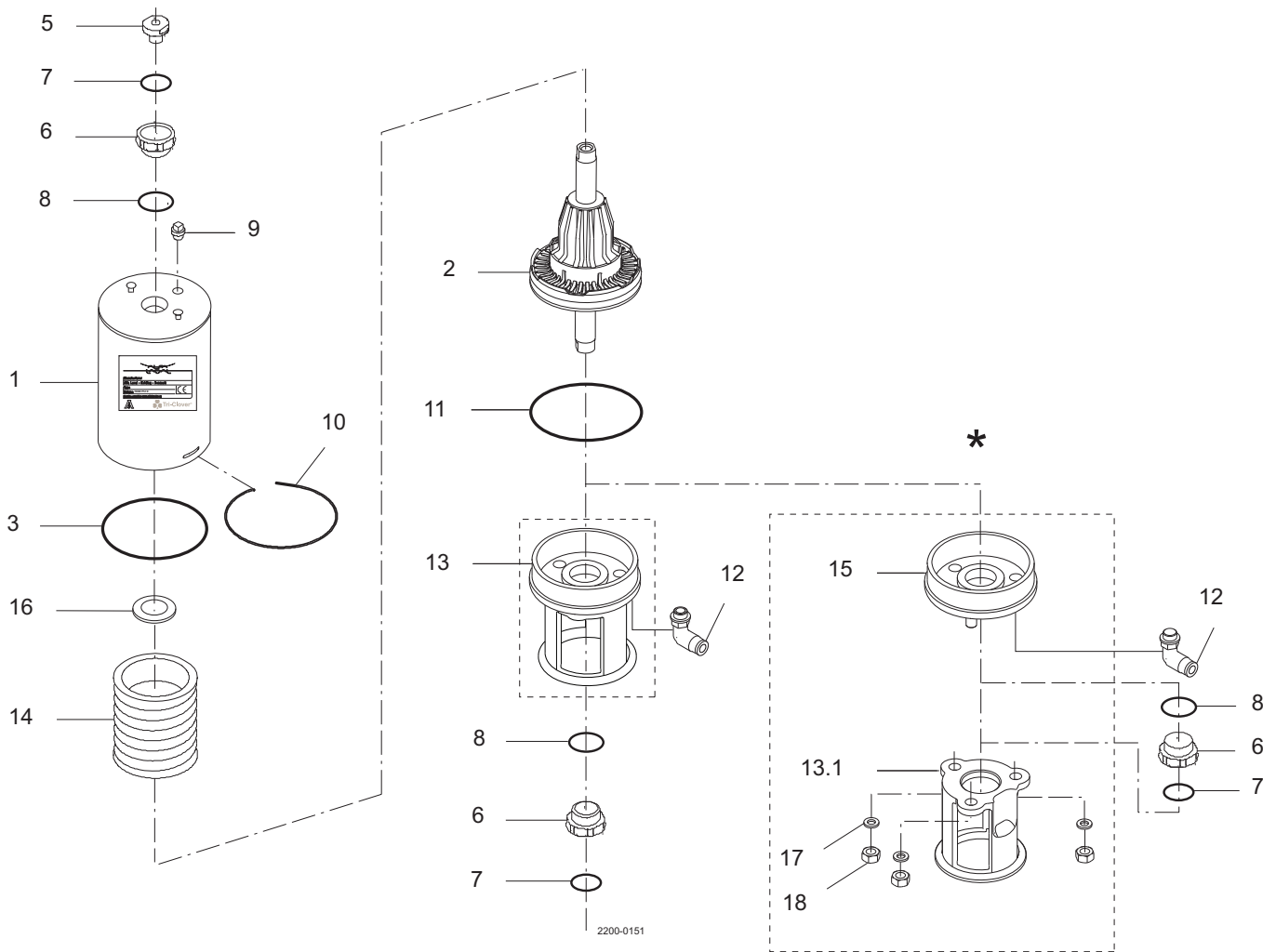


Do NOT attempt to cut the actuator open, due to spring under load danger.



AND

Do NOT attempt to cut the actuator open, due to spring under load danger.



*) Removal yoke with bolts version, produced from 2006 to June 2016.
Phased out with yoke without bolts (13)

Pos	Qty	Denomination	1"	1½"	2"	2½"	3"	4"
		Actuator, complete (NO)	9613185316	9613185316	9613185317	9613185318	9613185319	9613185320
		Actuator, complete (NC)	9613185321	9613185321	9613185322	9613185323	9613185324	9613185325
		Actuator, complete (A/A)	9613185326	9613185326	9613185327	9613185328	9613185329	9613185330
1	1	Cylinder, blasted	9613142517	9613142517	9613142518	9613142518	9613142519	9613142519
	1	Cylinder, polished	9613142520	9613142520	9613142521	9613142521	9613142522	9613142522
2	1	Piston	9613132201	9613132201	9613132301	9613132301	9613132401	9613132401
3	■●	O-ring						
5	1	Adapter, plastic (- 0115)						
	1	Adapter, steel (0115 - 0518)						
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701	9615374701
6	■●	Bushing						
7	■●	O-ring						
8	■●	O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
10	1	Lock wire	9613143201	9613143201	9613143202	9613143202	9613143203	9613143203
11	■●	O-ring						
12	1/2	Air fitting (only 2 for A/A)	9611994682	9611994682	9611994682	9611994482	9611994682	9611994682
13	1	Yoke, without bolts	9613154301	9613154301	96131544402	9613154502	9613154603	9613154703
14	1	Spring assembly	9613132501	9613132501	9613132502	9613132502	9613132503	9613132503
16	■●	Support disc (only 2 for A/A)						

Removable yoke with bolts (obsolete) - use position 13

13.1	1	Yoke (-> 0616)						
15	1	Bottom (-> 0616)						
17	3	Washer (-> 0616)						
18	3	Nut (-> 0616)						

Service kits

			1"	1½"	2"	2½"	3"	4"
●	Service kit, NO/NC	9611926497	9611926497	9611926498	9611926498	9611926499	9611926499	9611926499
■	Service kit, A/A	9611926519	9611926519	9611926520	9611926520	9611926521	9611926521	9611926521

Recommended spare parts: Service kits.

Parts marked with ■● are included in the service kits.

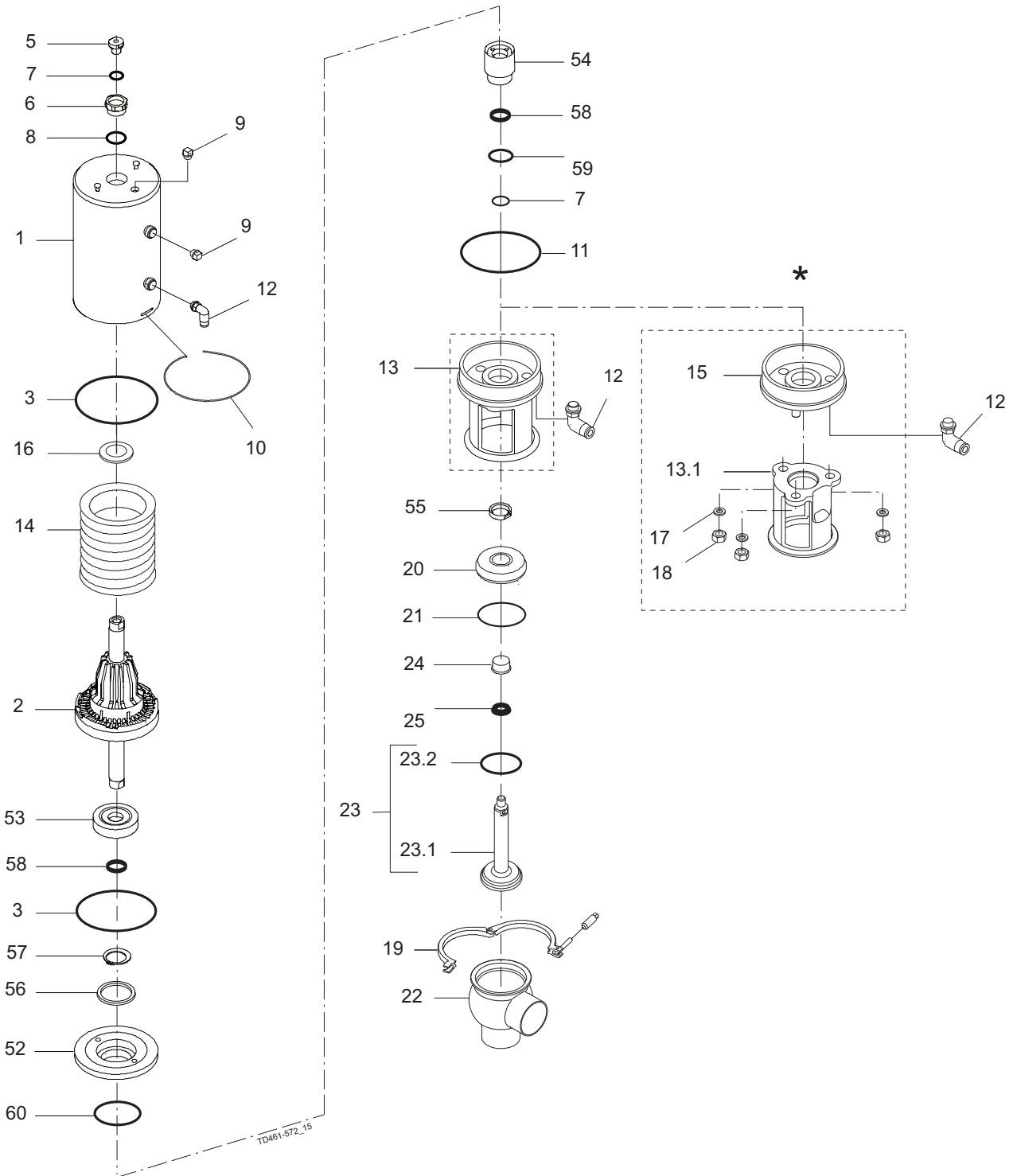
If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



*) "Remove yoke with bolts" version, produced from 2006 to June 2016.
 Replaced by "yoke without bolts" (13)

Pos	Qty	Denomination	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	DN 80 76 mm	DN 100 101.6 mm
		Actuator, complete (NC) shut-off valve	9613185401	9613185402	9613185403	9613185404	9613185405
		Actuator, complete (NO) change-over valve	9613185429	9613185430	9613185431	9613185432	9613185433
		Actuator, complete (NC) change-over valve	9613185419	9613185420	9613185421	9613185422	9613185423
1	1	Cylinder				9613167706	9613167706
2	1	Piston	9613132304	9613132304	9613132304	9613132405	9613132405
3	□ 2	O-ring					
5	1	Adapter, plastic (- 0115)					
	1	Adapter, steel (0115 - 0518)					
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701
6	□ 1	Bushing					
7	□ 2	O-ring					
8	□ 1	O-ring					
9	2	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
10	1	Lock wire	9613143202	9613143202	9613143202	9613143203	9613143203
11	□ 1	O-ring					
12	2	Air fitting	9611991988	9611991988	9611991988	9611991988	9611991988
13	1	Yoke without bolts (0616 -)	9615245401	9613154402	9613154502	9613154603	9613154703
14	1	Spring assembly	9613132502	9613132502	9613132502	9613132503	9613132503
16	□ 1	Support disc					
52	1	Piston	9613167801	9613167801	9613167801	9613167901	9613167901
53	1	Thrust plate	9613168201	9613168201	9613168201	9613168201	9613168201
54	1	Guide	9613168001	9613168001	9613168001	9613168101	9613168101
55	1	Nut	9613168301	9613168301	9613168301	9613168301	9613168301
56	2	Spacer, (only for shut-off valve)	9613168402				
	3	Spacer, (only for shut-off valve)		9613168402	9613168402	9613168402	9613168402
	1	Spacer, (only for shut-off valve)		9613168401	9613168401		
	2	Spacer, (only for shut-off valve)				9613168401	9613168401
57	1	Lock ring	51997509	51997509	51997509	51997509	51997509
58	2	Guide ring	9613008424	9613008424	9613008424	9613008424	9613008424
59	□ 1	O-ring					
60	□ 1	O-ring					

Removeable yoke with bolts - OBSOLETE**use position 13**

13.1	1	Yoke (- 0616)					
15	1	Bottom (- 0616)					
17	3	Washer (- 0616)					
18	3	Nut (- 0616)					

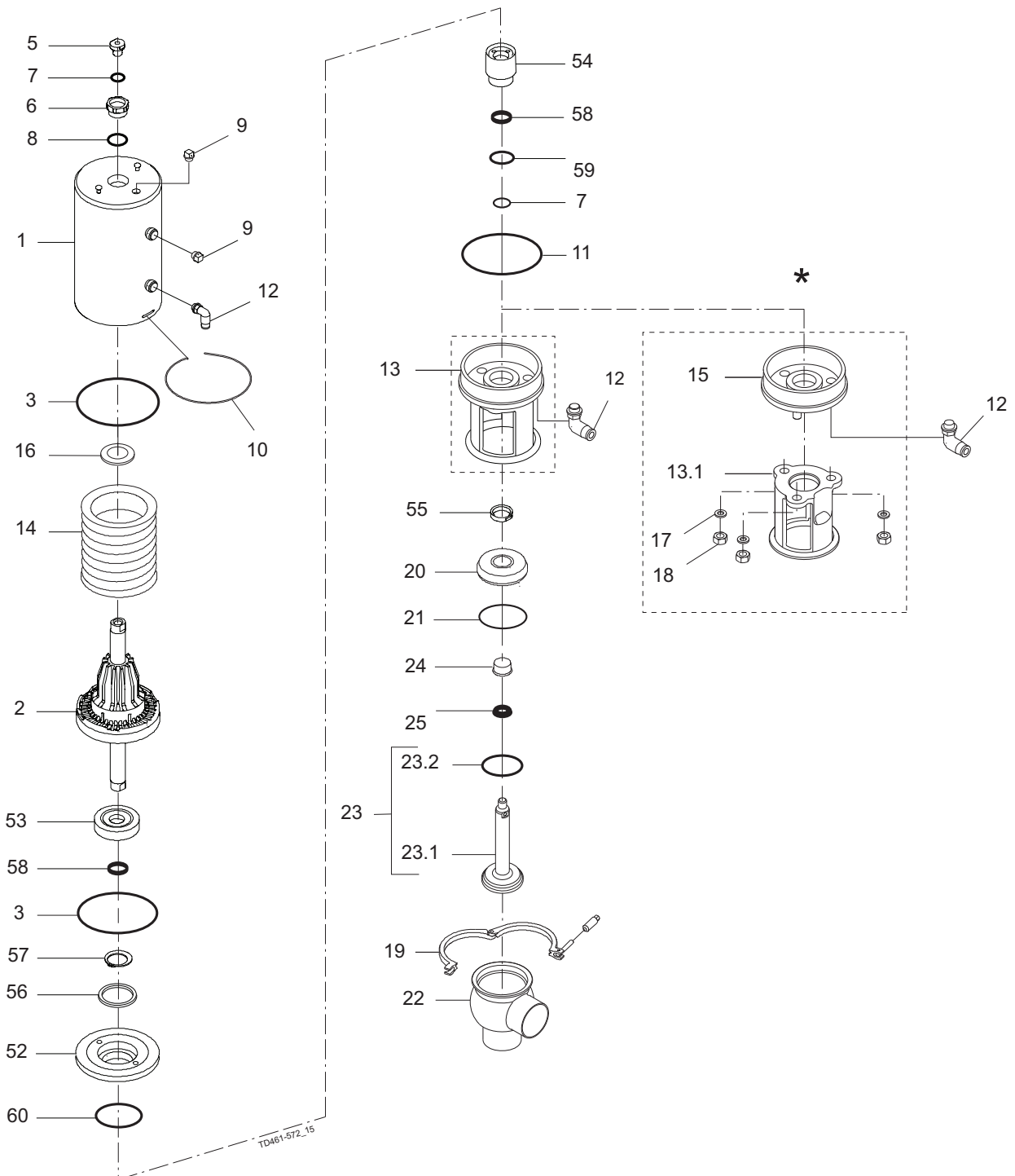
If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!



Do NOT attempt to cut the actuator open, due to spring under load danger!



*) "Remove yoke with bolts" version, produced from 2006 to June 2016.
Replaced by "yoke without bolts" (13)

Pos	Qty	Denomination	DN 40	DN 50	DN 65	DN 80	DN 100
			38 mm	51 mm	63.5 mm	76 mm	101.6 mm
Clamp							
19	1	Clamp	9612939303	9612939304	9612939305	9612939306	9612939307
Bonnet							
20	1	Bonnet	9613127102	9613127103	9613127104	9613127105	9613127106
21	♦	O-ring, EPDM (standard)					
	1	O-ring, HNBR					
	1	O-ring, FPM					
	1	O-ring, set (10 pcs.) EPDM	9614059422	9614059425	9614059428	9614059431	9614059434
	1	O-ring, set (10 pcs.) HNBR	9614059423	9614059426	9614059429	9614059432	9614059435
	1	O-ring, set (10 pcs.) FPM	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
25	♦	Lip seal, EPDM (standard)					
	1	Lip seal, HNBR					
	1	Lip seal, FPM					
	1	Lip seal, set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419
	1	Lip seal, set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420
	1	Lip seal, set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421
Valve Body							
22	1	Valve body, lower, 2 ports ISO	9613139503	9613139505	9613139507	9613139509	9613139511
	1	Valve body, lower, 3 ports ISO	9613139504	9613139506	9613139508	9613139510	9613139512
	1	Valve body, lower, 2 ports DIN	9613139603	9613139605	9613139607	9613139609	9613139611
	1	Valve body, lower, 3 ports DIN	9613139604	9613139606	9613139608	9613139610	9613139612
Valve Plug							
23	1	Plug, shut off, ISO, complete, EPDM (standard)	9613138802	9613138803	9613138804	9613138805	9613138806
	1	Plug, shut off, ISO, complete, HNBR	9613138814	9613138815	9613138816	9613138817	9613138818
	1	Plug, shut off, ISO, complete, FPM	9613138826	9613138827	9613138828	9613138829	9613138830
	1	Plug, shut off, DIN, complete, EPDM (standard)	9613138808	9613138809	9613138810	9613138811	9613138812
	1	Plug, shut off, DIN, complete, HNBR	9613138820	9613138821	9613138822	9613138823	9613138824
	1	Plug, shut off, DIN, complete, FPM	9613138832	9613138833	9613138834	9613138835	9613138836
23.1	1	Plug, shut off, ISO	9613139802	9613139803	9613139804	9613139805	9613139806
	1	Plug, shut off, DIN	9613139808	9613139809	9613139810	9613139811	9613139812
23.2♦	1	Plug seal, EPDM (standard)					
	1	Plug seal, HNBR					
	1	Plug seal, FPM					
	1	Plug seal, set (10 pcs.) EPDM	9614059404	9614059407	9614059410	9614059413	9614059416
	1	Plug seal, set (10 pcs.) HNBR	9614059405	9614059408	9614059411	9614059414	9614059417
	1	Plug seal, set (10 pcs.) FPM	9614059406	9614059409	9614059412	9614059415	9614059418
			DN 40	DN 50	DN 65	DN 80	DN 100
			38 mm	51 mm	63.5 mm	76 mm	101.6 mm

Service kits for actuator

□ Service kit, actuator 9611926738 9611926738 9611926738 9611926739 9611926739

Service kit for product wetted parts

Service kit, EPDM 9611926502 9611926503 9611926504 9611926505 9611926506
 Service kit, HNBR 9611926508 9611926509 9611926510 9611926511 9611926512
 Service kit, FPM 9611926514 9611926515 9611926516 9611926517 9611926518

Parts marked with □ are included in the service kits (actuator)

Parts marked with ♦ are included in the service kits (product wetted parts)

Tool for bushing (pos. 24) 9613160901

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.

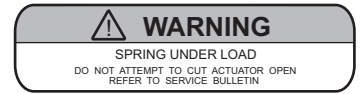


Do NOT attempt to disassemble the actuator due to spring under load danger!

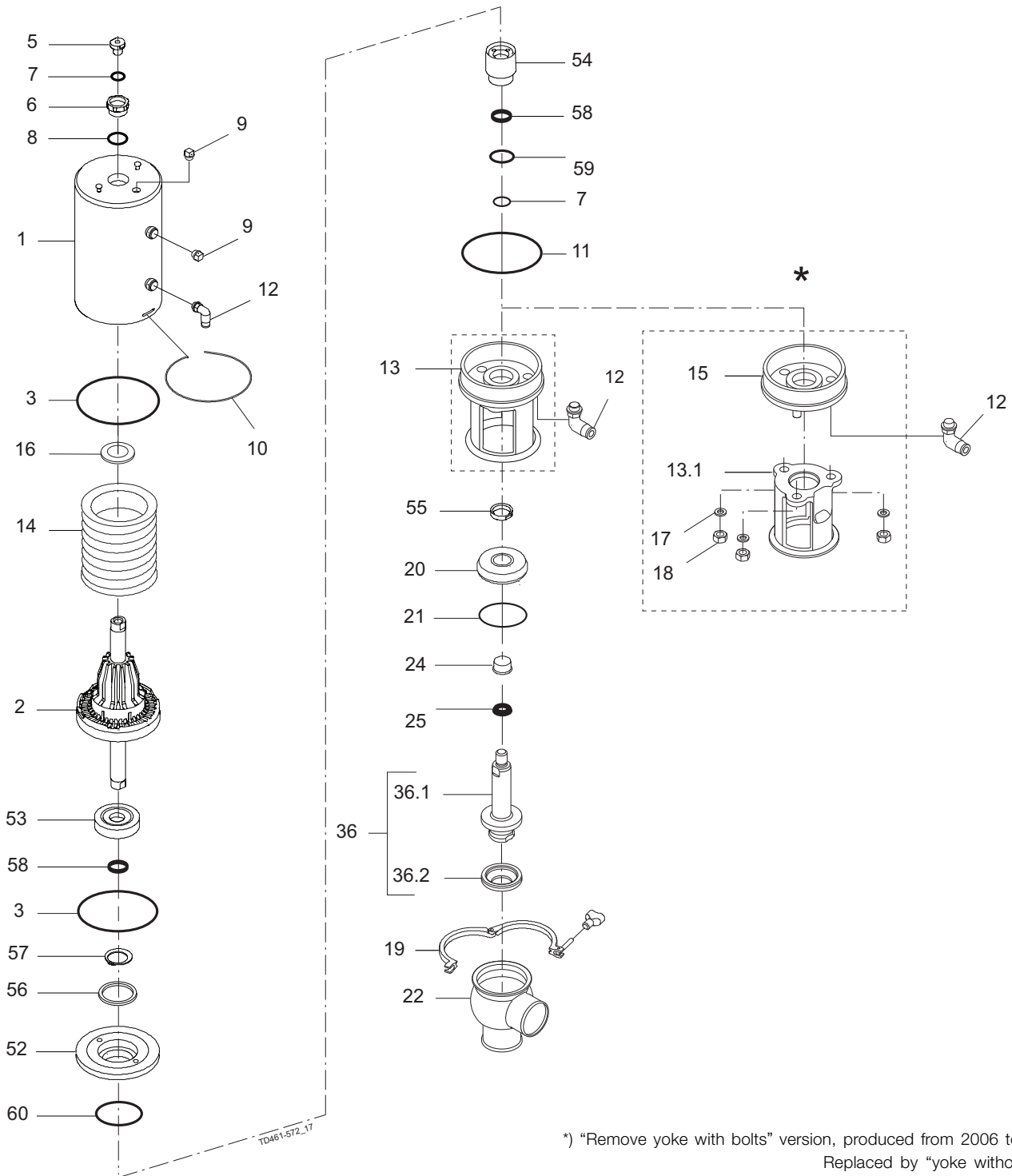


Do NOT attempt to cut the actuator open, due to spring under load danger!

AND



Do NOT attempt to cut the actuator open due to spring under load danger.



Pos	Qty	Denomination	1½"	2"	2½"	3"	4"
		Actuator, complete blasted (NC) Shut Off	9613185910	9613185911	9613185912	9613185913	9613185914
		Actuator, complete polished (NC) Shut Off	9613185901	9613185902	9613185903	9613185904	9613185905
1	1	Cylinder, (blasted)	9613167709	9613167709	9613167709	9613167710	9613167711
	1	Cylinder, (polished)	9613167711	9613167711	9613167711	9613167712	9613167712
2	1	Piston	9613132304	9613132304	9613132304	9613132405	9613132405
3	• 2	O-ring					
5	1	Adapter, plastic (- 0115)					
	1	Adapter, steel (0115 - 0518)					
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701
6	• 1	Bushing					
7	• 2	O-ring					
8	• 1	O-ring					
9	2	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
10	1	Lock wire	9613143202	9613143202	9613143202	9613143203	9613143203
11	• 1	O-ring					
12	2	Air fitting	9611994682	9611994682	9611994482	9611994682	9611994682
13	1	Yoke	9615245401	9613154402	9613154502	9613154603	9613154703
14	1	Spring assembly	9613132502	9613132502	9613132502	9613132503	9613132503
16	• 1	Support disc					
52	1	Piston	9613167801	9613167801	9613167801	9613167901	9613167901
53	1	Thrust plate	9613168201	9613168201	9613168201	9613168201	9613168201
54	1	Guide	9613168001	9613168001	9613168001	9613168101	9613168101
55	1	Nut	9613168301	9613168301	9613168301	9613168301	9613168301
56	2	Spacer, (only for shut-off valve)	9613168402				
	3	Spacer, (only for shut-off valve)		9613168402	9613168402	9613168402	9613168402
	1	Spacer, (only for shut-off valve)		9613168401	9613168401		
	2	Spacer, (only for shut-off valve)				9613168401	9613168401
	1	Spacer, (only for NO change-over valve)				9613168401	9613168401
57	1	Lock ring	51997509	51997509	51997509	51997509	51997509
58	2	Guide ring	9613008424	9613008424	9613008424	9613008424	9613008424
59	• 1	O-ring					
60	• 1	O-ring					

Removeable yoke with bolts - OBSOLETE

use position 13

13.1	1	Yoke , (- 0616)					
15	1	Bottom (- 0616)					
17	3	Washer (- 0616)					
18	3	Nut (- 0616)					

If the actuator is marked with a danger warning do NOT attempt to cut the actuator open.



Do NOT attempt to disassemble the actuator due to spring under load danger!

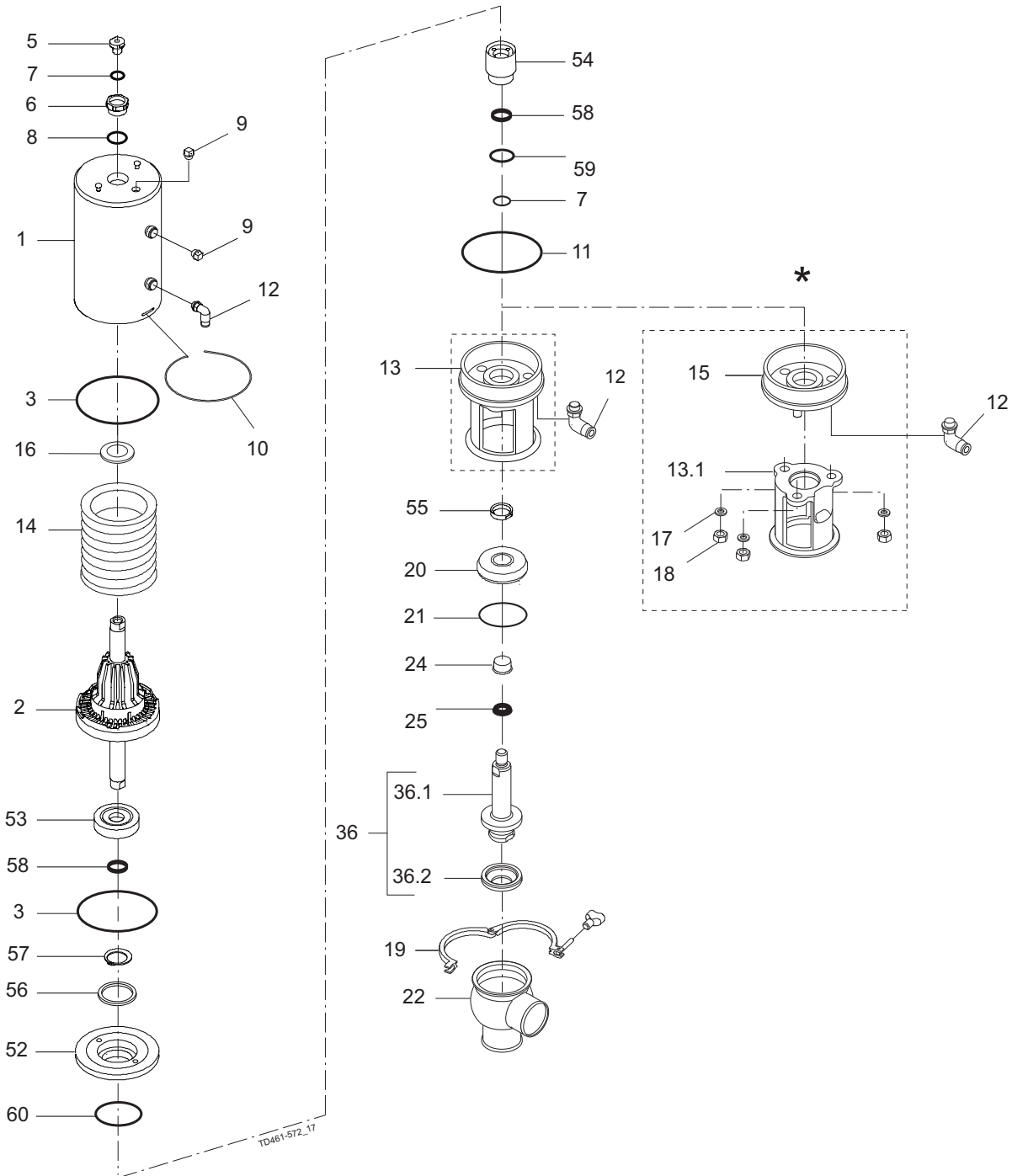


Do NOT attempt to cut the actuator open, due to spring under load danger!

AND



Do NOT attempt to cut the actuator open due to spring under load danger.



*) "Remove yoke with bolts" version, produced from 2006 to June 2016.
Replaced by "yoke without bolts" (13)

Pos	Qty	Denomination	1½"	2"	2½"	3"	4"
Clamp							
19	1	Clamp	9612939316	9612939317	9612939318	9612939319	9612939320
Bonnet							
20	1	Bonnet	9613127102	9613127103	9613127104	9613127105	9613127106
21	♦	O-ring, EPDM (standard)					
	1	O-ring, HNBR					
	1	O-ring, FPM					
		O-ring, , set (10 pcs.) EPDM	9614059422	9614059425	9614059428	9614059431	9614059434
		O-ring, , set (10 pcs.) HNBR	9614059423	9614059426	9614059429	9614059432	9614059435
		O-ring, , set (10 pcs.) FPM	9614059424	9614059427	9614059430	9614059433	9614059436
24	1	Bushing	9613125002	9613125002	9613125002	9613125002	9613125002
25	♦	Lip seal, , EPDM (standard)					
	1	Lip seal, , HNBR					
	1	Lip seal, , FPM					
	1	Lip seal, , set (10 pcs.) EPDM	9614059419	9614059419	9614059419	9614059419	9614059419
	1	Lip seal, , set (10 pcs.) HNBR	9614059420	9614059420	9614059420	9614059420	9614059420
	1	Lip seal, , set (10 pcs.) FPM	9614059421	9614059421	9614059421	9614059421	9614059421
Valve Body							
22	1	Valve body, , lower, 2 ports , clamp	9613161603	9613161605	9613161607	9613161609	9613161611
	1	Valve body, , lower, 3 ports, clamp	9613161604	9613161606	9613161608	9613161610	9613161612
	1	Valve body, , lower 2 ports , welding ends	9613139515	9613139517	9613139519	9613139521	9613139523
	1	Valve body, , lower 3 ports , welding ends	9613139516	9613139518	9613139520	9613139522	9613139524
Valve Plug							
36	1	Plug, shut off, complete	9613155802	9613155803	9613155804	9613155805	9613155806
36.1	1	Plug, shut off.	9613151101	9613151102	9613151103	9613151104	9613151105
36.2	♦	Plug seal, PTFE					
	1	Plug seal, , set (10 pcs.) PTFE	9614059449	9614059450	9614059451	9614059452	9614059453

Service kits for actuator

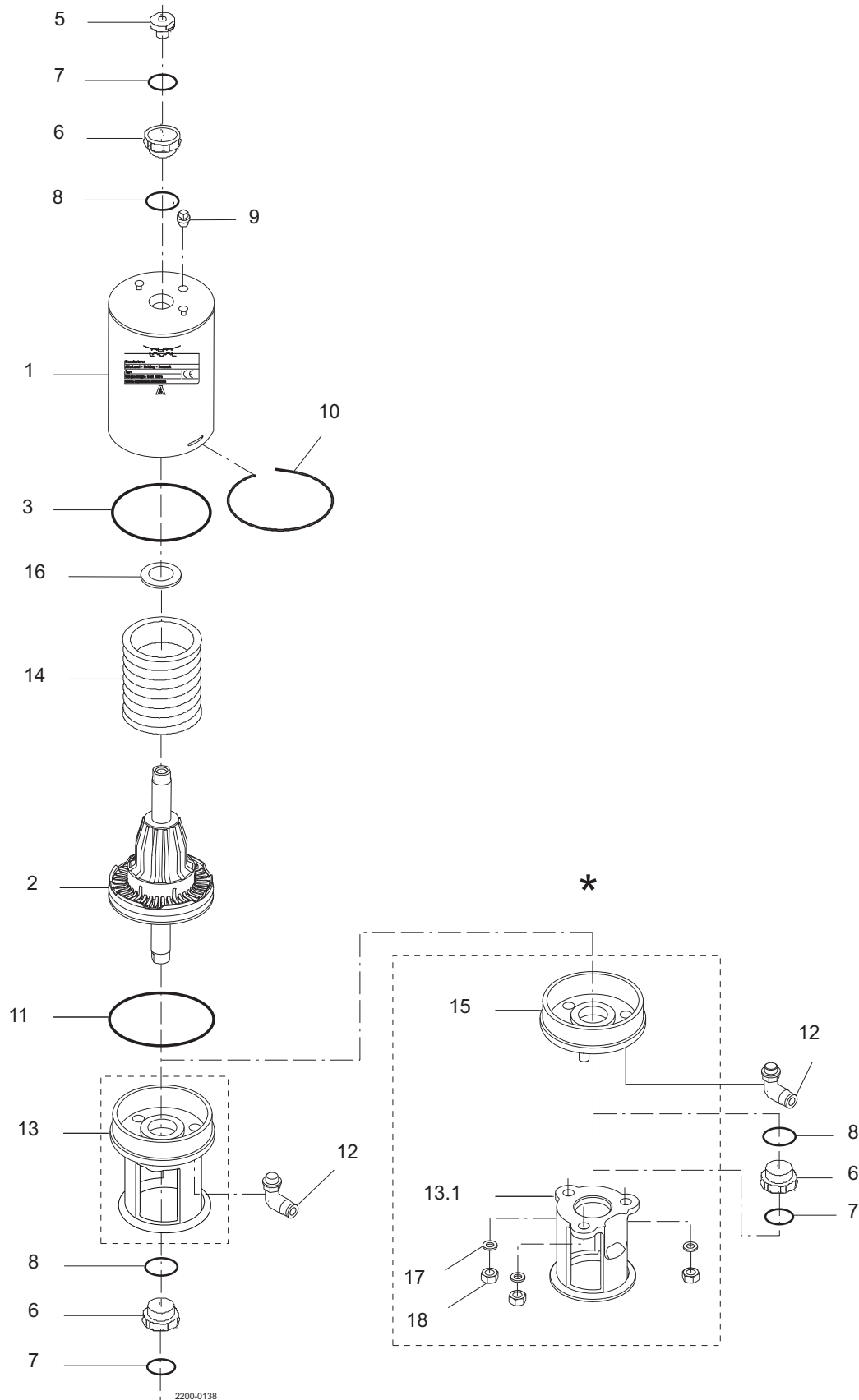
■	Service kit, actuator	9611926738	9611926738	9611926738	9611926739	9611926739
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Servicekits for product wetted parts

♦	Servicekits, EPDM	9611926561	9611926562	9611926563	9611926564	9611926565
♦	Servicekits, HNBR	9611926566	9611926567	9611926568	9611926569	9611926570
♦	Servicekits, FPM	9611926571	9611926572	9611926573	9611926574	9611926575

Parts marked with ♦♦ are included in the service kits (actuator)

Recommended spare parts: Service kits



*) "Removable yoke with bolts" version, produced from 2006-June 2016.
 Replaced by "yoke without bolts" (13)

Pos	Qty	Denomination	DN 25	DN 40	DN 50	DN 65	DN 80	DN 100
			25 mm	38 mm	51 mm	63.5 mm	76.1 mm	101.6 mm
		Actuator, complete, (NO)	9613185361	9613185361	9613185362	9613185363	9613185364	9613185365
		Actuator, complete, (NC)	9613185366	9613185366	9613185367	9613185368	9613185369	9613185370
1	1	Cylinder, (blasted)	9613142511	9613142511	9613142512	9613142512	9613142513	9613142513
		Cylinder, (polished)	9613142514	9613142514	9613142515	9613142515	9613142516	9613142516
2	1	Piston	9613132201	9613132201	9613132301	9613132301	9613132401	9613132401
3	□	O-ring						
5	1	Adapter, plastic (- 0115)						
		Adapter, steel (0115 -)	9614065301	9614065301	9614065301	9614065301	9614065301	9614065301
		Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701	9615374701
6	□	Bushing						
7	□	O-ring						
8	□	O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
10	1	Lock wire	9613143201	9613143201	9613143202	9613143202	9613143203	9613143203
11	□	O-ring						
12	1	Air fitting	9611991988	9611991988	9611991988	9611991988	9611991988	9611991988
13	1	Yoke	9613154301	9613154301	9613154402	9615245601	9613154603	9613154703
14	1	Spring assembly	9613132504	9613132504	9613132505	9613132505	9613132506	9613132506
16	□	Support disc						

Removeable yoke with bolts (obsolete) - use pos. 13

13.1	1	Yoke (-> 0616)						
15	1	Bottom (-> 0616)						
17	3	Washer (-> 0616)						
18	3	Nut (-> 0616)						

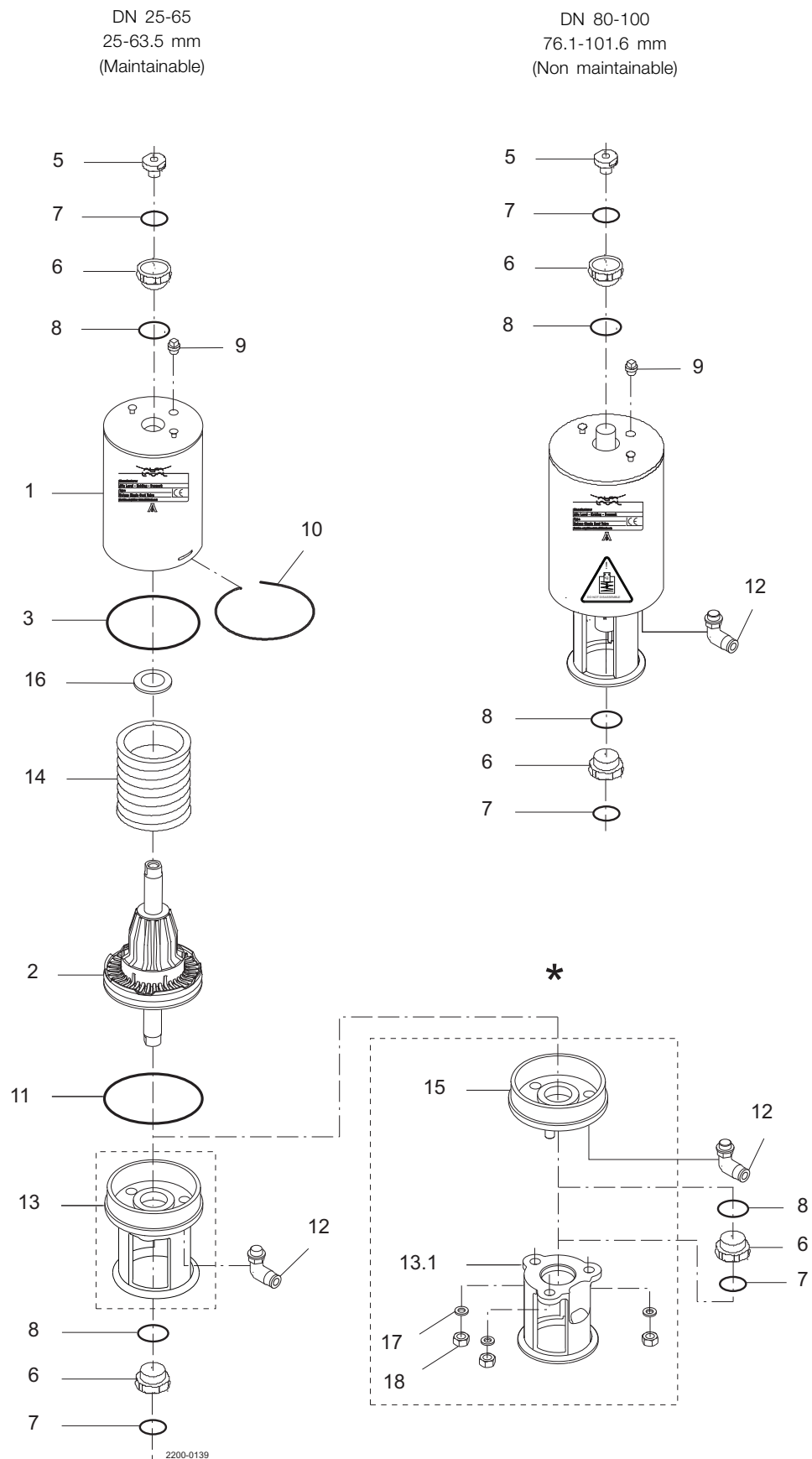
			DN 25	DN 40	DN 50	DN 65	DN 80	DN 100
			25 mm	38 mm	51 mm	63.5 mm	76.1 mm	101.6 mm

Service kits

□	Service kit, NO , NC	9611926497	9611926497	9611926498	9611926499	9611926499	9611926499
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Parts marked with □ are included in the service kits

Recommended spare parts: Service kits.



*) "Removable yoke with bolts" version, produced from 2006-June 2016.
Replaced by "yoke without bolts" (13)

Pos	Qty	Denomination	DN 25	DN 40	DN 50	DN 65	DN 80	DN 100
			25 mm (Maintainable)	38 mm (Maintainable)	51 mm (Maintainable)	63.5 mm (Maintainable)	76.1 mm (Non maintainable)	101.6 mm (Non maintainable)
		Actuator, complete (NO)	9613185501	9613185501	9613185502	9613185503	N/A	N/A
		Actuator, complete (NC)	9613185504	9613185504	9613185505	9613185506	9613154863	9613154861
		Actuator, complete (A/A)	9613185507	9613185507	9613185508	9613185509	N/A	N/A
1	1	Cylinder	9613142512	9613142512	9613142513	9613142513		
2	1	Piston	9613132301	9613132301	9613132401	9613132401		
3	□♦	O-ring						
5	1	Adapter, plastic (- 0115)						
	1	Adapter, steel (0115 -)	9614065301	9614065301	9614065301	9614065301	9614065301	9614065301
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701	9615374701
6	□♦○	Bushing						
7	□♦○	O-ring						
8	□♦○	O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
10	1	Lock wire	9613143202	9613143202	9613143203	9613143203		
11	□♦	O-ring						
12	1(2)	Air fitting (only 2 for A/A)	9611991988	9611991988	9611991988	9611991988	9611991988	9611991988
13	1	Yoke	9615245401	9615245401	9615245501	9615245601		
14	1	Spring assembly	9613132502	9613132502	9613132503	9613132503		
16	□♦	Support disc (only 2 for A/A)						

Removeable yoke with bolts (obsolete) - use position 13

13.1	1	Yoke (-> 0616)						
15	1	Bottom (-> 0616)						
17	3	Washer (-> 0616)						
18	3	Nut (->0616)						

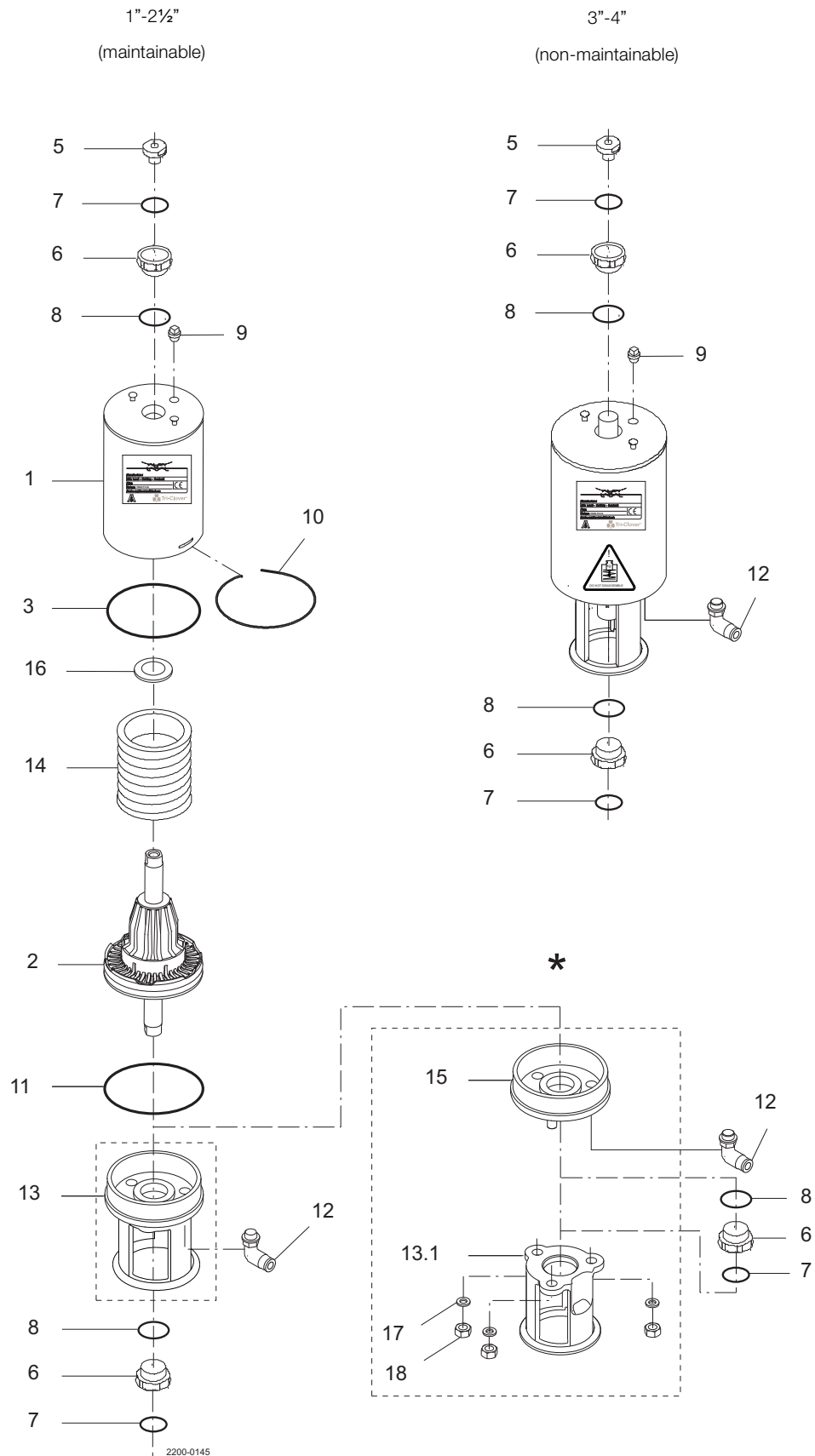
	DN 25	DN 40	DN 50	DN 65	DN 80	DN 100
					76.1 mm (Non maintainable)	101.6 mm (Non maintainable)
	25 mm	38 mm	51 mm	63.5 mm		

Service kits

□	Service kit, NO , NC	9611926498	9611926498	9611926499	9611926499		
♦	Service kit, A/A	9611926520	9611926520	9611926521	9611926521		
○	Service kit, NC					9611926500	9611926500

Parts marked with □♦○ are included in the service kits

Recommended spare parts: Service kits.



*) "Removable yoke with bolts" version, produced from 2006-June 2016.
Replaced by "yoke without bolts" (13)

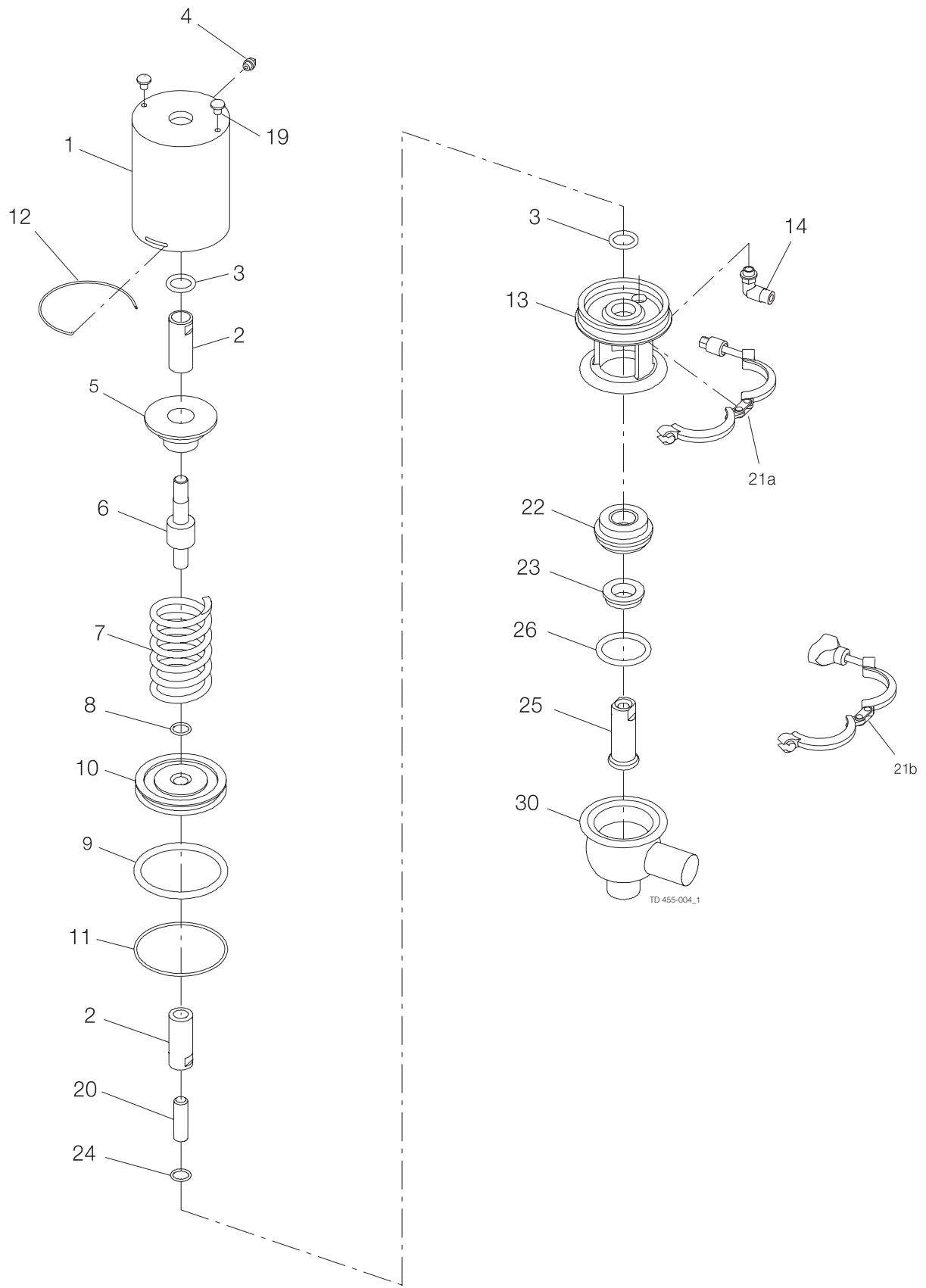
Pos	Qty	Denomination	1"	1½"	2"	2½"	3" (Non maintainable)	4" (Non maintainable)
		Actuator, complete (NO) . . .	9613185510	9613185510	9613185511	9613185512	N/A	N/A
		Actuator, complete (NC) . . .	9613185513	9613185513	9613185514	9613185515	9613163164	9613163162
		Actuator, complete (A/A) . . .	9613185507	9613185516	9613185517	9613185518	N/A	N/A
1	1	Cylinder, (blasted)	9613142518	9613142518	9613142519	9613142519		
	1	Cylinder, (polished)	9613142521	9613142521	9613142522	9613142522		
2	1	Piston	9613132301	9613132301	9613132401	9613132401		
3	□♦	O-ring	9611990033	9611990033	9611994283	9611994283		
5	1	Adapter, plastic (- 0115) . . .						
	1	Adapter, steel (0115 - 0518) . . .						
	1	Adapter, steel (0518 -)	9615374701	9615374701	9615374701	9615374701	9615374701	9615374701
6	□♦○	Bushing						
7	□♦○	O-ring						
8	□♦○	O-ring						
9	1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
10	1	Lock wire	9613143202	9613143202	9613143203	9613143203		
11	□♦	O-ring						
12	1(2)	Air fitting (only 2 for A/A) . . .	9611994682	9611994682	9611994682	9611994682	9611994682	9611994682
13	1	Yoke without bolts (0616 -) . . .	9615245401	9615245401	9615245501	9615245601		
14	1	Spring assembly	9613132502	9613132502	9613132503	9613132503		
16	□♦	Support disc (only 2 for A/A) . . .						
Removable yoke with bolts (obsolete) - use position 13								
13.1	1	Yoke (-> 0616)						
15	1	Bottom (-> 0616)						
17	3	Washer (-> 0616)						
18	3	Nut (-> 0616)						
			1"	1½"	2"	2½"	3" (Non maintainable)	4" (Non maintainable)

Service kits

□	Service kit, NO, NC	9611926498	9611926498	9611926499	9611926499		
♦	Service kit, A/A	9611926520	9611926520	9611926521	9611926521		
○	Service kit, NC					9611926500	9611926500

Recommended spare parts: Service kits.

Parts marked with □♦○ are included in the service kits.



Pos	Qty	Denomination	12.7 mm	19 mm
		Actuator, complete NC	9612940401	9612940402
		Piston/spring package, complete (pos. 2+5+6+7+8+10)	9612940424	9612940425
1	1	Cylinder	9612939602	9612939604
2	2	Middle piece		
		Please order a piston/spring package, cpl.		
3	□ 2	O-ring, NBR		
4	1	Plug		
5	1	Guide pin		
		Please order a piston/spring package, cpl.		
6	1	Piston rod		
		Please order a piston/spring package, cpl.		
7	1	Spring		
		Please order a piston/spring package, cpl.		
8	1	O-ring, NBR		
		Please order a piston/spring package, cpl.		
9	□ 1	O-ring, NBR		
10	1	Piston		
		Please order a piston/spring package, cpl.		
11	□ 1	O-ring, NBR		
12	1	Lock wire	9612939401	9612939401
13	1	Bonnet	9612939002	9612939002
14	1	Air fitting	9611991988	9611991988
19	2	Screw	9611994401	9611994401
20	1	Threaded pin	9611994282	9611994282
21a	1	Clamp with hexnut	9612939301	9612939301
21b	1	Clamp with wingnut	9612939308	9612939308
22	1	Sealing element	9612939101	9612939101
23	♦ 1	Lip seal, EPDM		
		Lip seal, HNBR		
		Lip seal, FPM		
24	♦ 1	O-ring, NBR		
25	♦ 1	Stop plug		
26	♦ 1	O-ring, EPDM		
		O-ring, HNBR		
		O-ring, FPM		
30	1	Lower valve body, with welding ends, 2 ports	9612934417	9612934517
		Lower valve body, with welding ends, 3 ports	9612934418	9612934518
		Lower valve body, with clamp ends, 2 ports	9612934433	9612934533
		Lower valve body, with clamp ends, 3 ports	9612934434	9612934534
			12.7 mm	19 mm

Service kit for actuator

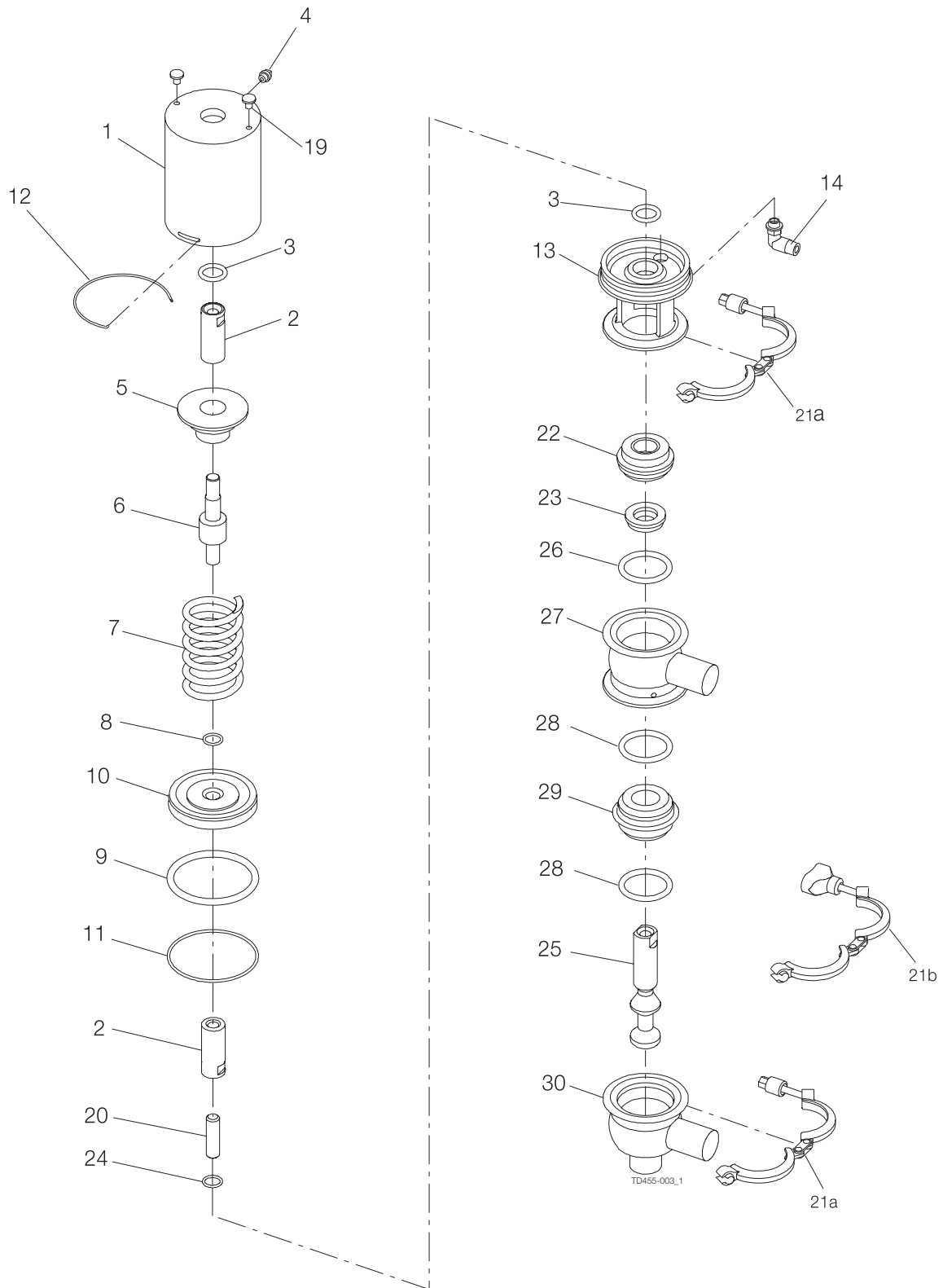
□	Service kit, NBR	9611926323	9611926323
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Service kits for product wetted parts, standard

♦	Service kits, EPDM	9611926319	9611926330
♦	Service kits, HNBR	9611926317	9611926328
♦	Service kits, FPM	9611926318	9611926329

Parts marked with □♦ are included in the service kit.

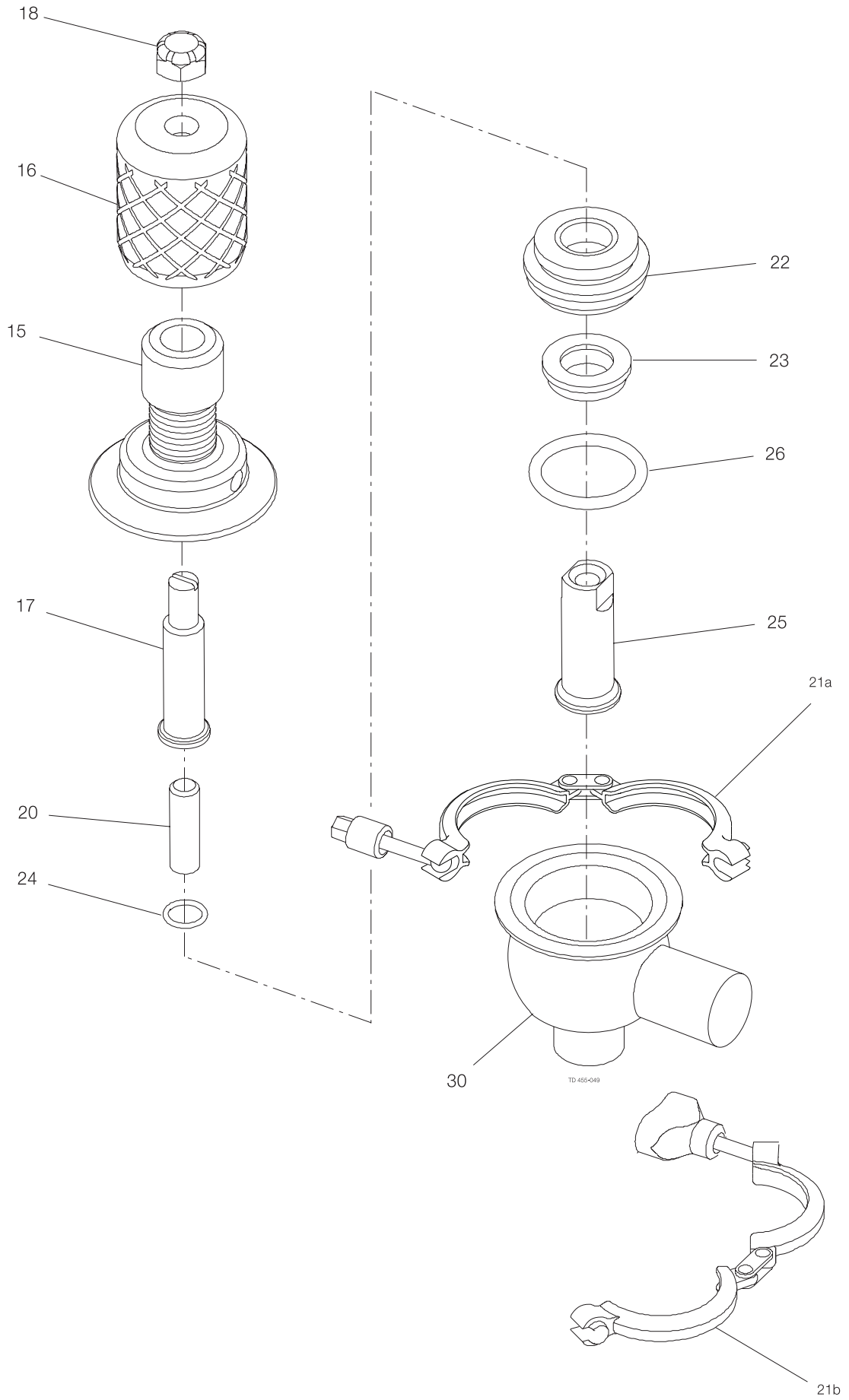
Recommended spare parts: service kits.



Pos	Qty	Denomination	12.7 mm	19 mm
		Actuator, complete NC	9612940401	9612940402
		Piston/spring package, complete (pos. 2+5+6+7+8+10)	9612940424	9612940425
1	1	Cylinder	9612939602	9612939604
2	2	Middle piece		
		Please order a piston/spring package, cpl.		
3	□	O-ring, NBR		
4	1	Plug		
5	1	Guide pin		
		Please order a piston/spring package, cpl.		
6	1	Piston rod		
		Please order a piston/spring package, cpl.		
7	1	Spring		
		Please order a piston/spring package, cpl.		
8	1	O-ring, NBR		
		Please order a piston/spring package, cpl.		
9	□	O-ring, NBR		
10	1	Piston		
		Please order a piston/spring package, cpl.		
11	□	O-ring, NBR		
12	1	Lock wire	9612939401	9612939401
13	1	Bonnet	9612939002	9612939002
14	1	Air fitting	9611991988	9611991988
19	2	Screw	9611994401	9611994401
20	1	Threaded pin	9611994282	9611994282
21a	2	Clamp with hexnut	9612939301	9612939301
21b	2	Clamp with wingnut	9612939308	9612939308
22	1	Sealing element	9612939101	9612939101
23	♦	Lip seal, EPDM		
		Lip seal, HNBR		
		Lip seal, FPM		
24	♦	O-ring, NBR		
25	♦	Change-over plug		
26	♦	O-ring, EPDM		
		O-ring, HNBR		
		O-ring, FPM		
27	1	Upper valve body, with welding ends, 1 ports	9612934717	9612934817
	1	Upper valve body, with welding ends, 2 ports	9612934718	9612934818
	1	Upper valve body, with clamp ends, 1 ports	9612934733	9612934833
	1	Upper valve body, with clamp ends, 2 ports	9612934734	9612934834
28	♦	O-ring, EPDM		
	2	O-ring, HNBR		
	2	O-ring, FPM		
29	1	Valve seat	9612939201	9612939201
30	1	Lower valve body, with welding ends, 2 ports	9612934417	9612934517
	1	Lower valve body, with welding ends, 3 ports	9612934418	9612934518
	1	Lower valve body, with clamp ends, 2 ports	9612934433	9612934533
	1	Lower valve body, with clamp ends, 3 ports	9612934434	9612934534
			12.7 mm	19 mm
Service kits for actuator				
□		Service kit, NBR	9611926323	9611926323
Service kits for product wetted parts, standard				
♦		Service kits, EPDM	9611926322	9611926333
♦		Service kits, HNBR	9611926320	9611926331
♦		Service kits, FPM	9611926321	9611926332

Parts marked with □♦ are included in the service kit.

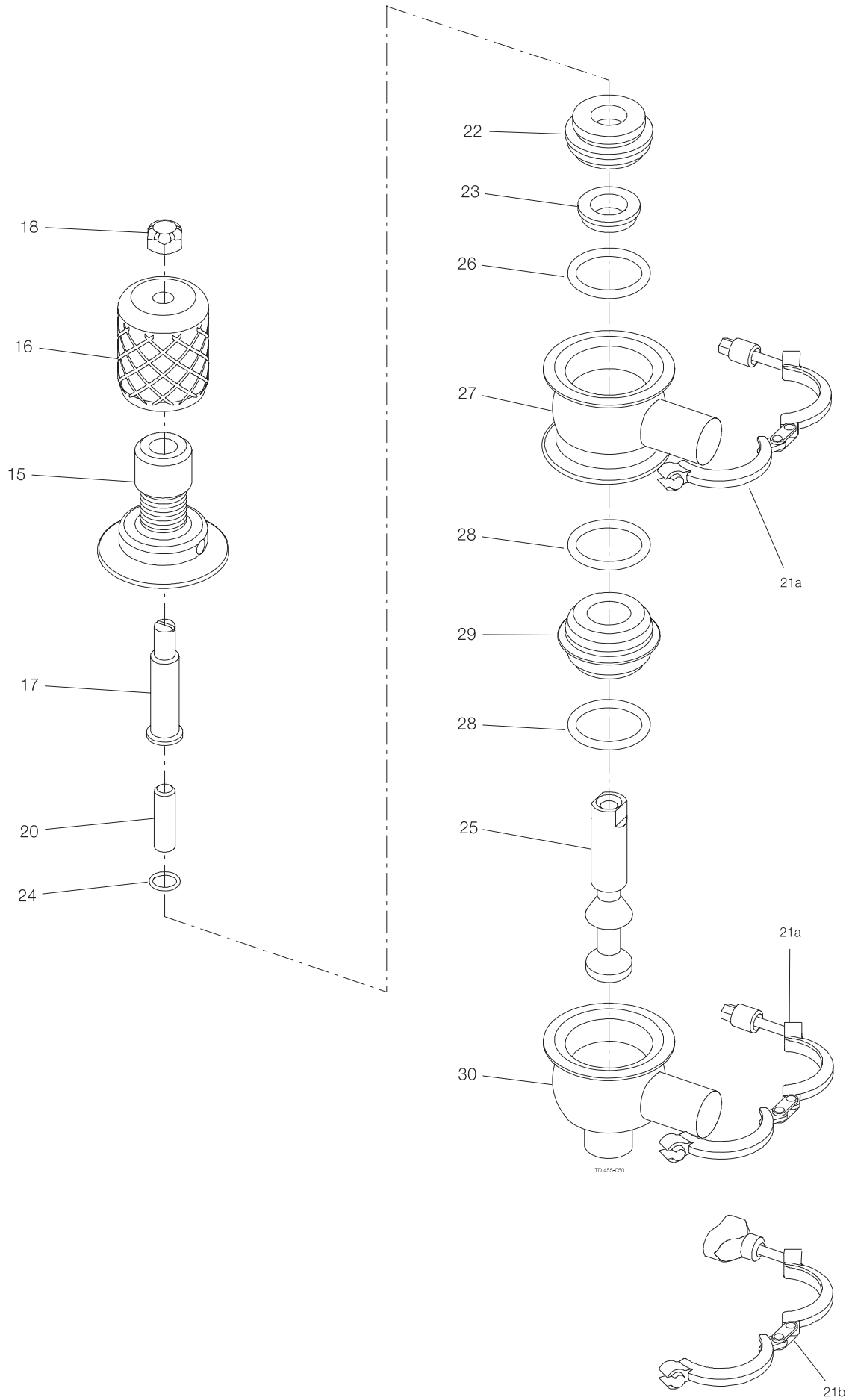
Recommended spare parts: service kits.



Pos	Qty	Denomination	12.7 mm	19 mm
		Manual handle, cpl.	9612940408	9612940408
15	1	Manual bonnet	9612944102	9612944102
16	1	Handle	9612943901	9612943901
17	1	Stem extension	9612944001	9612944001
18	1	Lock nut	9611993808	9611993808
20	1	Threaded pin	9611994282	9611994282
21a	1	Clamp with hexnut	9612939301	9612939301
21b	1	Clamp with wingnut	9612939308	9612939308
22	1	Sealing element	9612939101	9612939101
23	♦	Lip seal, EPDM		
	1	Lip seal, HNBR		
	1	Lip seal, FPM		
24	♦	O-ring, NBR		
25	♦	Stop plug		
26	♦	O-ring, EPDM		
	1	O-ring, HNBR		
	1	O-ring, FPM		
30	1	Lower valve body, with welding ends, 2 ports	9612934417	9612934517
	1	Lower valve body, with welding ends, 3 ports	9612934418	9612934518
	1	Lower valve body, with clamp ends, 2 ports	9612934433	9612934533
	1	Lower valve body, with clamp ends, 3 ports	9612934434	9612934534
			12.7 mm	19 mm
Service kits for actuator				
□		Service kit, NBR	9611926323	9611926323
Service kits for product wetted parts, standard				
♦		Service kits, EPDM	9611926319	9611926330
♦		Service kits, HNBR	9611926317	9611926328
♦		Service kits, FPM	9611926318	9611926329

Parts marked with ♦ are included in the service kit.

Recommended spare parts: service kits.



Pos	Qty	Denomination	12.7 mm	19 mm
		Manual handle, cpl.	9612940408	9612940408
15	1	Manual bonnet	9612944102	9612944102
16	1	Handle	9612943901	9612943901
17	1	Stem extension	9612944001	9612944001
18	1	Lock nut	9611993808	9611993808
20	1	Threaded pin	9611994282	9611994282
21a	2	Clamp with hexnut	9612939301	9612939301
21b	2	Clamp with wingnut	9612939308	9612939308
22	1	Sealing element	9612939101	9612939101
23	♦	1 Lip seal, EPDM		
		1 Lip seal, HNBR		
		1 Lip seal, FPM		
24	♦	1 O-ring, NBR		
25	♦	1 Change-over plug		
26	♦	1 O-ring, EPDM		
		1 O-ring, HNBR		
		1 O-ring, FPM		
27	1	Upper valve body, with welding ends, 1 ports	9612934717	9612934817
	1	Upper valve body, with welding ends, 2 ports	9612934718	9612934818
	1	Upper valve body, with clamp ends, 1 ports	9612934733	9612934833
	1	Upper valve body, with clamp ends, 2 ports	9612934734	9612934834
28	♦	2 O-ring, EPDM		
		2 O-ring, HNBR		
		2 O-ring, FPM		
29	1	Valve seat	9612939201	9612939201
30	1	Lower valve body, with welding ends, 2 ports	9612934417	9612934517
	1	Lower valve body, with welding ends, 3 ports	9612934418	9612934518
	1	Lower valve body, with clamp ends, 2 ports	9612934433	9612934533
	1	Lower valve body, with clamp ends, 3 ports	9612934434	9612934534
			12.7 mm	19 mm

Service kits for actuator

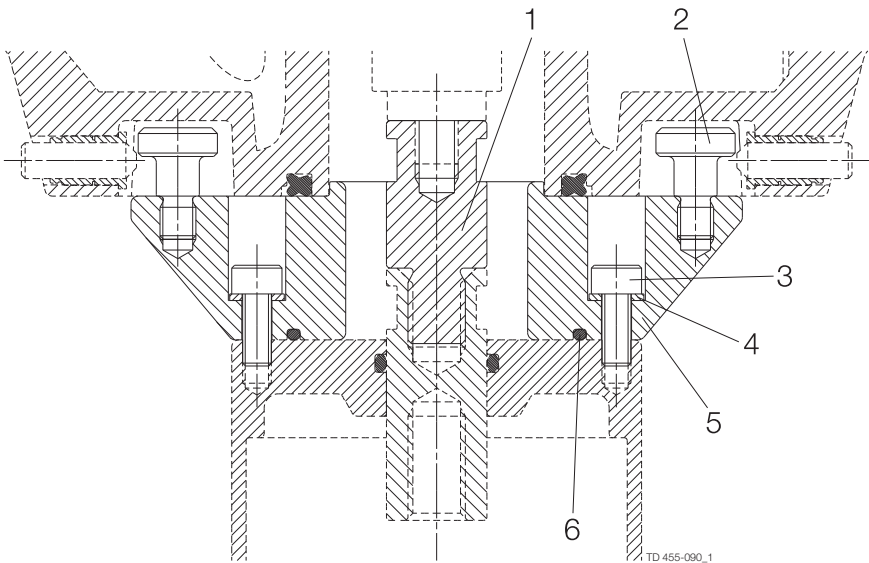
□	Service kit, NBR	9611926323	9611926323
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Service kits for product wetted parts, standard

♦	Service kits, EPDM	9611926322	9611926333
♦	Service kits, HNBR	9611926320	9611926331
♦	Service kits, FPM	9611926321	9611926332

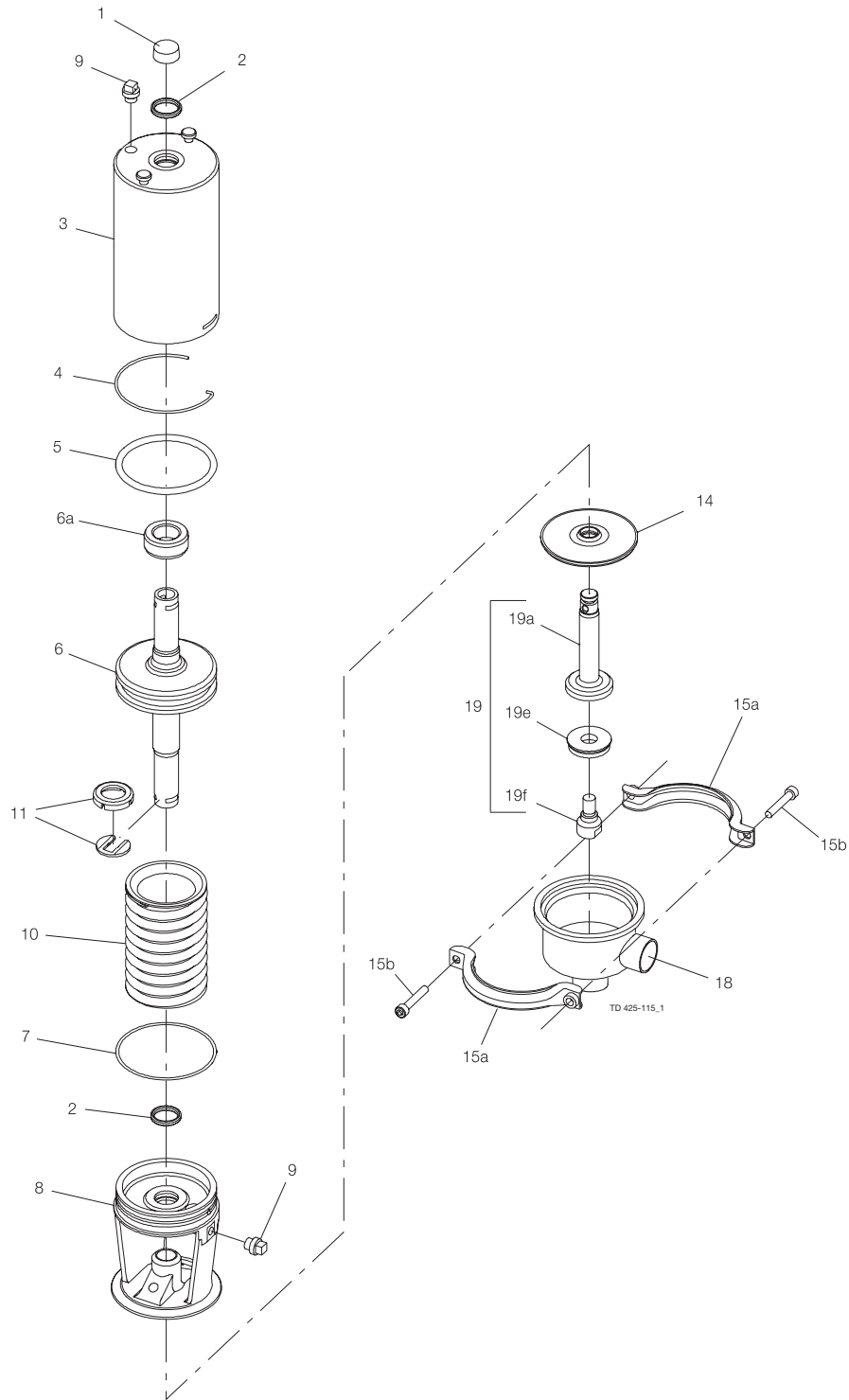
Parts marked with ♦ are included in the service kit.

Recommended spare parts: service kits.

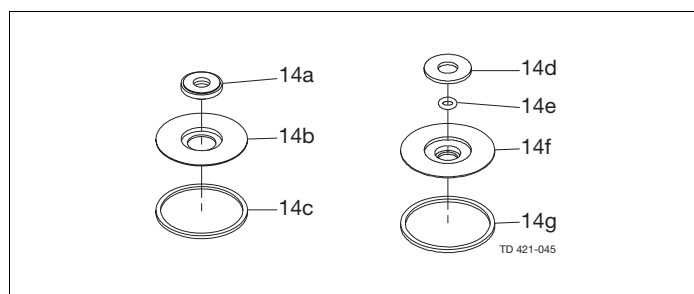


Adapter for ThinkTop, cpl.

Pos	Qty	Denomination	9612947601
1	1	Extension	9612947801
2	2	Pin	9612947501
3	2	Screw	9611994403
4	2	Washer	9611994404
5	1	Adapter	9612947301
6	1	O-ring	9611994402



Alternative stem seal



Special lip seal

Parts for FEP lip seal

Actuator

Pos	Qty	Denomination	DN 25 25 mm
		Actuator, -1, complete	9612608725
		Actuator, -2, complete	9612608726
		Actuator, -3, complete	9612608727
1	1	Cap	3180105256
2	□	O-ring	22340625
3	1	Cylinder	3135301391
4	□	Lock Wire	3135301511
5	□	O-ring	22340174
6	1	Piston, -1, -2	3135306211
	1	Piston, -3	3135306212
6a	1	Stop ring	9612602101
7	□	O-ring	9611990396
8	1	Bonnet	3135301331
9*	2	Plug	
10*	1	Spring assembly (black)	3135306251
11	□	Clip, complete	3135307931

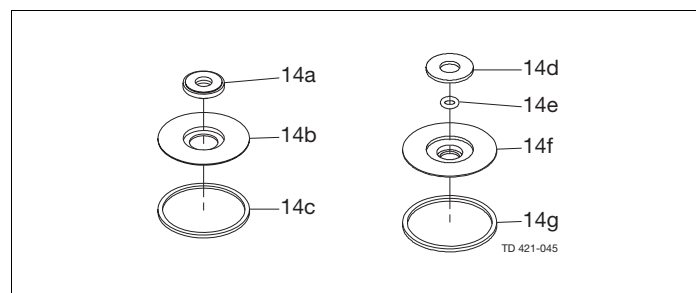
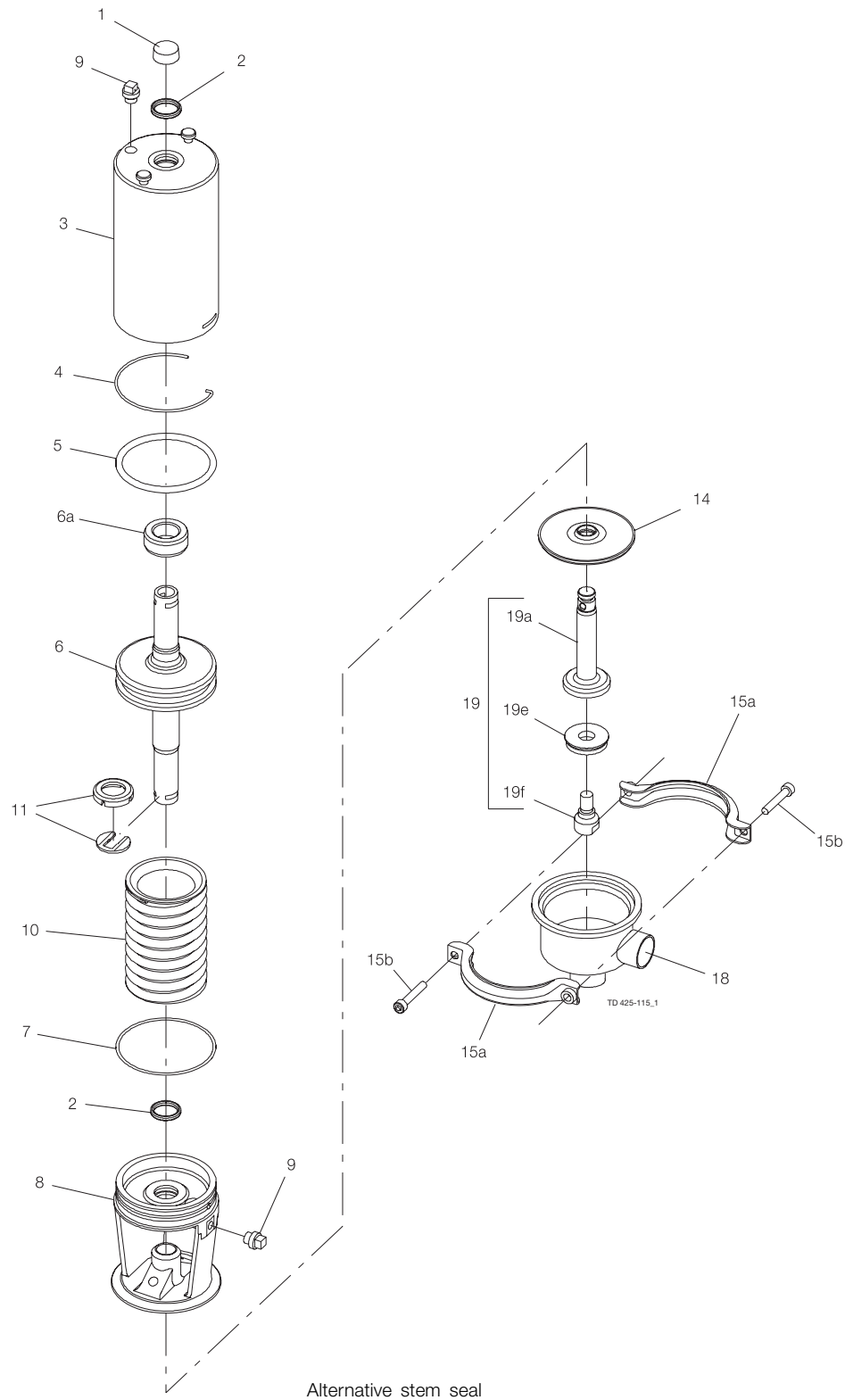
* Only for actuator -1 and -2.

Valve Body Part

Pos	Qty	Denomination	DN25 25 mm
Stem seal			
14	♦	1 Lip seal, EPDM (standard)	3135301551
		1 Lip seal, HNBR	3135301554
		1 Lip seal, FPM	3135301553
Clamp			
15a+b	1	Clamps and screws	3132000273
Valve body			
18	1	Valve body, 2 ports ISO	9612598709
	1	Valve body, 2 ports DIN	
	1	Valve body, 3 ports ISO	9612598710
	1	Valve body, 3 ports DIN	
Valve plug			
19	1	Plug, single, complete EPDM (standard)	9612599810
	1	Plug, single, complete NBR	9612599811
	1	Plug, single, complete FPM	9612599812
19a	1	Stem	9612599503
19e	♦○	1 Plug seal, EPDM (standard)	9612599601
		1 Plug seal, NBR	9612599602
		1 Plug seal, FPM	9612599603
		1 Plug seal, PTFE	9612627901
19f	1	Screw	9612599703

Alternatives

Pos	Qty	Denomination	DN25 25 mm
Stem seal			
14	1	Lip seal kit, EPDM (standard)	9611920078
	1	Lip seal kit, NBR	9611920079
	1	Lip seal kit, FPM	9611920080
14a	○	1 Lip seal, EPDM	9612280601
	1	Lip seal, NBR	9612280602
	1	Lip seal, FPM	9612280603
14b	1	Plate	9612280503
14c	○	1 Seal ring, EPDM	3135301281
	1	Seal ring, NBR	3135301282
	1	Seal ring, FPM	3135301283
Stem seal			
14d	1	Washer	3135304521
14e	○	1 O-ring FEP/Silicone	9611992909
14f	1	Holder	3135304531
14g	○	1 Seal ring, PTFE	3135304511



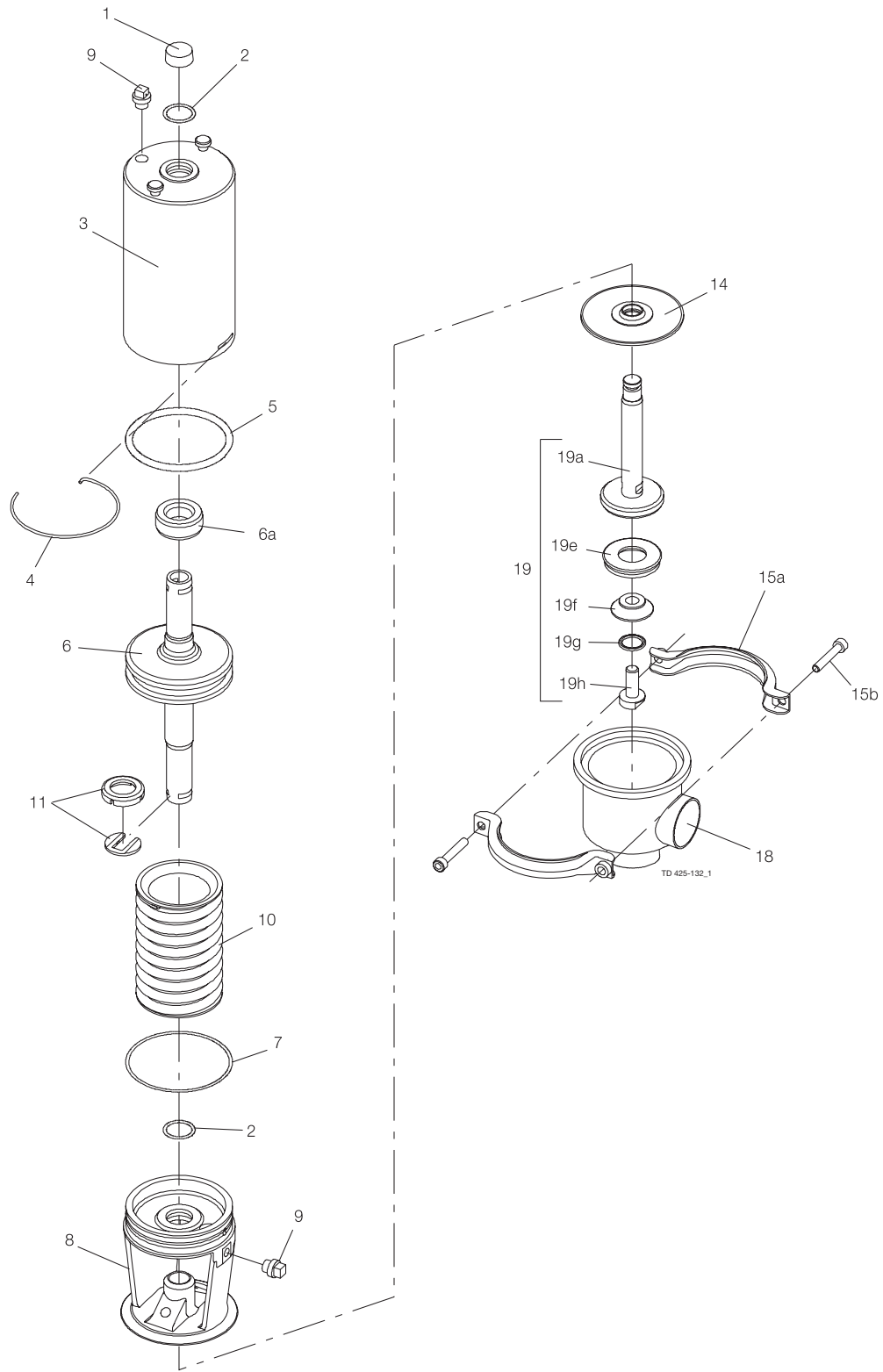
Special lip seal

Parts for FEP lip seal

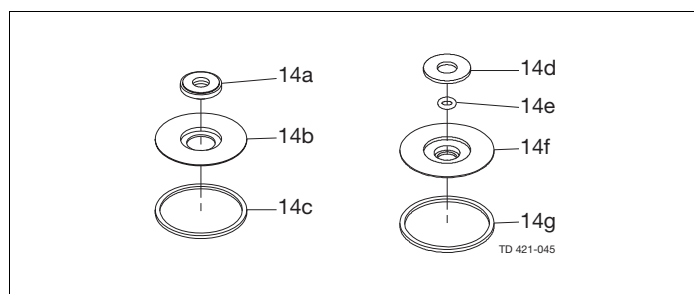
	DN25 25 mm
Service kit for actuator	
□ Service kit	9611920008
Service kit for product wetted parts, standard	
◆ Service kit EPDM	9611920535
◆ Service kit NBR	9611920536
◆ Service kit FPM	9611920537
Service kit for special lip seal	
○ Service kit EPDM	9611920538
○ Service kit NBR	9611920539
○ Service kit FPM	9611920540
○ Service kit FEP	9611920541

Parts marked with □◆○ are included in the service kits

Recommended spare parts: Service kits.



Alternative stem seal

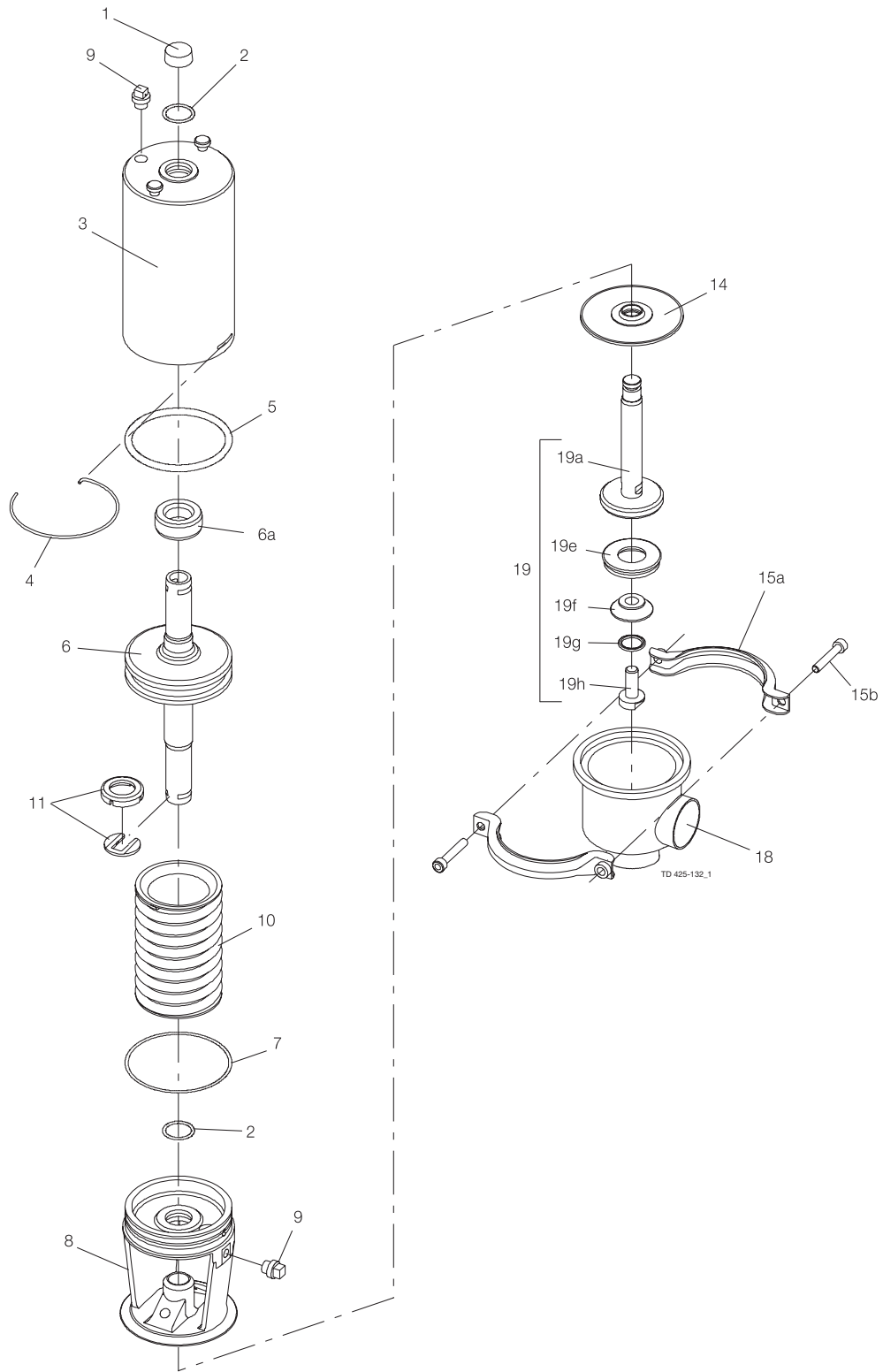


Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
		Actuator, -1, complete	9613854001	9613854001	9613854001	9613854101	9613854101	9613854101
		Actuator, -2, complete	9613854002	9613854002	9613854002	9613854102	9613854102	9613854102
		Actuator, -3, complete	9613854003	9613854003	9613854003	9613854103	9613854103	9613854103
1	1	Cap	3180105256	3180105256	3180105256	3180105255	3180105255	3180105255
2	□ 2	O-ring	22340625	22340625	22340625	22340649	22340649	22340649
3	1	Cylinder	3135301391	3135301391	3135301391	3135301851	3135301851	3135301851
4	□ 1	Lock Wire	3135301511	3135301511	3135301511	3135301891	3135301891	3135301891
5	□ 1	O-ring	22340174	22340174	22340174	22340175	22340175	22340175
6	1	Piston, -1, -2	3135306211	3135306211	3135306211	3135306191	3135306191	3135306191
	1	Piston, -3	3135306212	3135306212	3135306212			
6a	1	Stop ring (only for actuator-3) . .	3135312172	3135312172	3135312172			
7	□ 1	O-ring	9611990396	9611990396	9611990396	22340617	22340617	22340617
8	1	Bonnet	3135301331	3135301331	3135301331	3135301901	3135301901	3135301901
9*	2	Plug						
10*	1	Spring assembly standard (black)	3135306251	3135306251	3135306251	3135306221	3135306221	3135306221
	1	Spring assembly with extra strong spring (white)	3135306252	3135306252	3135306252	3135306222	3135306222	3135306222
11	□ 1	Clip, complete, (period 84.08-) . .	3135307931	3135307931	3135307931	3135307932	3135307932	3135307932

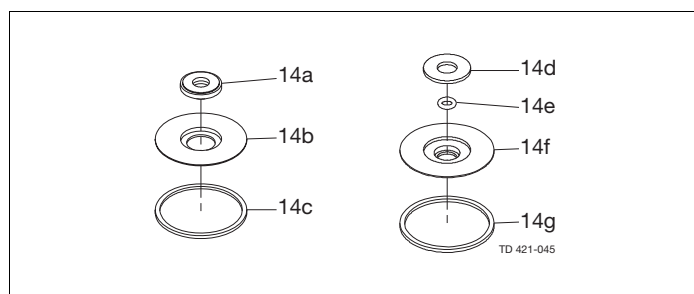
* Only for actuator -1 and -2.

Valve body part

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
Stem seal								
14	♦ 1	Lip seal, EPDM	3135301551	3135301551	3135301551	3135301881	3135301881	3135301881
	1	Lip seal, NBR	3135301552	3135301552	3135301552	3135301882	3135301882	3135301882
	1	Lip seal, FPM	3135301553	3135301553	3135301553	3135301883	3135301883	3135301883
Clamp								
15a+b	1	Clamps & screws, (Period 9209-)	3132000273	3132000273	3132000273	3132000272	3132000272	3132000272
Valve body								
18	1	Valve body, 2 ports ISO	3135303757	3135303767	3135303807	3135303817		3135300267
	1	Valve body, 2 ports DIN						9612094401
	1	Valve body, 3 ports ISO	3135303758	3135303768	3135303808	3135303818		3135300268
	1	Valve body, 3 ports DIN						9612094402
Valve plug								
19	1	Plug, single, comp. EPDM (std) . .	3135303307	3135303317	3135303327	9612629710	9612629713	3135303347
	1	Plug, single, comp. NBR	3135303308	3135303317	3135303327	9612629711	9612629714	3135303348
	1	Plug, single, comp. FPM	3135303309	3135303319	3135303329	9612629712	9612629715	3135303349
19a	1	Stem	3135303403	3135303773	3135303783	3135303415	3135303416	3135303793
19e	♦○ 1	Plug seal, EPDM (std)	3135303201	3135303211	3135303221	3135303241	9612095001	3135303251
	1	Plug seal, NBR	3135303202	3135303212	3135303222	3135303242	9612095002	3135303252
	1	Plug seal, FPM	3135303203	3135303213	3135303223	3135303243	9612095003	3135303253
	1	Plug seal, PTFE	3135312111	3135312121	3135312131	3135312141	3135312251	3135312151
19f	1	Washer	3135303572	3135303582	3135303592	3135303603	3135303604	3135303612
19g	♦○ 1	O-ring, EPDM (std)	99003401	99003401	99003401	99003401	99003401	99003401
	1	O-ring, NBR	22340421	22340421	22340421	22340421	22340421	22340421
	1	O-ring, FPM	22340435	22340435	22340435	22340435	22340435	22340435
	1	O-ring, PTFE	9612433001	9612433001	9612433001	9612433001	9612433001	9612433001
19h	1	Screw	3135303621	3135303621	3135303621	3135303621	3135303621	3135303621



Alternative stem seal



Alternatives

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm		DN 80	101.6 mm
Stem seal								
14	1	Lip seal kit, EPDM (std)	9611920078	9611920078	9611920078	9611920142	9611920142	9611920142
	1	Lip seal kit, NBR	9611920079	9611920079	9611920079	9611920143	9611920143	9611920143
	1	Lip seal kit, FPM	9611920080	9611920080	9611920080	9611920144	9611920144	9611920144
14a ○	1	Lip seal, EPDM	9612280601	9612280601	9612280601	9612308801	9612308801	9612308801
	1	Lip seal, NBR	9612280602	9612280602	9612280602	9612308802	9612308802	9612308802
	1	Lip seal, FPM	9612280603	9612280603	9612280603	9612308803	9612308803	9612308803
14b	1	Plate	9612280503	9612280503	9612280503	9612308703	9612308703	9612308703
14c ○	1	Seal ring, EPDM	3135301281	3135301281	3135301281	3135302051	3135302051	3135302051
	1	Seal ring, NBR	3135301282	3135301282	3135301282	3135302052	3135302052	3135302052
	1	Seal ring, FPM	3135301283	3135301283	3135301283	3135302053	3135302053	3135302053
Stem seal								
14d	1	Washer	3135304521	3135304521	3135304521	3135304522	3135304522	3135304522
14e ○	1	O-ring FEP/Silicone	9611992909	9611992909	9611992909	9611992910	9611992910	9611992910
14f	1	Holder	3135304531	3135304531	3135304531	3135304541	3135304541	3135304541
14g ○	1	Seal ring, PTFE	3135304511	3135304511	3135304511	3135304512	3135304512	3135304512
			DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm		DN 80	101.6 mm

Service kit for actuator

□	Service kit	9611920008	9611920008	9611920008	9611920009	9611920009	9611920009
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Service kit for product wetted parts, standard

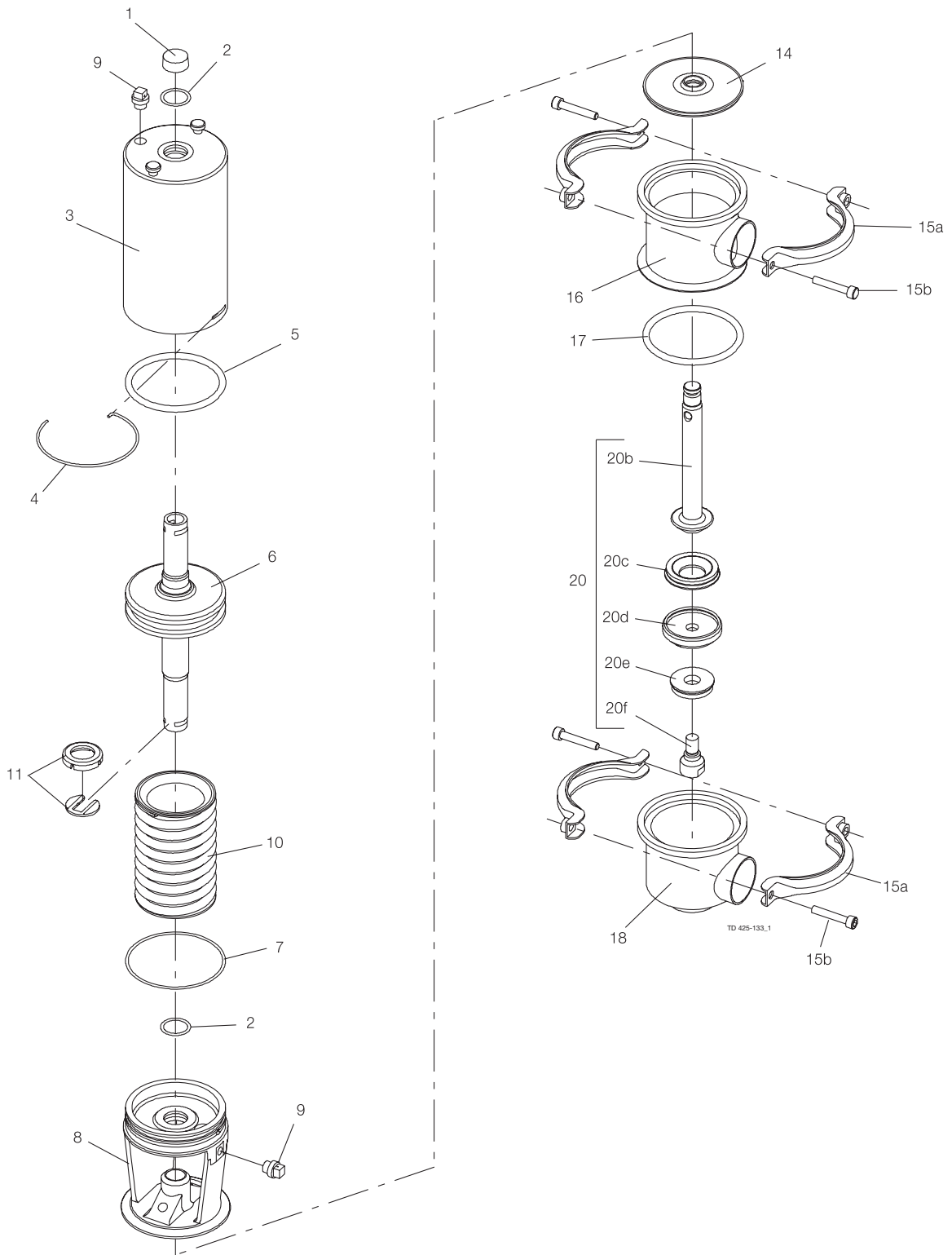
♦	Service kit EPDM	9611920010	9611920013	9611920016	9611920019	9611920105	9611920022
♦	Service kit NBR	9611920011	9611920014	9611920017	9611920020	9611920106	9611920023
♦	Service kit FPM	9611920012	9611920015	9611920018	9611920021	9611920107	9611920024

Service kit for special lip seal

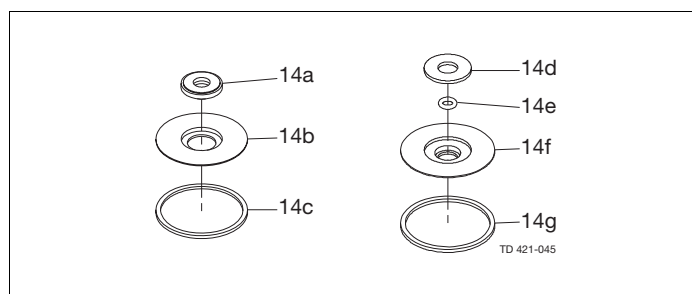
○	Service kit EPDM	9611920447	9611920451	9611920455	9611920459	9611920463	9611920467
○	Service kit NBR	9611920448	9611920452	9611920456	9611920460	9611920464	9611920468
○	Service kit FPM	9611920449	9611920453	9611920457	9611920461	9611920465	9611920469
○	Service kit FEP	9611920450	9611920454	9611920458	9611920462	9611920466	9611920470

Parts marked with □♦○ are included in the service kits

Recommended spare parts: Service kits.



Alternative stem seal

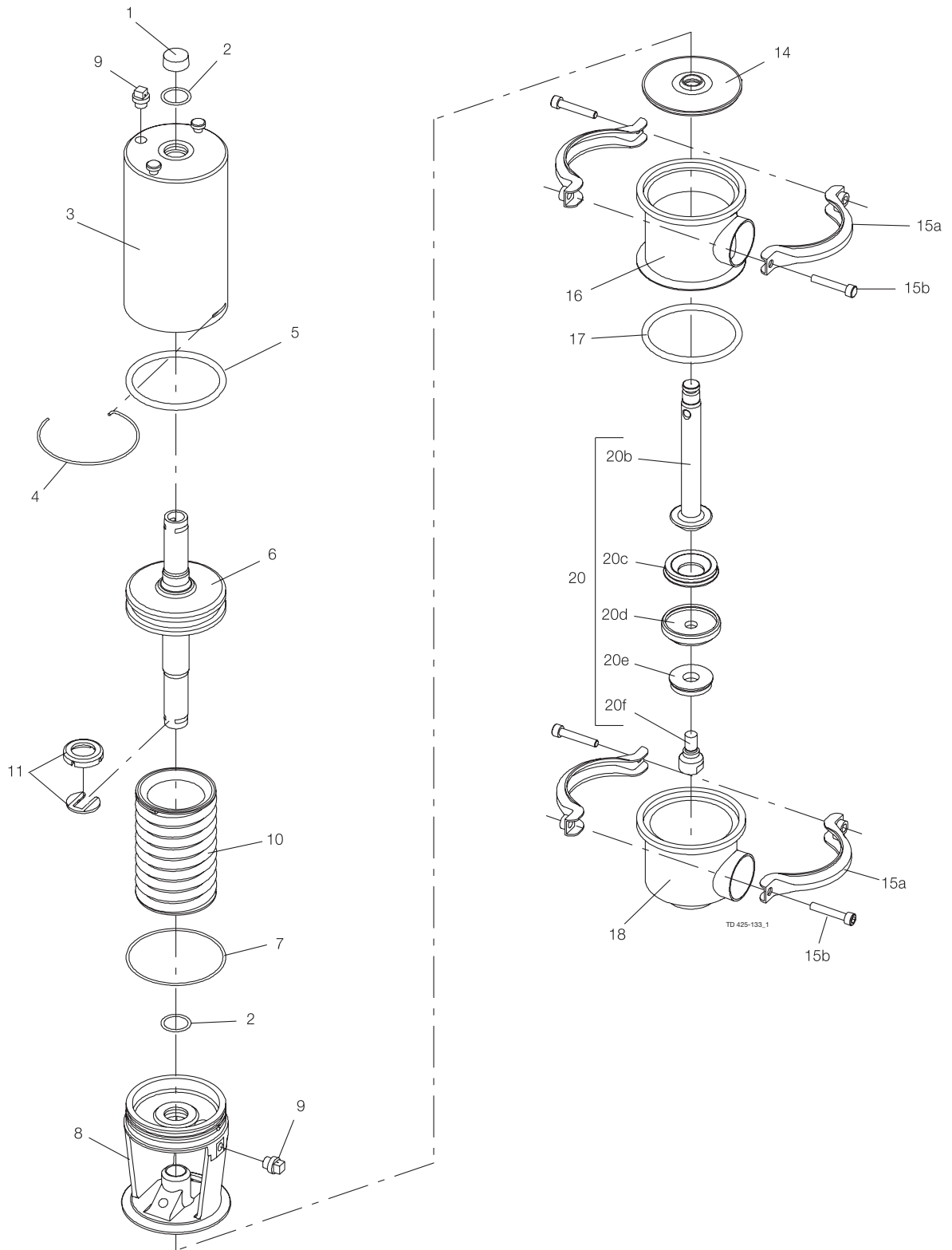


Pos	Qty	Denomination	DN 25 25 mm
		Actuator, -1, complete	9613854001
		Actuator, -2, complete	9613854002
		Actuator, -3, complete	9613854003
1	1	Cap	3180105256
2	□ 2	O-ring	22340625
3	1	Cylinder	3135301391
4	□ 1	Lock Wire	3135301511
5	□ 1	O-ring	22340174
6	1	Piston, -1, -2	3135306211
	1	Piston, -3	3135306212
7	□ 1	O-ring	9611990396
8	1	Bonnet	3135301331
9*	2	Plug	
10*	1	Spring assembly, standard (black)	3135306251
11	□ 1	Clip, complete	3135307931

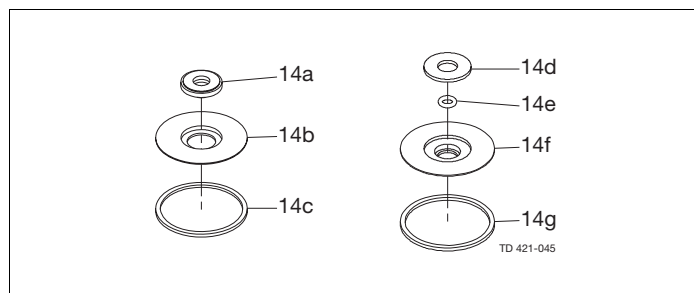
* Only for actuator -1 and -2.

Valve body part

Pos	Qty	Denomination	DN 25 25 mm
Stem seal			
14	♦ 1	Lip seal, EPDM (standard)	3135301551
	1	Lip seal, HNBR	3135301554
	1	Lip seal, FPM	3135301553
Clamp			
15a+b	2	Clamps and screws (Period 9209-)	3132000273
Valve body			
16	1	Valve body, upper, 1 port ISO	9612599109
	1	Valve body, upper, 1 port DIN	
	1	Valve body, upper, 2 ports ISO	9612599110
	1	Valve body, upper, 2 ports DIN	
17	♦○ 1	Seal ring, EPDM (standard)	3135301281
	1	Seal ring, NBR	3135301282
	1	Seal ring, FPM	3135301283
	1	Seal ring, PTFE	3135304511
18	1	Valve body, lower, 2 ports ISO	9612598709
	1	Valve body, lower, 2 ports DIN	
	1	Valve body, lower, 3 ports ISO	9612598710
	1	Valve body, lower, 3 ports DIN	
Valve plug			
20	1	Plug, double, complete EPDM (standard)	9612600610
	1	Plug, double, complete NBR	9612600611
	1	Plug, double, complete FPM	9612600612
20b	1	Stem	9612600403
20c	♦○ 1	Plug seal, upper, EPDM (standard)	3135303201
	1	Plug seal, upper, NBR	3135303202
	1	Plug seal, upper, FPM	3135303203
	1	Plug seal, upper, PTFE	3135312111
20d	1	Middle piece	9612600503
20e	♦○ 1	Plug seal, lower, EPDM (standard)	9612599601
	1	Plug seal, lower, NBR	9612599602
	1	Plug seal, lower, FPM	9612599603
	1	Plug seal, lower, PTFE	9612627901
20f	1	Screw	9612599703



Alternative stem seal



Alternatives

Pos	Qty	Denomination	DN 25 25 mm
Stem seal			
14	1	Lip seal kit, EPDM (standard)	9611920078
	1	Lip seal kit, NBR	9611920079
	1	Lip seal kit, FPM	9611920080
14a ○	1	Lip seal, EPDM	9612280601
	1	Lip seal, NBR	9612280602
	1	Lip seal, FPM	9612280603
14b	1	Plate	9612280503
14c ○	1	Seal ring, EPDM	3135301281
	1	Seal ring, NBR	3135301282
	1	Seal ring, FPM	3135301283
Stem seal			
14d	1	Washer	3135304521
14e ○	1	O-ring FEP/Silicone	9611992909
14f	1	Holder	3135304531
14g ○	1	Seal ring, PTFE	3135304511
			DN 25 25 mm

Service kit for actuator

□ Service kit 9611920008

Service kit for product wetted parts, standard

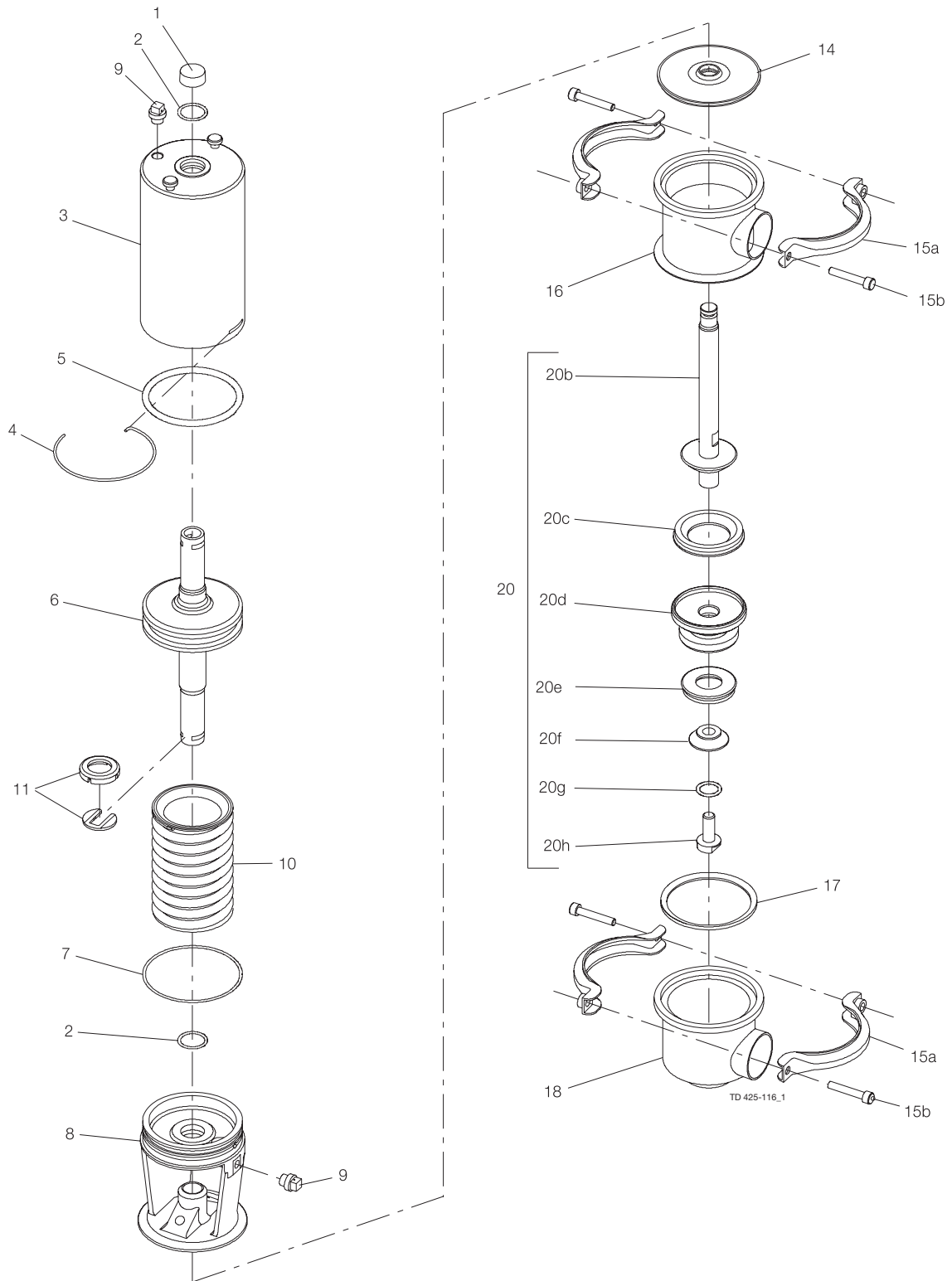
♦ Service kit EPDM 9611920542
 ♦ Service kit NBR 9611920543
 ♦ Service kit FPM 9611920544

Service kit for special lip seal

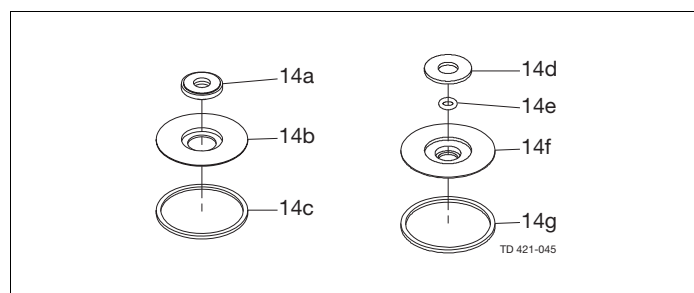
○ Service kit EPDM 9611920545
 ○ Service kit NBR 9611920546
 ○ Service kit FPM 9611920547
 ○ Service kit FEP 9611920548

Parts marked with □♦○ are included in the service kits.

Recommended spare parts: Service kits.



Alternative stem seal



Special lip seal

Parts for FEP lip seal

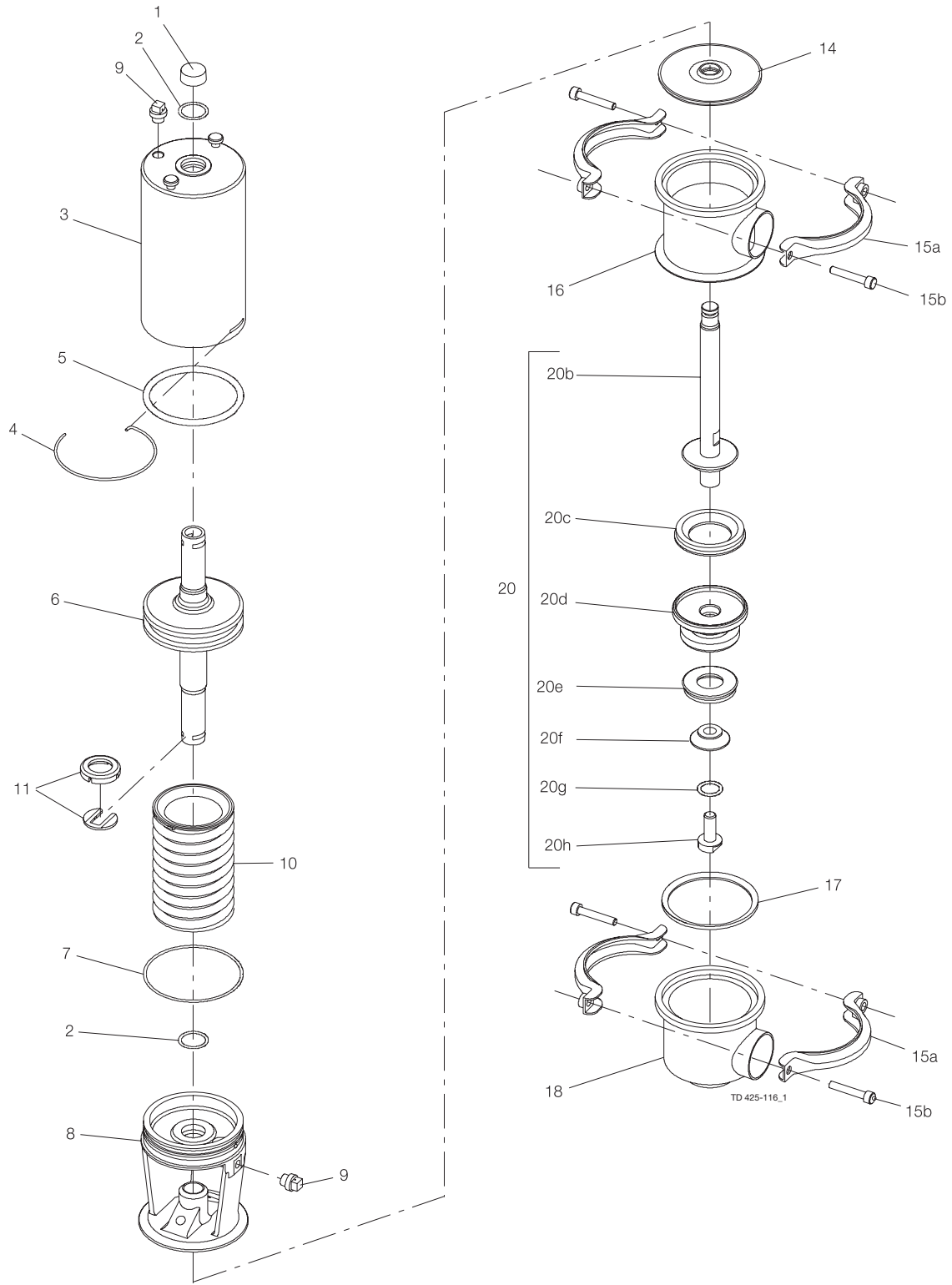
Actuator

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
		Actuator, -1, complete	9613854001	9613854001	9613854001	9613854101	9613854101	9613854101
		Actuator, -2, complete	9613854002	9613854002	9613854002	9613854102	9613854102	9613854102
		Actuator, -3, complete	9613854003	9613854003	9613854003	9613854103	9613854103	9613854103
1	1	Cap	3180105256	3180105256	3180105256	3180105255	3180105255	3180105255
2	2	O-ring	22340625	22340625	22340625	22340649	22340649	22340649
3	1	Cylinder	3135301391	3135301391	3135301391	3135301851	3135301851	3135301851
4	1	Lock Wire	3135301511	3135301511	3135301511	3135301891	3135301891	3135301891
5	1	O-ring	22340174	22340174	22340174	22340175	22340175	22340175
6	1	Piston, -1, -2	3135306211	3135306211	3135306211	3135306191	3135306191	3135306191
	1	Piston, -3	3135306212	3135306212	3135306212			
7	1	O-ring	9611990396	9611990396	9611990396	22340617	22340617	22340617
8	1	Bonnet	3135301331	3135301331	3135301331	3135301901	3135301901	3135301901
9*	2	Plug						
10*	1	Spring assembly, standard (black)	3135306251	3135306251	3135306251	3135306221	3135306221	3135306221
	1	Spring assembly with extra strong spring (white)	3135306252	3135306252	3135306252	3135306222	3135306222	3135306222
11	1	Clip, complete (period 84.08-)	3135307931	3135307931	3135307931	3135307932	3135307932	3135307932

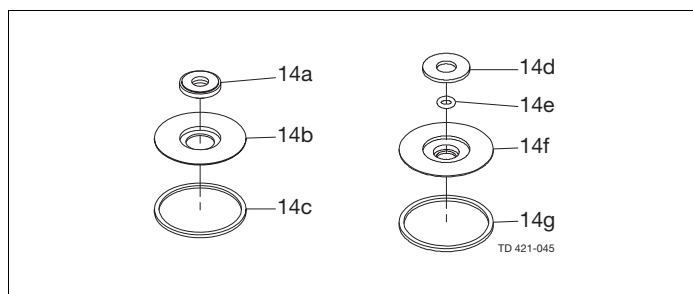
* Only for actuator -1 and -2.

Valve body part

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
Stem seal								
14	1	Lip seal, EPDM (std)	3135301551	3135301551	3135301551	3135301881	3135301881	3135301881
	1	Lip seal, NBR	3135301552	3135301552	3135301552	3135301882	3135301882	3135301882
	1	Lip seal, FPM	3135301553	3135301553	3135301553	3135301883	3135301883	3135301883
Clamp								
15a+b	2	Clamps & screws (Period 9209-)	3132000273	3132000273	3132000273	3132000272	3132000272	3132000272
Valve body								
16	1	Valve body, upper, 1 port ISO	3135300534	3135300547	3135300557	3135300567		3135300587
	1	Valve body, upper, 1 port DIN						9612094901
	1	Valve body, upper, 2 ports ISO	3135300535	3135300548	3135300558	3135300568		3135300588
	1	Valve body, upper, 2 ports DIN						9612094902
17	1	Seal ring, EPDM (std)	3135301281	3135301281	3135301281	3135302051	3135302051	3135302051
	1	Seal ring, NBR	3135301282	3135301282	3135301282	3135302052	3135302052	3135302052
	1	Seal ring, FPM	3135301283	3135301283	3135301283	3135302053	3135302053	3135302053
	1	Seal ring, PTFE	3135304511	3135304511	3135304511	3135304512	3135304512	3135304512
18	1	Valve body, lower, 2 ports ISO	3135303757	3135303767	3135303807	3135303817		313530267
	1	Valve body, lower, 2 ports DIN						9612094401
	1	Valve body, lower, 3 ports ISO	3135303758	3135303768	3135303808	3135303818		3135300268
	1	Valve body, lower, 3 ports DIN						9612094402
Valve plug								
20	1	Plug, double, comp. EPDM (std)	3135303357	3135303367	3135303377	9612947107	9612947110	3135303397
	1	Plug, double, comp. NBR	3135303358	3135303368	3135303378	9612947108	9612947111	3135303398
	1	Plug, double, comp. FPM	3135303359	3135303369	3135303379	9612947109	9612947112	3135303399
20b	1	Stem	3135303497	3135303498	3135303499	3135303507	3135303509	3135303508
20c	1	Plug seal, upper, EPDM (std)	3135303211	3135303211	3135303231	3135303241	3135303241	3135303251
	1	Plug seal, upper, NBR	3135303212	3135303212	3135303232	3135303242	3135303242	3135303252
	1	Plug seal, upper, FPM	3135303213	3135303213	3135303233	3135303243	3135303243	3135303253
	1	Plug seal, upper, PTFE	3135312121	3135312121	3135312161	3135312141	3135312141	3135312151
20d	1	Middle piece	3135303632	3135303642	3135303652	3135303664	9612098402	3135303672
20e	1	Plug seal, lower, EPDM (std)	3135303201	3135303211	3135303221	3135303241	9612095001	3135303251
	1	Plug seal, lower, NBR	3135303202	3135303212	3135303222	3135303242	9612095002	3135303252
	1	Plug seal, lower, FPM	3135303203	3135303213	3135303223	3135303243	9612095003	3135303253
	1	Plug seal, lower, PTFE	3135312111	3135312121	3135312131	3135312141	3135312251	3135312151
20f	1	Washer	3135303572	3135303582	3135303592	3135303603	3135303604	3135303612
20g	1	O-ring, EPDM (std)	99003401	99003401	99003401	99003401	99003401	99003401
	1	O-ring, NBR	22340421	22340421	22340421	22340421	22340421	22340421
	1	O-ring, FPM	22340435	22340435	22340435	22340435	22340435	22340435
	1	O-ring, PTFE	9612433001	9612433001	9612433001	9612433001	9612433001	9612433001
20h	1	Screw	3135303621	3135303621	3135303621	3135303621	3135303621	3135303621



Alternative stem seal



Special lip seal

Parts for FEP lip seal

Alternatives

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm		DN 80	101.6 mm
Stem seal								
14	1	Lip seal kit, EPDM (std)	9611920078	9611920078	9611920078	9611920142	9611920142	9611920142
	1	Lip seal kit, NBR	9611920079	9611920079	9611920079	9611920143	9611920143	9611920143
	1	Lip seal kit, FPM	9611920080	9611920080	9611920080	9611920144	9611920144	9611920144
14a ○	1	Lip seal, EPDM	9612280601	9612280601	9612280601	9612308801	9612308801	9612308801
	1	Lip seal, NBR	9612280602	9612280602	9612280602	9612308802	9612308802	9612308802
	1	Lip seal, FPM	9612280603	9612280603	9612280603	9612308803	9612308803	9612308803
14b	1	Plate	9612280503	9612280503	9612280503	9612308703	9612308703	9612308703
14c ○	1	Seal ring, EPDM	3135301281	3135301281	3135301281	3135302051	3135302051	3135302051
	1	Seal ring, NBR	3135301282	3135301282	3135301282	3135302052	3135302052	3135302052
	1	Seal ring, FPM	3135301283	3135301283	3135301283	3135302053	3135302053	3135302053
Stem seal								
14d	1	Washer	3135304521	3135304521	3135304521	3135304522	3135304522	3135304522
14e ○	1	O-ring FEP/Silicone	9611992909	9611992909	9611992909	9611992910	9611992910	9611992910
14f	1	Holder	3135304531	3135304531	3135304531	3135304541	3135304541	3135304541
14g ○	1	Seal ring, PTFE	3135304511	3135304511	3135304511	3135304512	3135304512	3135304512
			DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm		DN 80	101.6 mm

Service kit for actuator

□	Service kit	9611920008	9611920008	9611920008	9611920009	9611920009	9611920009
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Service kit for product wetted part, standard

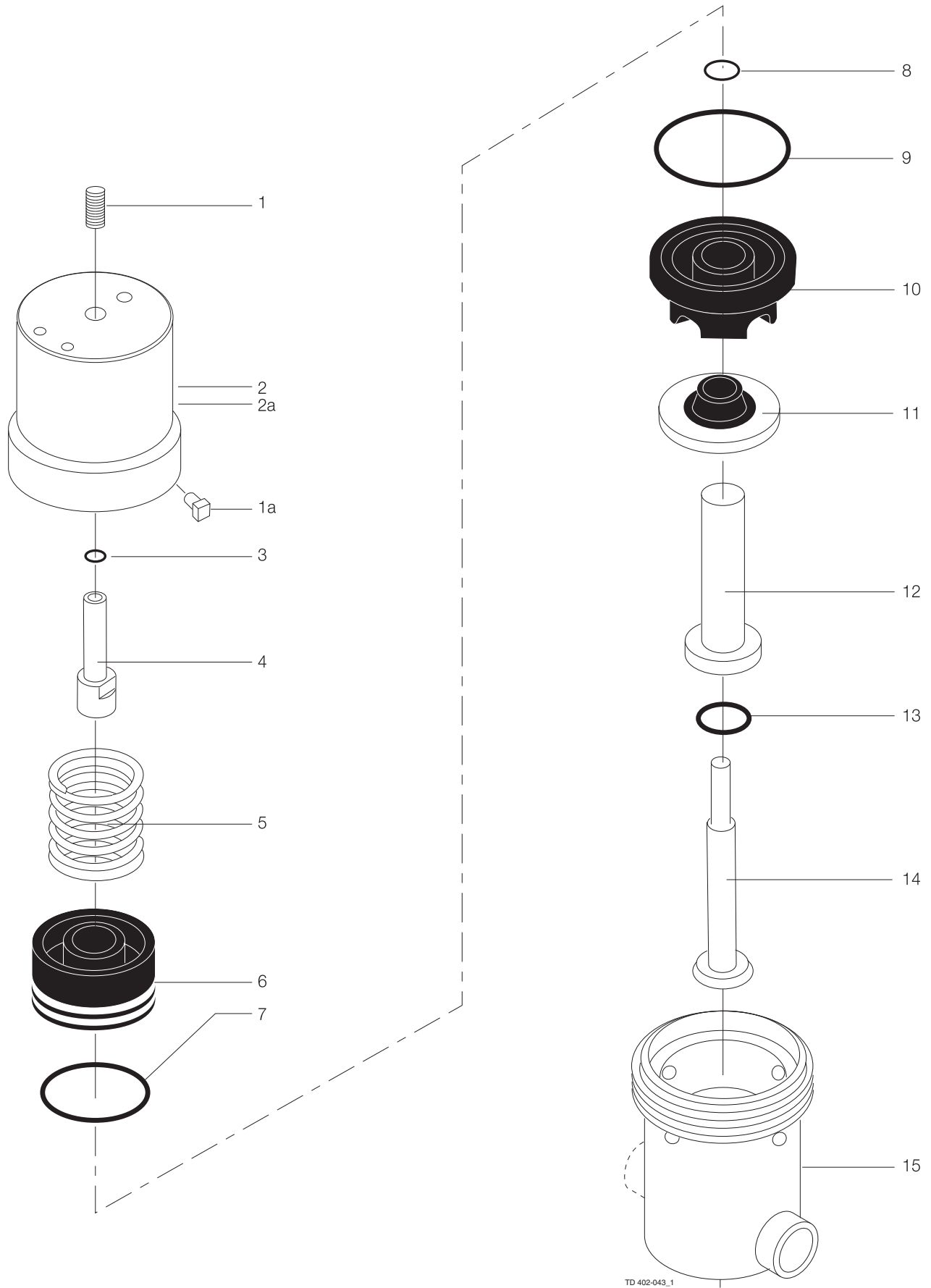
♦	Service kit EPDM	9611920025	9611920028	9611920031	9611920034	9611920108	9611920037
♦	Service kit NBR	9611920026	9611920029	9611920032	9611920035	9611920109	9611920038
♦	Service kit FPM	9611920027	9611920030	9611920033	9611920036	9611920110	9611920039

Service kit for special lip seal

○	Service kit EPDM	9611920471	9611920475	9611920479	9611920483	9611920487	9611920491
○	Service kit NBR	9611920472	9611920476	9611920480	9611920484	9611920488	9611920492
○	Service kit FPM	9611920473	9611920477	9611920481	9611920485	9611920489	9611920493
○	Service kit FEP	9611920474	9611920478	9611920482	9611920486	9611920490	9611920494

Parts marked with □●○ are included in the service kits.

Recommended spare parts: Service kits.



TD 402-043_1

Pos	Qty	Denomination	25 mm
1	1	Pointed screw	9611990217
1a	1	Plug	
2	1	Air cylinder, Stainless steel (standard)	9612081401
2a	1	Air cylinder, noryle	
3	□	O-ring, NBR	9611990038
4	1	Nut	9611402441
5	1	Spring	9611990410
6	1	Piston	9611402433
7	□	O-ring, NBR	9611990039
8	□	O-ring, NBR	9611990049
9	□	O-ring, NBR	9611990022
10	1	Bottom piece	9611402432
11	♦	Lip seal, NBR (standard)	9611403100
	1	Lip seal, EPDM	9611403101
	1	Lip seal, FPM	9611403102
12	1	Hollow spindle	9611402435
13	♦	O-ring, NBR (standard)	9611990040
	1	O-ring, EPDM	9611990554
	1	O-ring, FPM	9611990045
14	1	Valve spindle	9611402489
15	1	L-Valve house	9611402428
	1	T-Valve house	9611402521

25 mm

Service Kit for Actuator

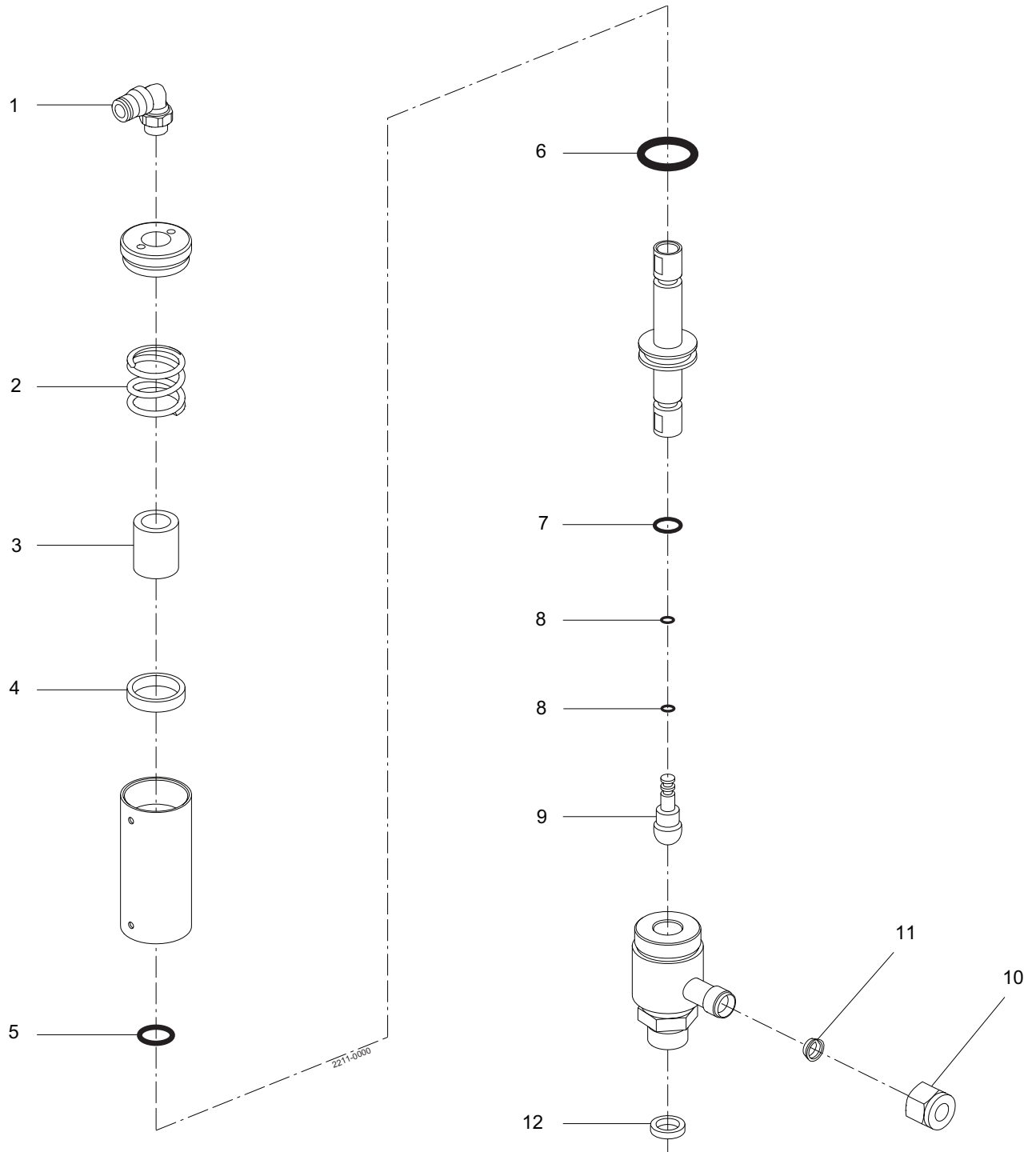
□	Service kit	9611924001
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Service Kit for Product wetted parts

♦	Service kit, NBR	9611924002
♦	Service kit, EPDM	9611924003
♦	Service kit, FPM	9611924004

Parts marked with □♦ are included in the service kits.

Recommended spare parts: Service kits.

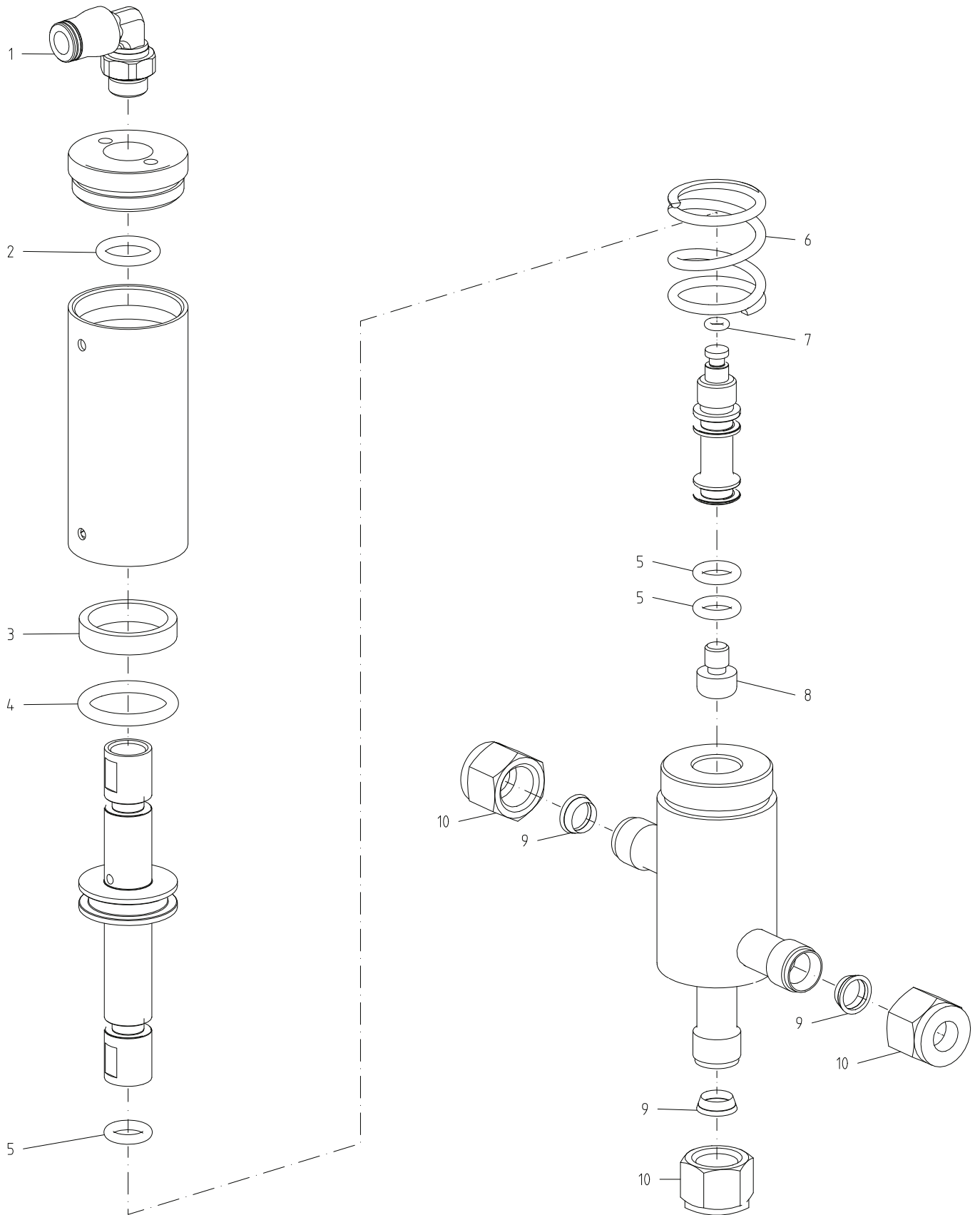


Pos	Qty	Denomination	
1	1	Air fitting	9611991988
2	1	Spring	9615081601
3	1	Distance bushing	9615081501
4	1	Distance bushing	9615081701
5	<input type="checkbox"/>	O-ring, NBR	
6	<input type="checkbox"/>	O-ring, NBR	
7	<input type="checkbox"/>	O-ring, EPDM	
8	<input type="checkbox"/>	O-ring, NBR	
9	<input type="checkbox"/>	Tip, PTFE	
10	1	Nut	9611995505
11	1	Ferrule set	9611995506
12	1	Gasket	9615091201

Service kits: Mini Flow Valve, Pneumatic Angle Valve NO / NC

Service Kit **9615146001**

Parts marked with are included in the service kits.

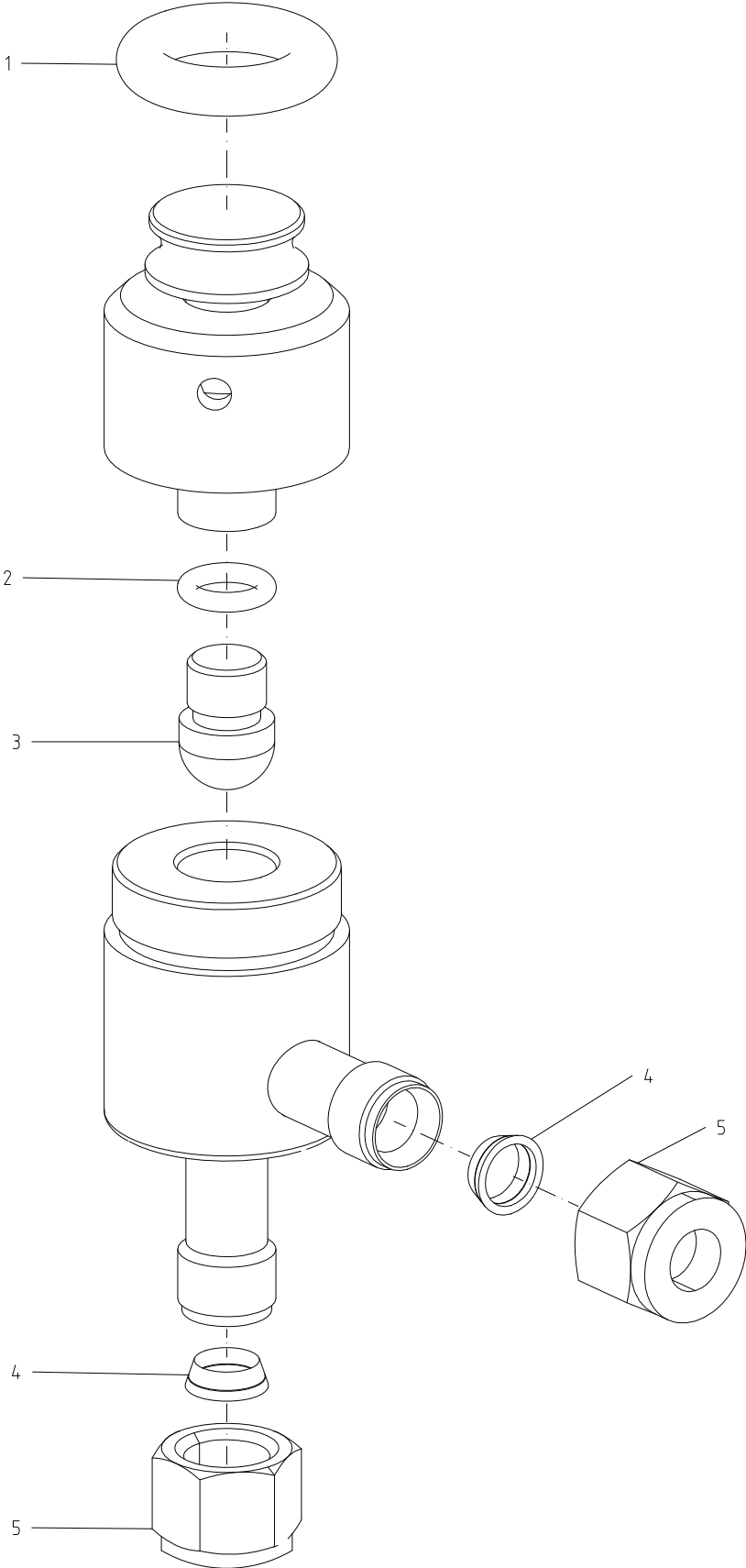


Pos	Qty	Denomination	
1	1	Air fitting	9611991988
2	<input type="checkbox"/>	O-ring, NBR	
3	1	Distance bushing	9615081701
4	<input type="checkbox"/>	O-ring, NBR	
5	<input type="checkbox"/>	O-ring, EPDM	
6	1	Spring	9615081601
7	<input type="checkbox"/>	O-ring, NBR	
8	<input type="checkbox"/>	Tip, PTFE	
9	3	Ferrule set	9611995506
10	3	Nut	9611995505

Service kits: Mini Flow Valve, Pneumatic Change Over Valve NO / NC

Service Kit 9615146002

Parts marked with are included in the service kits.

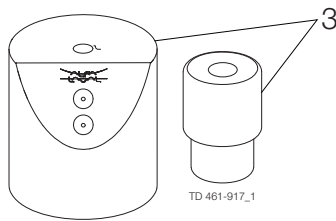


Pos	Qty	Denomination	
1	<input type="checkbox"/>	1 O-ring, NBR	
2	<input type="checkbox"/>	1 O-ring, EPDM	
3	<input type="checkbox"/>	1 Tip, PTFE	
4		2 Nut	9611995505
5		2 Ferrule set	9611995506

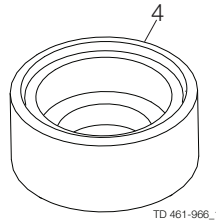
Service kits: Mini Flow Valve, Manual

Service Kit 9615146003

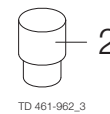
Parts marked with are included in the service kits.



Seat tool for elastomer



Seat tool for TR2 (PTFE)



Tool for changing plastic bushing
(pos. 24 in Unique SSV/7000" spare part

Valve type	Valve size						
	25 mm/ DN25	38 mm/ DN40	51 mm/ DN50	63.5 mm/ DN65	76.1 mm/ DN80	101.6 mm/ DN100	DN125- DN150
Unique SSV (elastomer) family							Seat tool for elastomer - pos. 3
Standard							
LongStroke							
Reverse acting (RA)							
Tangential							
Tank outlet	Not available	9613172901	9613172902	9613172902	9613172903	9613172903	Not needed
Two-step							
RV-ST regulating							
ATEX versions							
Unique 7000 (TR2) family							Seat tool for TR2 (PTFE) - pos. 4
Standard							
LongStroke							
Reverse acting (RA)							
Tangential	9613163206	9613163201	9613163202	9613163203	9613163204	9613163205	Not available
Tank outlet							
Two-step							
7710 and 7711 regulating							
ATEX versions							
Unique SSV aseptic (elastomer) family/Unique 7000 aseptic (elastomer) family							Seat tool for elastomer - pos. 3
Standard							
Tangential	9614060001	9614060002	9614060003	9614060003	9614060004	9614060004	Not available
Two step							
Single seat valves							
Unique RV-P regulating	Not available	Not needed	Not needed	Not needed	Not needed	Not needed	Not available
Unique RV-P aseptic regulating							
Unique small single seat (elastomer)	Only size 12.7 and 19 mm (tool not needed)						
Unique small single seat (elastomer)	Only size 1/2" and 3/4" (tool not needed)						
i-SSV (elastomer)	Not needed	Not needed	Not needed	Not needed	Not needed	Not needed	Not needed
SRC (elastomer)	Not needed	Not needed	Not needed	Not needed	Not needed	Not needed	Not needed
ARC (elastomer)	Not needed	Not needed	Not needed	Not needed	Not needed	Not needed	Not available
Unique 7000 (TR2) family							Seat tool for TR2 (PTFE) - pos. 4
U700 + U300 (TR2)	Not available	9635000164	9635000165	9635000166	9635000167	9635000168	Not available

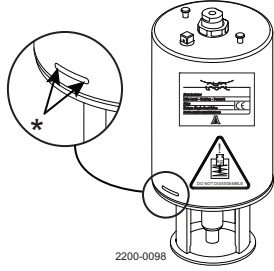
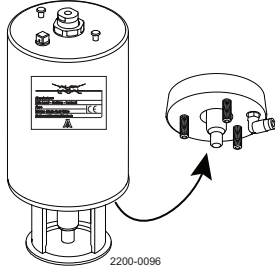

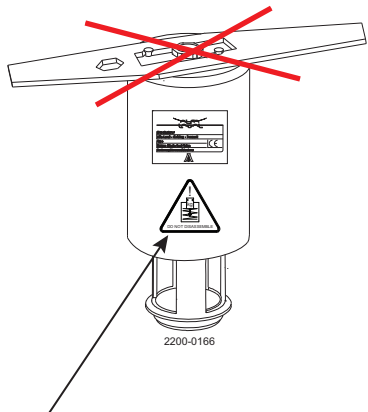
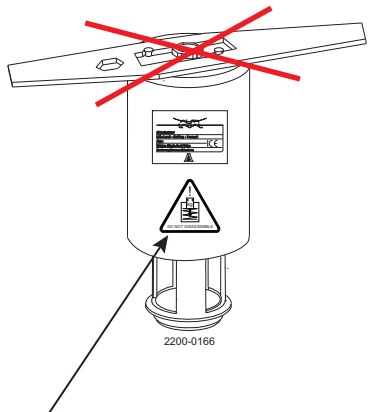
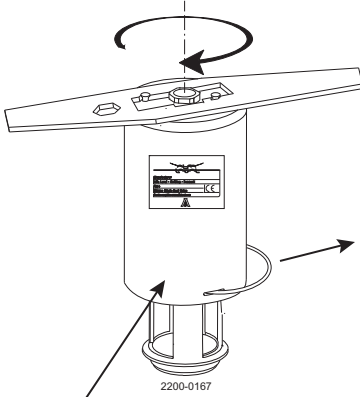
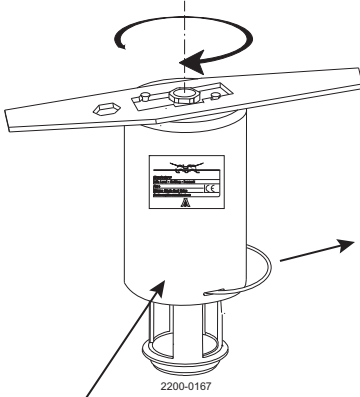
Different actuator types for the Unique SSV and Unique 7000 valves

Actuator version can be ordered/configured either “fully maintainable” (no warning marked on actuator) or as a “non-maintainable” (warning marked on actuator).

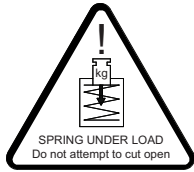
In June 2016 the below change was implemented and the “removable yoke with bolts” version is thereby phased out and replaced by the “yoke without bolts” version.

NOTE

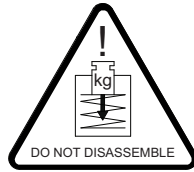
It is important to check for warnings marked on the actuator when servicing an actuator - see below table

<p>Actuator type</p>	<p>Non-maintainable actuator Spring under load and CANNOT be opened</p>  <p>*) Lock wire opening is locked when warning is marked on actuator</p>	<p>Fully maintainable actuator Spring cage and can be opened</p> 	<p>Fully maintainable actuator Spring cage and can be opened</p> 
<p>Yoke type</p>	<p>Non-removable yoke</p>	<p>“Removable yoke with bolts”. If the yoke with bolts is damaged it has to be replaced by the “yoke without bolts”</p>	<p>“Yoke without bolts”</p>
<p>Service</p>	<p>Not possible to service internally (it is not possible to change piston o-rings)</p>	<p>Yes</p>	<p>Yes</p>
<p>Marked with warnings</p>	<p>Yes</p>	<p>No</p>	<p>No</p>
<p>Year of production</p>	<p>From 2006</p>	<p>From 2006 to June 2016</p>	<p>From June 2016</p>
<p>DANGER - do NOT use tool</p>  <p>Warning lasermarked on actuator !! Actuator = non maintainable and cannot be services (dismantled/opened)</p>	<p>DANGER - do NOT use tool</p>  <p>Warning lasermarked on actuator !! Actuator = non maintainable and cannot be services (dismantled/opened)</p>	<p>Tool can be used</p>  <p>No warning lasermarked. SO actuator = maintainable actuator</p>	<p>Tool can be used</p>  <p>No warning lasermarked. SO actuator = maintainable actuator</p>

Warning signs



Danger of injury (lasermarked on the actuator). Do **NOT** attempt to disassemble the actuator due to spring under load danger! (The lock wire opening is locked).



Danger of injury (an extra yellow label marked on the Unique SSV/7000 actuator from June 2016). Do **NOT** attempt to cut the actuator open due to spring under load. (The lock wire opening is locked).



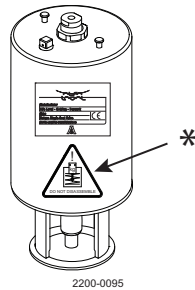
Danger of injury (label marked on the actuator). Do **NOT** attempt to cut the Unique 7000 actuator open due to spring under load. (The lock wire opening is locked)

Actuator version can be ordered/configured either “fully maintainable” (no warning marked on actuator) or as “non-maintainable” (warning marked on actuator).

The actuator can only be serviced (open and change the o-ring piston) if there is **NO** warning lasermarked on the actuator.

Non-maintainable actuator

* = lasermarked warning



Fully maintainable actuator

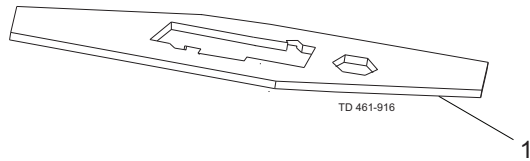


Table 1

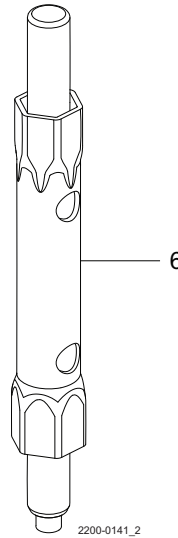
Valve type	Valve size						
	25 mm/DN25	38 mm/DN40	51 mm/DN50	63.5 mm/DN65	76.1 mm/DN80	101.6 mm/DN100	DN125 -DN150
Standard	Yes / no	Yes / no	Yes / no	Yes / no	Yes / no	Yes / no	Yes
Longstroke	Not available	No	No	No	No	No	Not available
High pressure	Yes / no	Yes / no	Yes / no	Yes / no	No	No	Not available
Aseptic family	Yes / no	Yes / no	Yes / no	Yes / no	Yes / no	Yes / no	Not available
Reverse acting	Yes / no	Yes / no	Yes / no	Yes / no	Yes / no	Yes / no	Not available
Tangential	Yes / no	Yes / no	Yes / no	Yes / no	Yes / no	Yes / no	Not available
Tank outlet	Yes / no	Yes / no	Yes / no	Yes / no	Yes / no	Yes / no	Not available
Two step	Yes	Yes	Yes	Yes	Yes	Yes	Not available
RV-ST regulating	Yes / no	Yes / no	Yes / no	Yes / no	Yes / no	Yes / no	Not available
7710 regulating	Yes / no	Yes / no	Yes / no	Yes / no	Yes / no	Yes / no	Not available
7711 regulating	Yes / no	Yes / no	Yes / no	Yes / no	Yes / no	Yes / no	Not available
ATEX versions	No	No	No	No	No	No	Not available
Unique RV-P regulating	Not available	Yes	Yes	Yes	Yes	Yes	Not available
Unique RV-P aseptic regulating	Not available	Yes	Yes	Yes	Yes	Yes	Not available
Unique small single seat valve (elastomer)	Only size 1/2" 12.7 mm and 3/4" 19 mm (only maintainable version)						

“Yes” = Fully maintainable and can be serviced (change the piston o-ring)

“No” = Non-maintainable and **cannot** be serviced



Service tool for maintainable actuator only



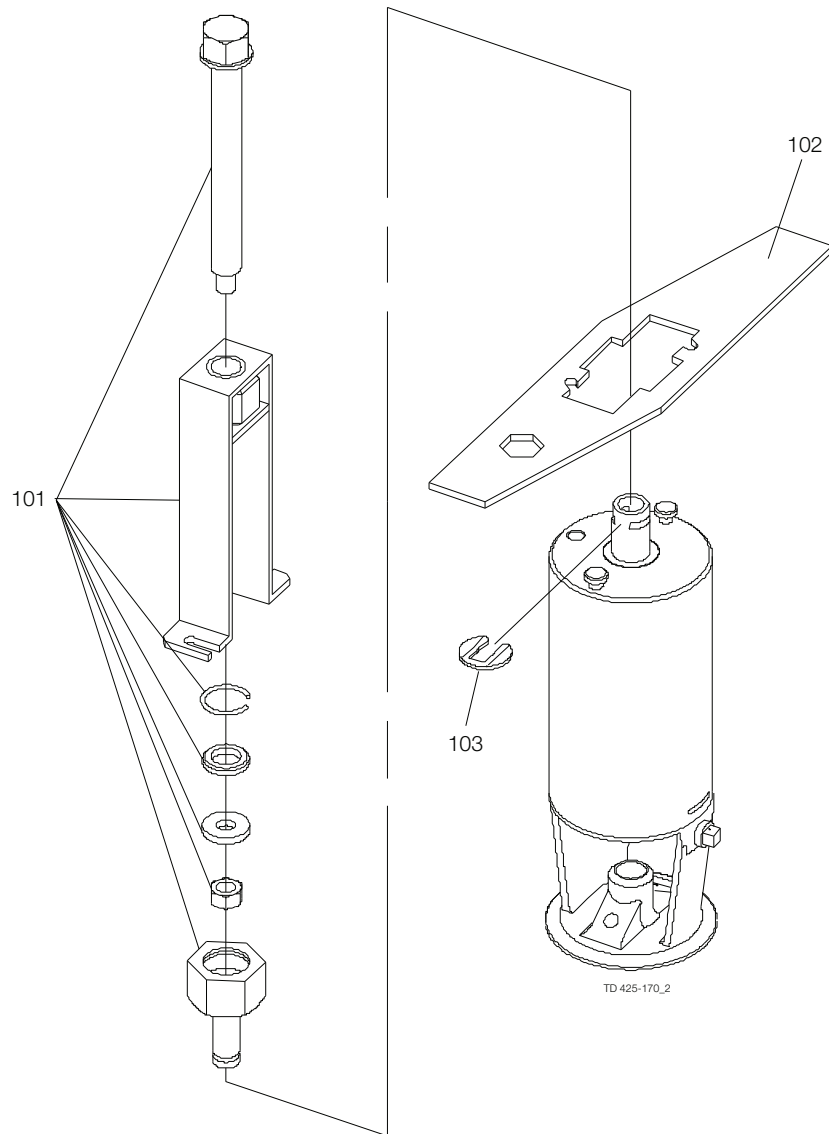
Tool for actuator bushing
(maintainable and non-maintainable actuators)



Valve type	Valve size						
	25 mm/ DN25	38 mm/ DN40	51 mm/ DN50	63.5 mm/ DN65	76.1 mm/ DN80	101.6 mm/ DN100	DN125 -DN150
Service tool for maintainable actuator only - pos 1							
Unique SSV (elastomer)* Unique 7000 (TR2)*	3135302191	3135302191	3135302191	3135302191	9612454001	9612454001	9612454001
Tool for actuator bushing (maintainable and non-maintainable actuators) - pos 6							
Unique SSV (elastomer)* Unique 7000 (TR2)*	9614198401	9614198401	9614198401	9614198401	9614198401	9614198401	Not needed
Service tool for maintainable actuator only - pos 1							
i-SSV (elastomer)	3135302191	3135302191	3135302191	3135302191	9612454001	9612454001	9612454001
Service tool for maintainable actuator only - pos 1							
SRC and ARC (elastomer)	3135302191	3135302191	3135302191	3135302191	9612454001	9612454001	9612454001
Service tool for maintainable actuator							
Unique RV-P regulating and Unique RV-P aseptic regulating	Not available	Not needed	Not needed	Not needed	Not needed	Not needed	Not available
Unique small single seat (elastomer)	Only size 12.7 mm and 19 mm (no tool needed)						
Unique 7000 small single seat (elastomer)	Only size 1/2" and 3/4" (tool not needed)						

* = all types - see table 1 on the previous page.

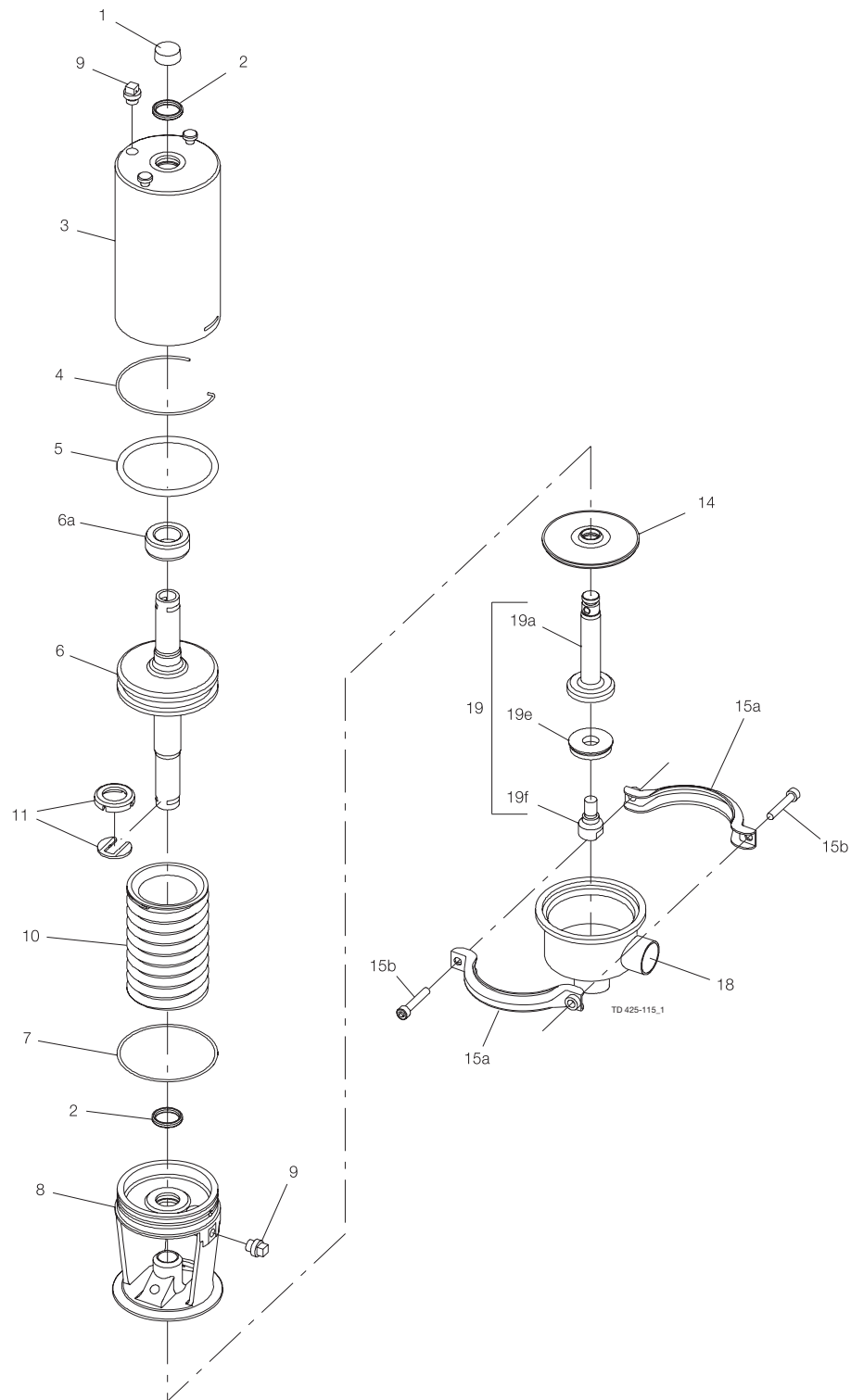
Not manufactured anymore



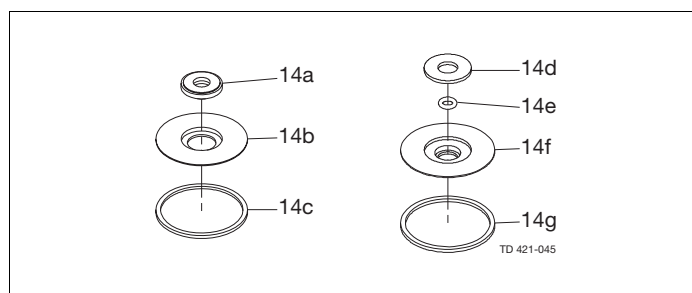
Pos	Qty	Denomination	
101	1	Lifting tool complete, SRC	3135308001
102	1	Turning tool	3135302191
103	1	Clip	3135307301

900095/0

Not manufactured anymore



Alternative stem seal



Special lip seal

Parts for FEP lip seal

Actuator

Pos	Qty	Denomination	DN 25 25 mm
		Actuator, -1, complete	9612608701
		Actuator, -2, complete	9612608702
		Actuator, -3, complete	9612608703
1	1	Cap	3180105256
2	□ 2	O-ring	
3	1	Cylinder	3135301391
4	□ 1	Lock Wire	
5	□ 1	O-ring	
6	1	Piston, -1, -2	3135306211
	1	Piston, -3	3135306212
6a	1	Stop ring	9612602101
7	□ 1	O-ring	
8	1	Bonnet	3135301331
9*	2	Plug	
10*	1	Spring assembly (black)	3135306251
11	□ 1	Clip, complete	3135307931

* Only for actuator -1 and -2.

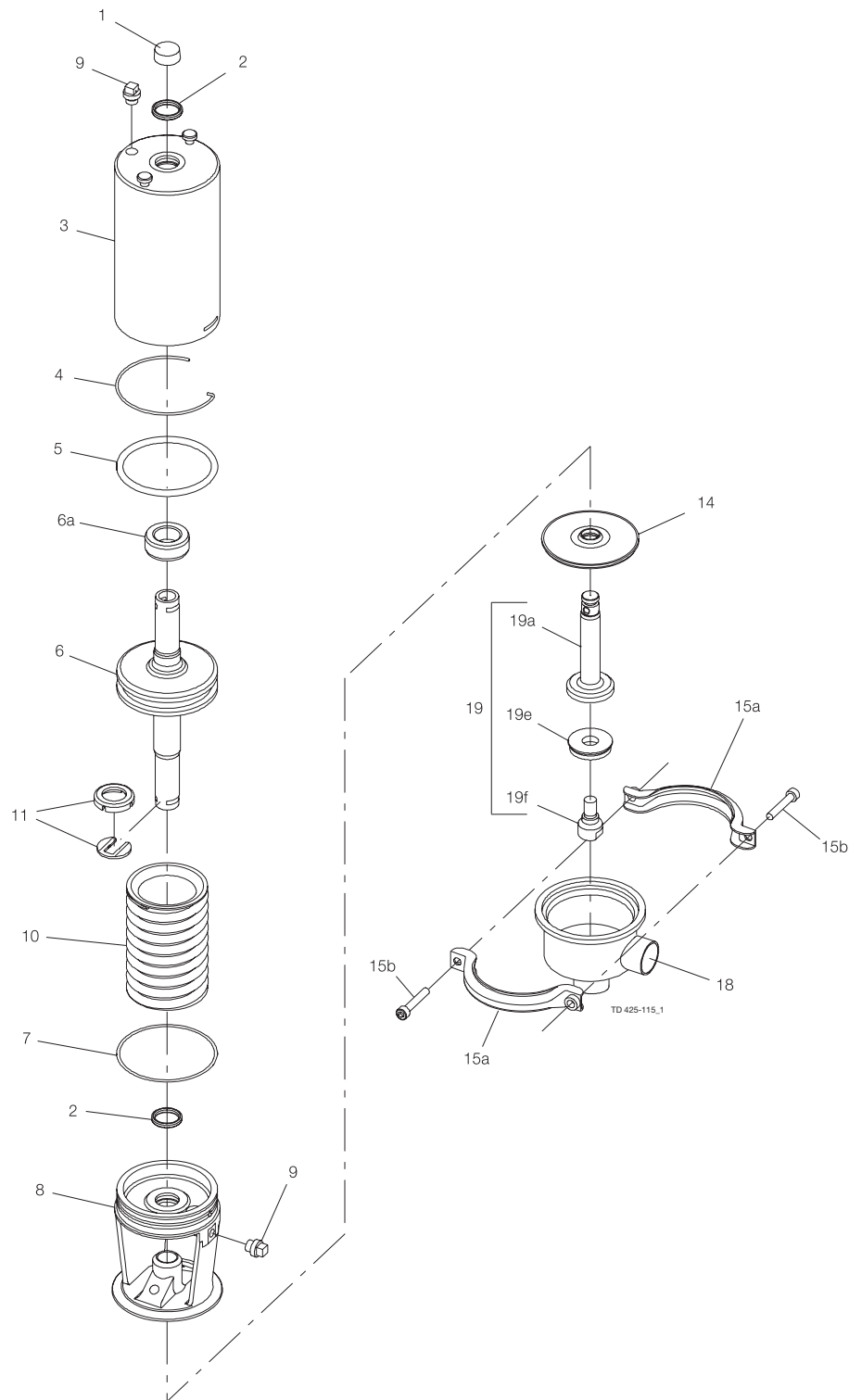
Valve body part

Pos	Qty	Denomination	DN25 25 mm
Stem seal			
14	♦ 1	Lip seal, EPDM (standard)	
	1	Lip seal, HNBR	
	1	Lip seal, FPM	
Clamp			
15a+b	1	Clamps and screws	3132000273
Valve body			
18	1	Valve body, 2 ports ISO	9612598701
	1	Valve body, 2 ports DIN	9612598801
	1	Valve body, 3 ports ISO	9612598702
	1	Valve body, 3 ports DIN	9612598802
Valve plug			
19	1	Plug, single, complete EPDM (standard)	9612599801
19a	1	Stem	9612599501
19e	♦○ 1	Plug seal, EPDM (standard)	
	1	Plug seal, NBR	
	1	Plug seal, FPM	
	1	Plug seal, PTFE	
19f	1	Screw	9612599701

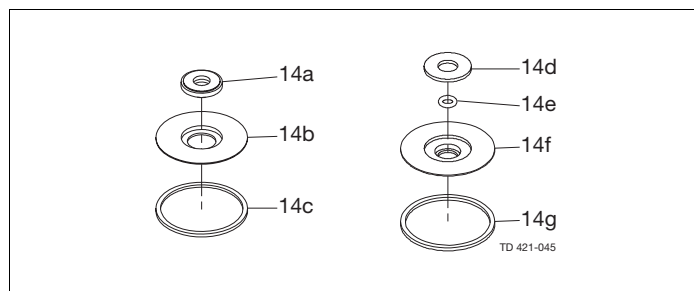
Alternatives

Pos	Qty	Denomination	DN25 25 mm
Stem seal			
14	1	Lip seal kit, EPDM (standard)	9611920078
	1	Lip seal kit, NBR	9611920079
	1	Lip seal kit, FPM	9611920080
14a	○ 1	Lip seal, EPDM	
	1	Lip seal, FPM	
14b	1	Plate	9612280501
14c	○ 1	Seal ring, EPDM	
	1	Seal ring, NBR	
	1	Seal ring, FPM	
Stem seal			
14d	1	Washer	3135304521
14e	○ 1	O-ring FEP/Silicone	
14f	1	Holder	3135304531
14g	○ 1	Seal ring, PTFE	

Not manufactured anymore



Alternative stem seal



Special lip seal

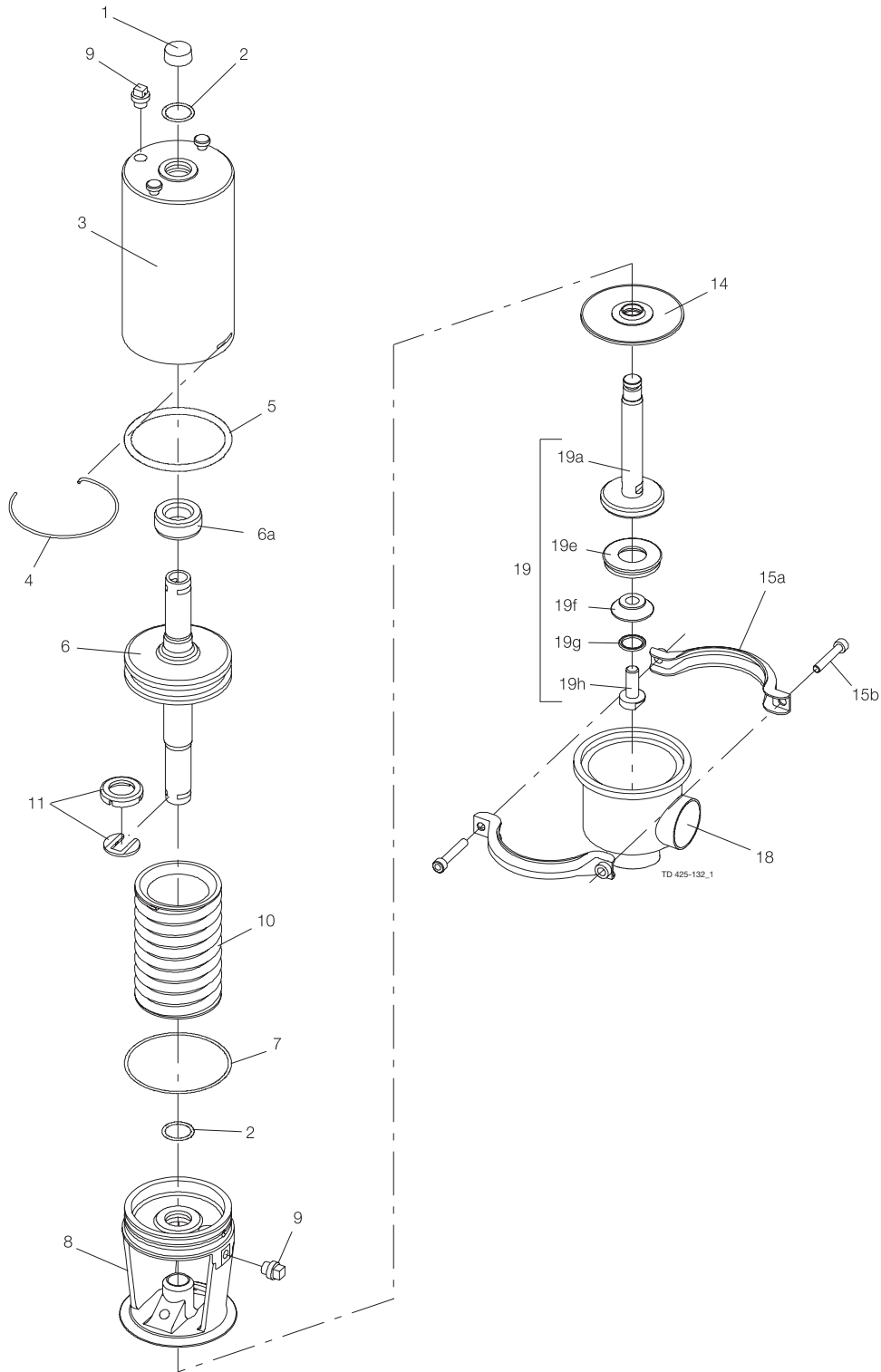
Parts for FEP lip seal

Pos	Qty	Denomination	DN25 25 mm
Valve body with 0.8 RA finish inside			
	1	Valve body, 2 ports DIN	9612598803
	1	Valve body, 3 ports ISO	9612598704
	1	Valve body, 3 ports DIN	9612598804
Valve plug with 0.8 RA finish			
	1	Plug, single, complete NBR	9612599805
	1	Plug, single, complete FPM	9612599806
19a	1	Stem	3135310079
19f	1	Screw	
			DN25 25 mm
Service kit for actuator			
□		Service kit	9611920008
Service kit for product wetted parts, standard			
♦		Service kit EPDM	9611920535
♦		Service kit NBR	9611920536
♦		Service kit FPM	9611920537
Service kit for special lip seal			
○		Service kit EPDM	9611920538
○		Service kit NBR	9611920539
○		Service kit FPM	9611920540
○		Service kit FEP	9611920541

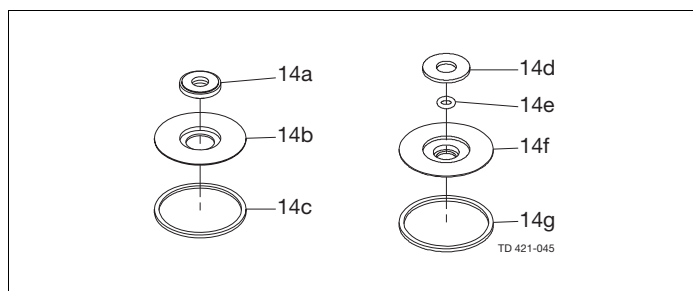
Parts marked with □♦○ are included in the service kits
 Recommended spare parts: service kits.

900088/3

Not manufactured anymore



Alternative stem seal



Special lip seal

Parts for FEP lip seal

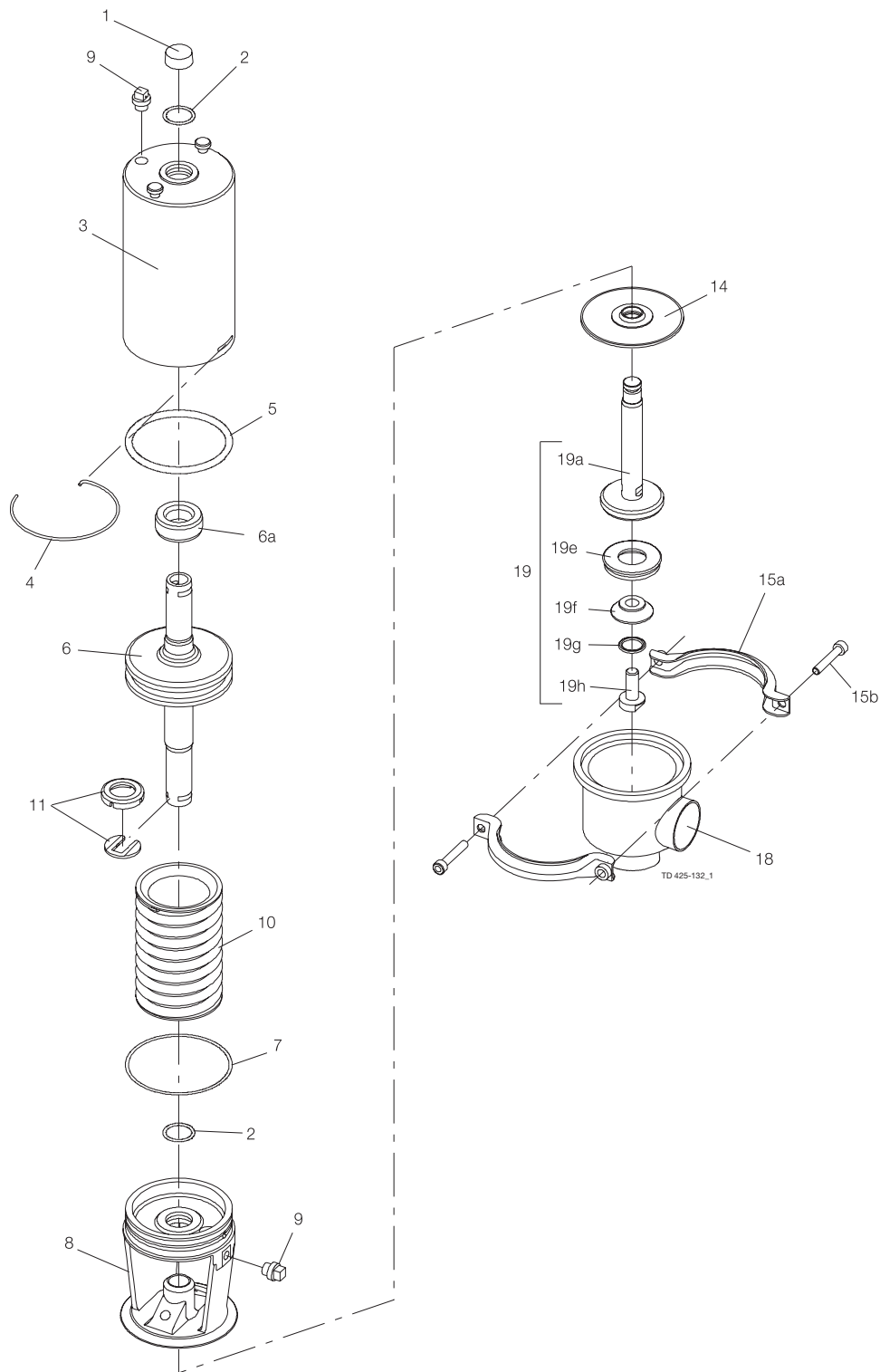
Pos	Qty	Denomination	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	76 mm	DN 80	DN 100 101.6 mm
		Actuator, -1, complete	3135302061	3135302061	3135302061	3135302141	3135302141	3135302141
		Actuator, -2, complete	3135302062	3135302062	3135302062	3135302142	3135302142	3135302142
		Actuator, -3, complete	3135302063	3135302063	3135302063	3135302143	3135302143	3135302143
1	1	Cap	3180105256	3180105256	3180105256	3180105255	3180105255	3180105255
2	□ 2	O-ring						
3	1	Cylinder	3135301391	3135301391	3135301391	3135301851	3135301851	3135301851
4	□ 1	Lock wire						
5	□ 1	O-ring						
6	1	Piston, -1, -2	3135306211	3135306211	3135306211	3135306191	3135306191	3135306191
	1	Piston, -3	3135306212	3135306212	3135306212			
6a	1	Stop ring (only for actuator-3)	3135312172	3135312172	3135312172			
7	□ 1	O-ring						
8	1	Bonnet	3135301331	3135301331	3135301331	3135301901	3135301901	3135301901
9*	2	Plug						
10*	1	Spring assembly standard (black)	3135306251	3135306251	3135306251	3135306221	3135306221	3135306221
	1	Spring assembly with extra strong spring (white)	3135306252	3135306252	3135306252	3135306222	3135306222	3135306222
11	□ 1	Clip, complete, (period 84.08-)	3135307931	3135307931	3135307931	3135307932	3135307932	3135307932
	1	Clip, (period 68.02 - 84.07)						

* Only for actuator -1 and -2.

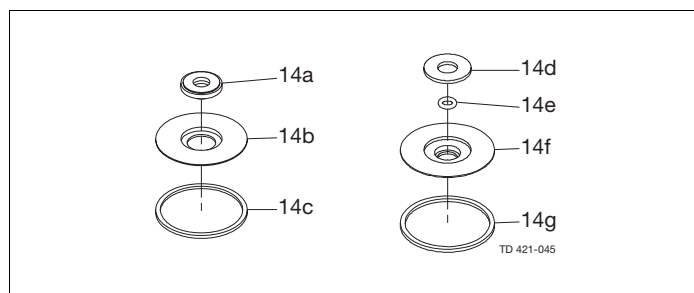
Valve body part

Pos	Qty	Denomination	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	76 mm	DN 80	DN 100 101.6 mm
Stem seal								
14	♦ 1	Lip seal, EPDM						
	1	Lip seal, NBR						
	1	Lip seal, FPM						
Clamp								
15a+b	1	Clamps & screws, (period 9209-)	3132000273	3132000273	3132000273	3132000272	3132000272	3132000272
15a	2	Clamp half, (period -9209)						
15b	2	Screw, (period -9209)						
Valve body								
18	1	Valve body, 2 ports ISO	3135303751	3135303761	3135303801	3135303811		3135300261
	1	Valve body, 2 ports DIN	9612094001	9612094101	9612094201		9612094301	9612094401
	1	Valve body, 3 ports ISO	3135303756	3135303766	3135303806	3135303816		3135300266
	1	Valve body, 3 ports DIN	9612094002	9612094102	9612094202		9612094302	9612094402
Valve plug								
19	1	Plug, single, comp. EPDM (std)	3135303301	3135303311	3135303321	3135303331	3135303334	3135303341
19a	1	Stem	3135303401	3135303771	3135303781	3135303411	3135303412	3135303791
19e	♦○ 1	Plug seal, EPDM (std)						
	1	Plug seal, NBR						
	1	Plug seal, FPM						
	1	Plug seal, PTFE						
19f	1	Washer	3135303571	3135303581	3135303591	3135303601	3135303602	3135303611
19g	♦○ 1	O-ring, EPDM (std)						
	1	O-ring, NBR						
	1	O-ring, FPM						
	1	O-ring, PTFE						
19h	1	Screw	3135303621	3135303621	3135303621	3135303621	3135303621	3135303621

Not manufactured anymore



Alternative stem seal



Special lip seal

Parts for FEP lip seal

Alternatives

Pos	Qty	Denomination	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	76 mm	DN 80	DN 100 101.6 mm
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Special actuator complete

Stem seal

14	1	Lip seal kit, EPDM (std)	9611920078	9611920078	9611920078	9611920142	9611920142	9611920142
	1	Lip seal kit, NBR	9611920079	9611920079	9611920079	9611920143	9611920143	9611920143
	1	Lip seal kit, FPM	9611920080	9611920080	9611920080	9611920144	9611920144	9611920144
14a ○	1	Lip seal, EPDM						
	1	Lip seal, NBR						
	1	Lip seal, FPM						
14b	1	Plate	9612280501	9612280501	9612280501	9612308701	9612308701	9612308701
14c ○	1	Seal ring, EPDM						
	1	Seal ring, NBR						
	1	Seal ring, FPM						

Stem seal

14d	1	Washer	3135304521	3135304521	3135304521	3135304522	3135304522	3135304522
14e ○	1	O-ring FEP/Silicone						
14f	1	Holder	3135304531	3135304531	3135304531	3135304541	3135304541	3135304541
14g ○	1	Seal ring, PTFE						

Pos	Qty	Denomination	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	76 mm	DN 80	DN 100 101.6 mm
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Valve body with 0.8 RA finish inside

18	1	Valve body, 2 ports ISO	3135303752		3135303802			
	1	Valve body, 2 ports DIN	9612094003					
	1	Valve body, 3 ports ISO						
	1	Valve body, 3 ports DIN	9612094004		9612094204		9612094304	9612094404

Valve plug with 0.8 RA finish

19	1	Plug, single, comp. EPDM (std)		3135310911		3135310931		
	1	Plug, single, comp. NBR	3135310902	3135310912			3135310935	3135310942
	1	Plug, single, comp. FPM		3135310913	3135310923	3135310933	3135310936	
19a	1	Stem	3135310071		3135310073	3135310074	3135310078	
19f	1	Washer	3135310101	3135310102		3135310104	3135310106	
19h	1	Screw	3135310111	3135310111	3135310111	3135310111	3135310111	3135310111

Pos	Qty	Denomination	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm	76 mm	DN 80	DN 100 101.6 mm
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Service kit for actuator

□		Service kit	9611920008	9611920008	9611920008	9611920009	9611920009	9611920009
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Service kit for product wetted parts, standard

♦		Service kit EPDM	9611920010	9611920013	9611920016	9611920019	9611920105	9611920022
♦		Service kit NBR	9611920011	9611920014	9611920017	9611920020	9611920106	9611920023
♦		Service kit FPM	9611920012	9611920015	9611920018	9611920021	9611920107	9611920024

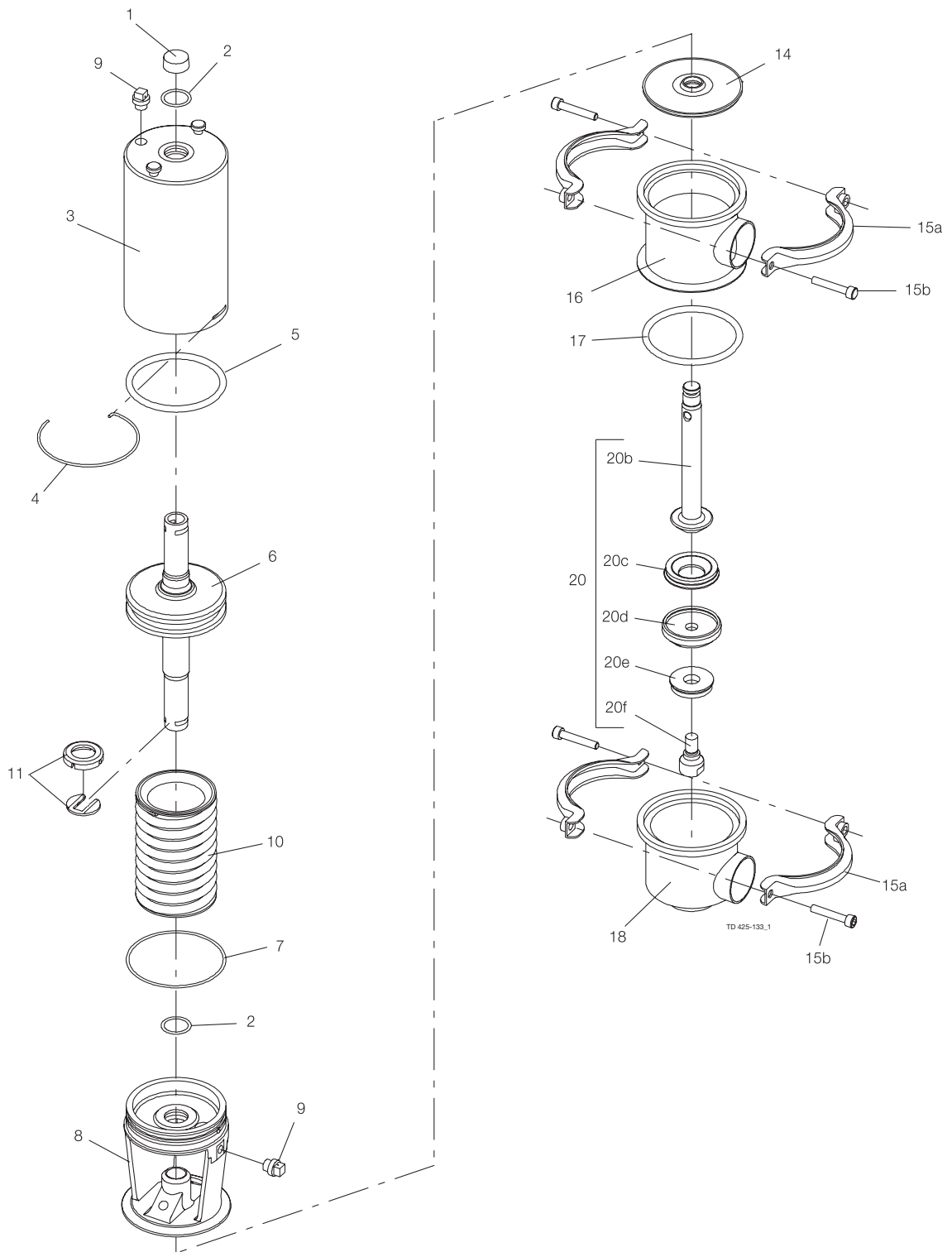
Service kit for special lip seal

○		Service kit EPDM	9611920447	9611920451	9611920455	9611920459	9611920463	9611920467
○		Service kit NBR	9611920448	9611920452	9611920456	9611920460	9611920464	9611920468
○		Service kit FPM	9611920449	9611920453	9611920457	9611920461	9611920465	9611920469
○		Service kit FEP	9611920450	9611920454	9611920458	9611920462	9611920466	9611920470

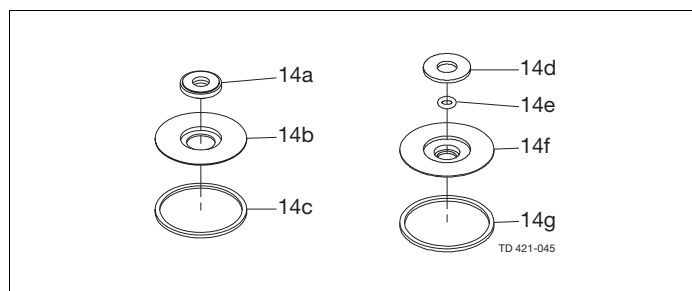
Parts marked with □○ are included in the service kits

Recommended spare parts: service kits.

Not manufactured anymore



Alternative stem seal



Special lip seal

Parts for FEP lip seal

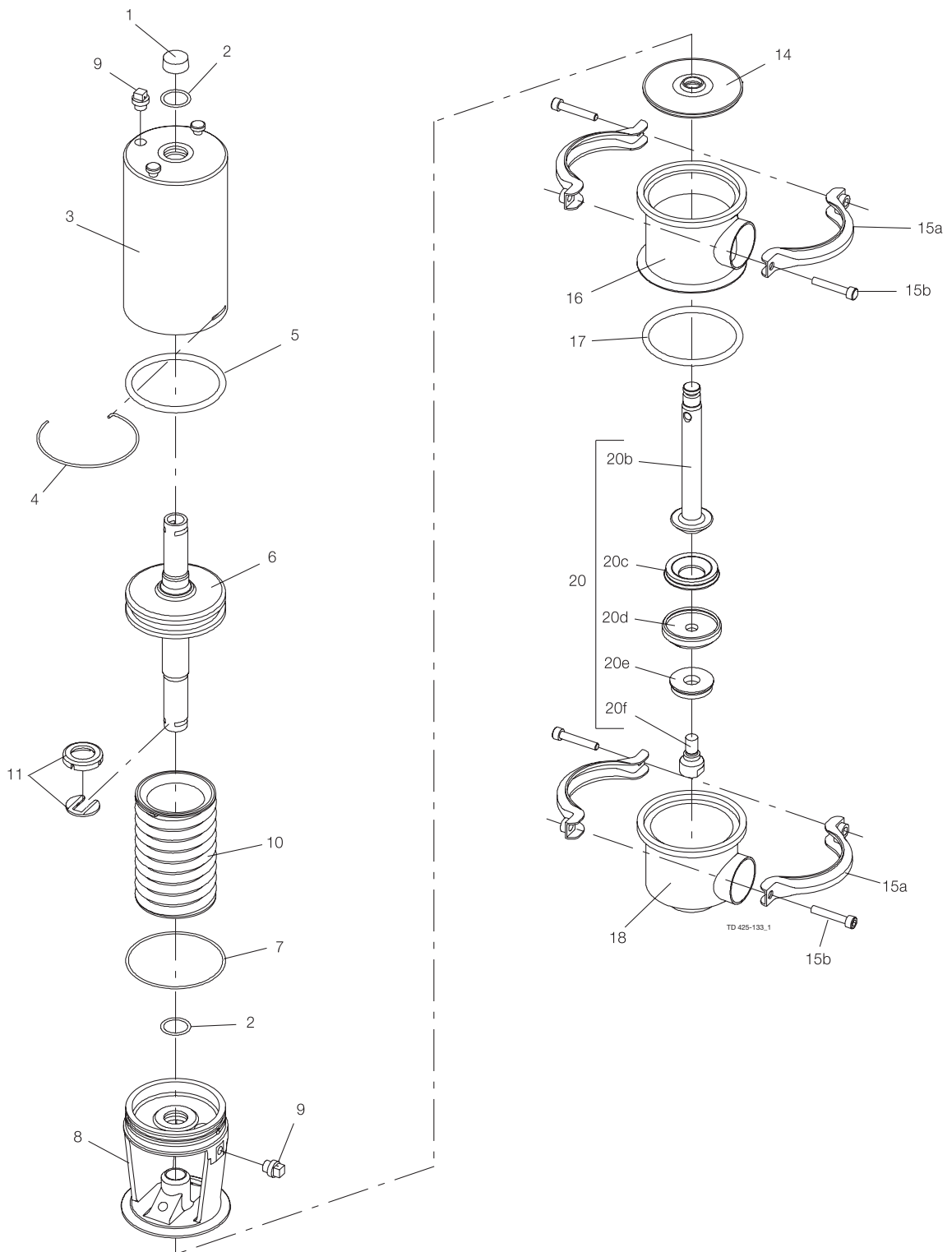
Pos	Qty	Denomination	DN 25 25 mm
		Actuator, -1, complete	3135302061
		Actuator, -2, complete	3135302062
		Actuator, -3, complete	3135302063
1	1	Cap	3180105256
2	□	2 O-ring	
3	1	Cylinder	3135301391
4	□	1 Lock Wire	
5	□	1 O-ring	
6	1	Piston, -1, -2	3135306211
	1	Piston, -3	3135306212
7	□	1 O-ring	
8	1	Bonnet	3135301331
9*	2	Plug	
10*	1	Spring assembly, standard (black)	3135306251
11	□	1 Clip, complete	3135307931

* Only for actuator -1 and -2.

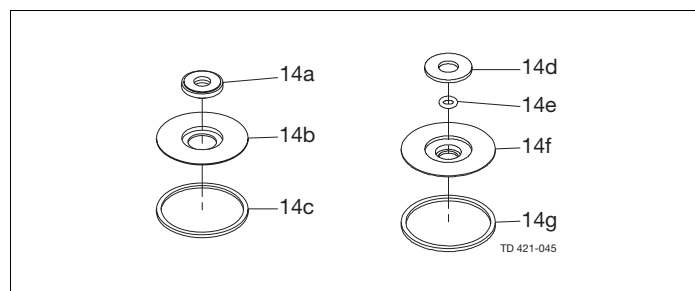
Valve body part

Pos	Qty	Denomination	DN 25 25 mm
Stem seal			
14	♦	1 Lip seal, EPDM (standard)	
		1 Lip seal, HNBR	
		1 Lip seal, FPM	
Clamp			
15a+b	2	Clamps and screws (period 9209-)	3132000273
Valve body			
16	1	Valve body, upper, 1 port ISO	9612599101
	1	Valve body, upper, 1 port DIN	9612599201
	1	Valve body, upper, 2 ports ISO	9612599102
	1	Valve body, upper, 2 ports DIN	9612599202
17	♦○	1 Seal ring, EPDM (standard)	
	1	Seal ring, NBR	
	1	Seal ring, FPM	
	1	Seal ring, PTFE	
18	1	Valve body, lower, 2 ports ISO	9612598701
	1	Valve body, lower, 2 ports DIN	9612598801
	1	Valve body, lower, 3 ports ISO	9612598702
	1	Valve body, lower, 3 ports DIN	9612598802
Valve plug			
20	1	Plug, double, complete EPDM (standard)	9612600601
	1	Plug, double, complete FPM	
20b	1	Stem	9612600401
20c	♦○	1 Plug seal, upper, EPDM (standard)	
	1	Plug seal, upper, NBR	
	1	Plug seal, upper, FPM	
	1	Plug seal, upper, PTFE	
20d	1	Middle piece	9612600501
20e	♦○	1 Plug seal, lower, EPDM (standard)	
	1	Plug seal, lower, NBR	
	1	Plug seal, lower, FPM	
	1	Plug seal, lower, PTFE	
20f	1	Screw	9612599701

Not manufactured anymore



Alternative stem seal



Special lip seal

Parts for FEP lip seal

Alternatives

			DN 25
Pos	Qty	Denomination	25 mm
Stem seal			
14	1	Lip seal kit, EPDM (standard)	9611920078
	1	Lip seal kit, NBR	9611920079
	1	Lip seal kit, FPM	9611920080
14a ○	1	Lip seal, EPDM	
	1	Lip seal, NBR	
	1	Lip seal, FPM	
14b	1	Plate	9612280501
14c ○	1	Seal ring, EPDM	
	1	Seal ring, NBR	
	1	Seal ring, FPM	
Stem seal			
14d	1	Washer	3135304521
14e ○	1	O-ring FEP/Silicone	
14f	1	Holder	3135304531
14g ○	1	Seal ring, PTFE	

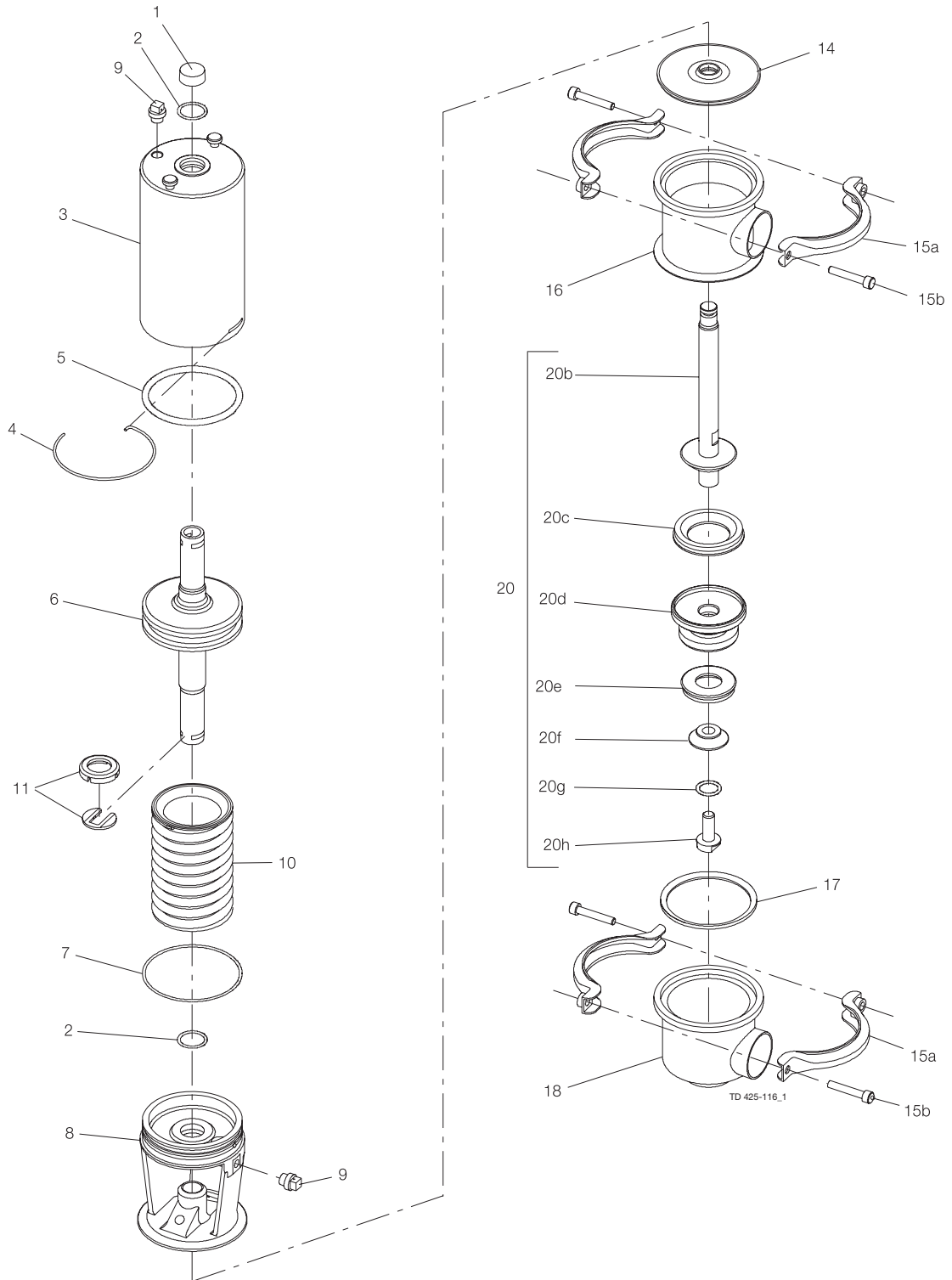
			DN 25
Pos	Qty	Denomination	25 mm
Valve body with 0.8 RA finish inside			
16	1	Valve body, upper, 1 port ISO	9612599103
	1	Valve body, upper, 1 port DIN	9612599203
	1	Valve body, upper, 2 ports DIN	9612599204
	1	Valve body, lower, 2 ports DIN	9612598803
	1	Valve body, lower, 3 ports ISO	9612598704
	1	Valve body, lower, 3 ports DIN	9612598804
Valve plug with 0.8 RA finish			
	1	Plug, double, complete NBR	9612600605
	1	Plug, double, complete FPM	9612600606
20b	1	Stem	3135310089
20d	1	Middle piece	9612600502
20f	1	Screw	

			DN 25
			25 mm
Service kit for actuator			
□		Service kit	9611920008
Service kit for product wetted parts, standard			
♦		Service kit EPDM	9611920542
♦		Service kit NBR	9611920543
♦		Service kit FPM	9611920544
Service kit for special lip seal			
○		Service kit EPDM	9611920545
○		Service kit NBR	9611920546
○		Service kit FPM	9611920547
○		Service kit FEP	9611920548

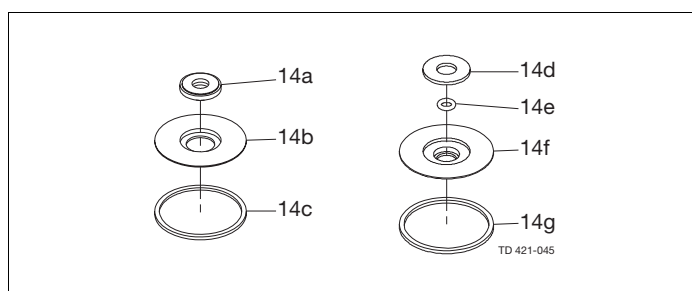
Parts marked with □●○ are included in the service kits.

Recommended spare parts: service kits.

Not manufactured anymore



Alternative stem seal



Special lip seal

Parts for FEP lip seal

Actuator

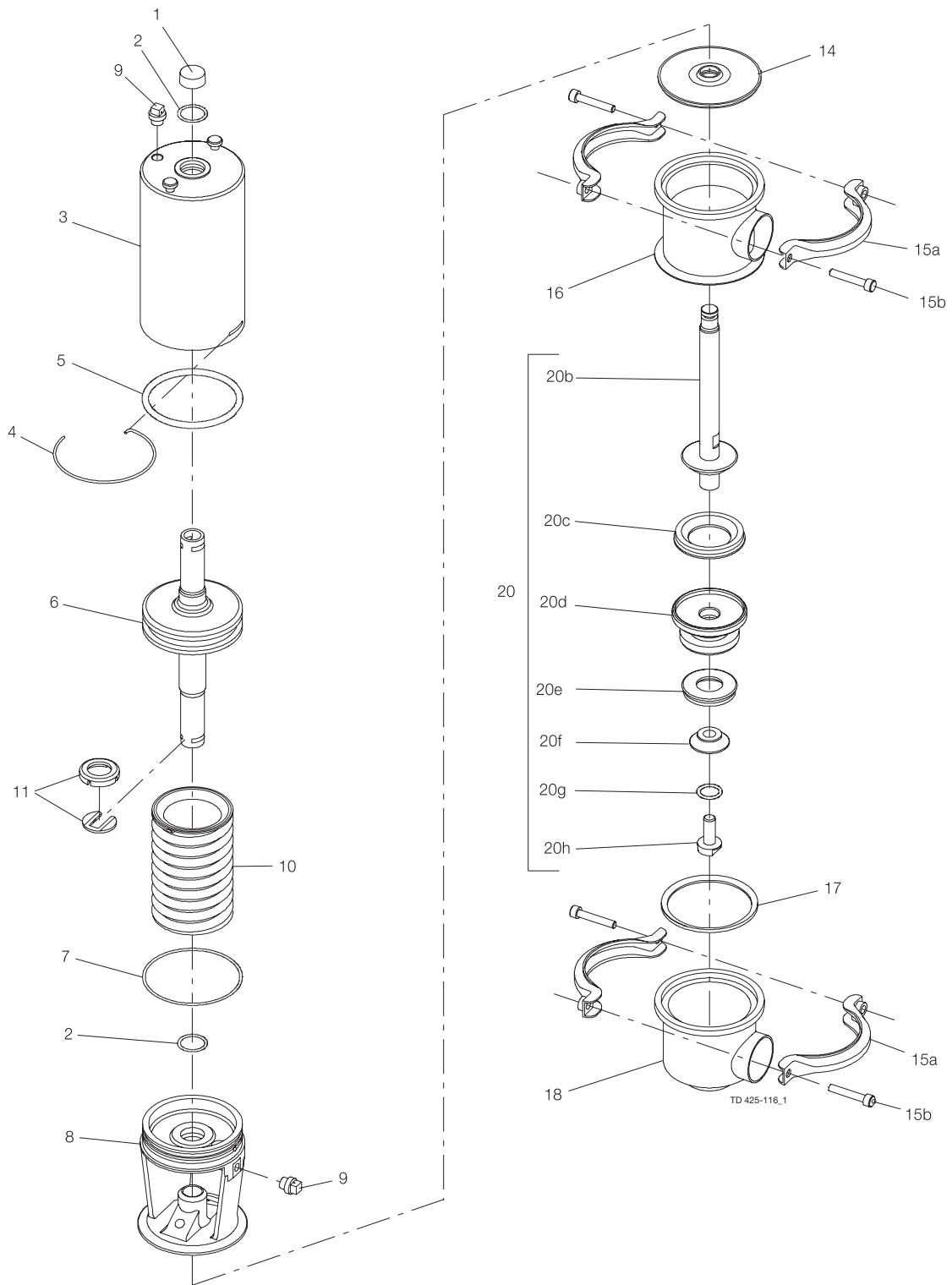
Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
		Actuator, -1, complete	3135302061	3135302061	3135302061	3135302141	3135302141	3135302141
		Actuator, -2, complete	3135302062	3135302062	3135302062	3135302142	3135302142	3135302142
		Actuator, -3, complete	3135302063	3135302063	3135302063	3135302143	3135302143	3135302143
1	1	Cap	3180105256	3180105256	3180105256	3180105255	3180105255	3180105255
2	□	O-ring						
3	1	Cylinder	3135301391	3135301391	3135301391	3135301851	3135301851	3135301851
4	□	Lock wire						
5	□	O-ring						
6	1	Piston, -1, -2	3135306211	3135306211	3135306211	3135306191	3135306191	3135306191
	1	Piston, -3	3135306212	3135306212	3135306212			
7	□	O-ring						22340617
8	1	Bonnet	3135301331	3135301331	3135301331	3135301901	3135301901	3135301901
9*	2	Plug						
10*	1	Spring assembly, standard (black)	3135306251	3135306251	3135306251	3135306221	3135306221	3135306221
	1	Spring assembly with extra strong spring (white)	3135306252	3135306252	3135306252	3135306222	3135306222	3135306222
11	□	Clip, complete (period 84.08-)	3135307931	3135307931	3135307931	3135307932	3135307932	3135307932
	1	Clip, (period 68.02 - 84.07)						

* Only for actuator -1 and -2.

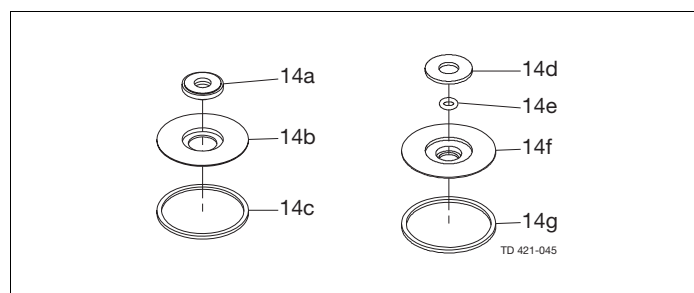
Valve body part

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
Stem seal								
14	♦	1 Lip seal, EPDM (std)						
		1 Lip seal, NBR						
		1 Lip seal, FPM						
Clamp								
15a+b	2	Clamps & screws (period 9209-)	3132000273	3132000273	3132000273	3132000272	3132000272	3132000272
15a	4	Clamp half (period -9209)						
15b	4	Screw (period -9209)						
Valve body								
16	1	Valve body, upper, 1 port ISO	3135300531	3135300541	3135300551	3135300561		3135300581
	1	Valve body, upper, 1 port DIN	9612094501	9612094601	9612094701		9612094801	9612094901
	1	Valve body, upper, 2 ports ISO	3135300536	3135300546	3135300556	3135300566		3135300586
	1	Valve body, upper, 2 ports DIN	9612094502	9612094602	9612094702		9612094802	9612094902
17	♦	1 Seal ring, EPDM (std)						
	1	Seal ring, NBR						
	1	Seal ring, FPM						
	1	Seal ring, PTFE						
18	1	Valve body, lower, 2 ports ISO	3135303751	3135303761	3135303801	3135303811		3135300261
	1	Valve body, lower, 2 ports DIN	9612094001	9612094101	9612094201		9612094301	9612094401
	1	Valve body, lower, 3 ports ISO	3135303756	3135303766	3135303806	3135303816		3135300266
	1	Valve body, lower, 3 ports DIN	9612094002	9612094102	9612094202		9612094302	9612094402
Valve plug								
20	1	Plug, double, comp. EPDM (std)	3135303351	3135303361	3135303371	3135303381	3135303384	3135303391
	1	Plug, double, comp. NBR		3135303362		3135303382		
20b	1	Stem	3135303491	3135303492	3135303493	3135303501	3135303503	3135303502
20c	♦	1 Plug seal, upper, EPDM (std)						
	1	Plug seal, upper, NBR						
	1	Plug seal, upper, FPM						
	1	Plug seal, upper, PTFE						
20d	1	Middle piece	3135303631	3135303641	3135303651	3135303661	9612098401	3135303671
20e	♦	1 Plug seal, lower, EPDM (std)						
	1	Plug seal, lower, NBR						
	1	Plug seal, lower, FPM						
	1	Plug seal, lower, PTFE						
20f	1	Washer	3135303571	3135303581	3135303591	3135303601	3135303602	3135303611
20g	♦	1 O-ring, EPDM (std)						
	1	O-ring, NBR						
	1	O-ring, FPM						
	1	O-ring, PTFE						
20h	1	Screw	3135303621	3135303621	3135303621	3135303621	3135303621	3135303621

Not manufactured anymore



Alternative stem seal



Special lip seal

Parts for FEP lip seal

Alternatives

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
Special actuator complete								
Stem seal								
14	1	Lip seal kit, EPDM (std)	9611920078	9611920078	9611920078	9611920142	9611920142	9611920142
	1	Lip seal kit, NBR	9611920079	9611920079	9611920079	9611920143	9611920143	9611920143
	1	Lip seal kit, FPM	9611920080	9611920080	9611920080	9611920144	9611920144	9611920144
14a ○	1	Lip seal, EPDM						
	1	Lip seal, NBR						
	1	Lip seal, FPM						
14b	1	Plate	9612280501	9612280501	9612280501	9612308701	9612308701	9612308701
14c ○	1	Seal ring, EPDM						
	1	Seal ring, NBR						
	1	Seal ring, FPM						
Stem seal								
14d	1	Washer	3135304521	3135304521	3135304521	3135304522	3135304522	3135304522
14e ○	1	O-ring FEP/silicone						
14f	1	Holder	3135304531	3135304531	3135304531	3135304541	3135304541	3135304541
14g ○	1	Seal ring, PTFE						
Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
Valve body with 0.8 RA finish inside								
16	1	Valve body, upper, 1 port ISO . .				3135300562		
	1	Valve body, upper, 1 port DIN . .	9612094503		9612094703		9612094803	9612094903
	1	Valve body, upper, 2 ports ISO . .						3135300583
	1	Valve body, upper, 2 ports DIN . .	9612094504	9612094604	9612094704		9612094804	
18	1	Valve body, lower, 2 ports ISO . .	3135303752		3135303802			
	1	Valve body, lower, 2 ports DIN . .	9612094003					
	1	Valve body, lower, 3 ports ISO . .						
	1	Valve body, lower, 3 ports DIN . .	9612094004		9612094204		9612094304	9612094404
Valve plug with 0.8 RA finish								
20	1	Plug, double, comp. EPDM (std) .				3135310981	3135310984	
	1	Plug, double, comp. NBR	3135310952	3135310962	3135310972	3135310982	3135310985	3135310992
	1	Plug, double, comp. FPM	3135310953	3135310963	3135310973	3135310983	3135310986	3135310993
20b	1	Stem	3135310081	3135310082	3135310083	3135310084		
20d	1	Middle piece	3135310091	3135310092			9612100906	3135310095
20f	1	Washer	3135310101	3135310102		3135310104	3135310106	
20h	1	Screw	3135310111	3135310111	3135310111	3135310111	3135310111	3135310111
Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm

Service kit for actuator

□ Service kit 9611920008 9611920008 9611920008 9611920009 9611920009 9611920009

Service kit for product wetted part, standard

♦ Service kit EPDM 9611920025 9611920028 9611920031 9611920034 9611920108 9611920037
 ♦ Service kit NBR 9611920026 9611920029 9611920032 9611920035 9611920109 9611920038
 ♦ Service kit FPM 9611920027 9611920030 9611920033 9611920036 9611920110 9611920039

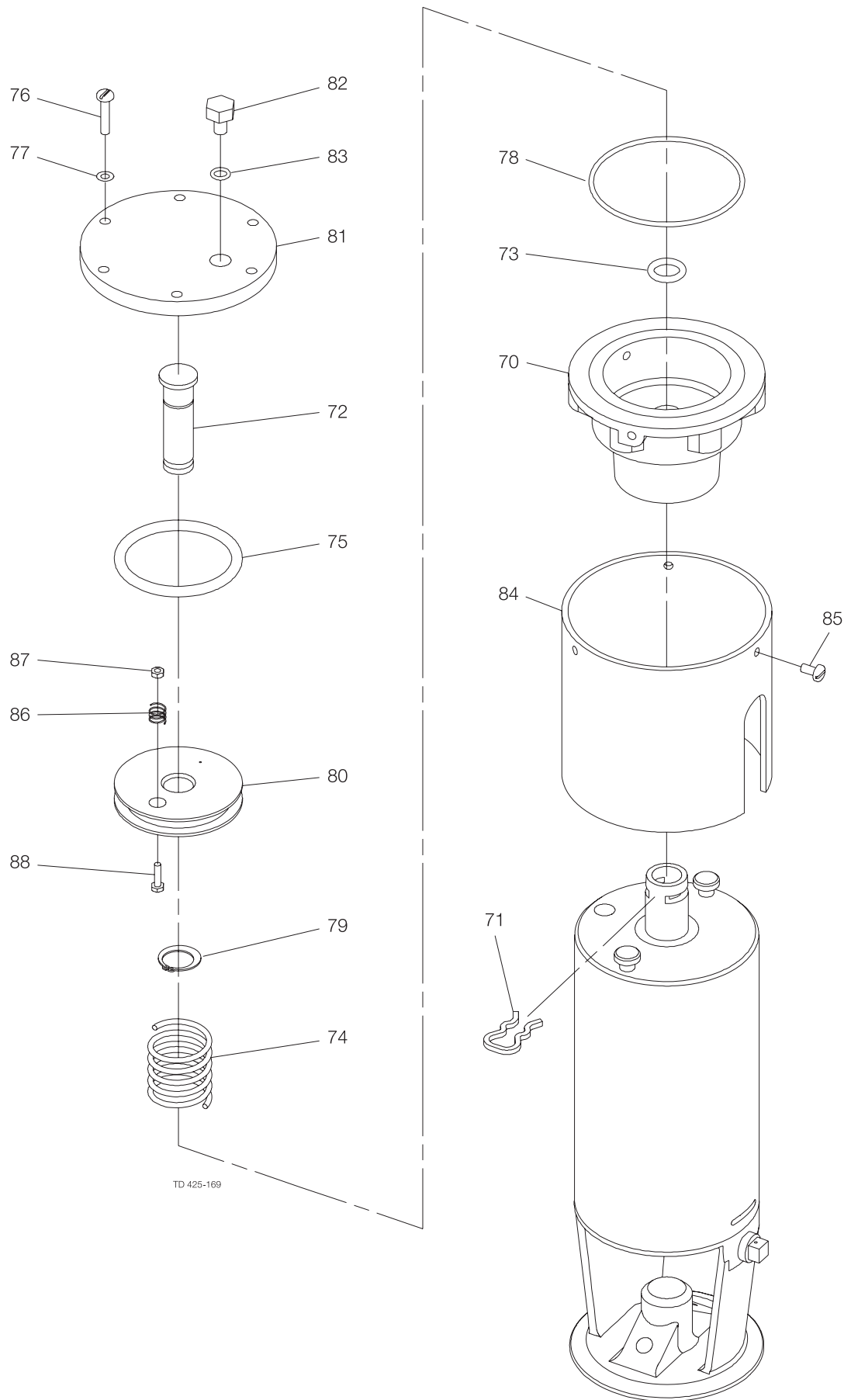
Service kit for special lip seal

○ Service kit EPDM 9611920471 9611920475 9611920479 9611920483 9611920487 9611920491
 ○ Service kit NBR 9611920472 9611920476 9611920480 9611920484 9611920488 9611920492
 ○ Service kit FPM 9611920473 9611920477 9611920481 9611920485 9611920489 9611920493
 ○ Service kit FEP 9611920474 9611920478 9611920482 9611920486 9611920490 9611920494

Parts marked with □♦○ are included in the service kits.

Recommended spare parts: service kits.

Not manufactured anymore

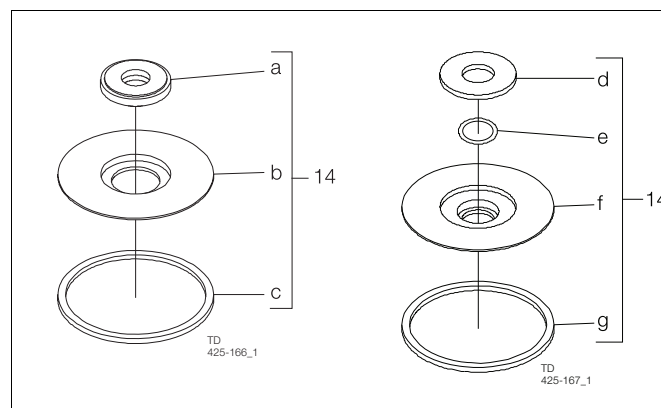
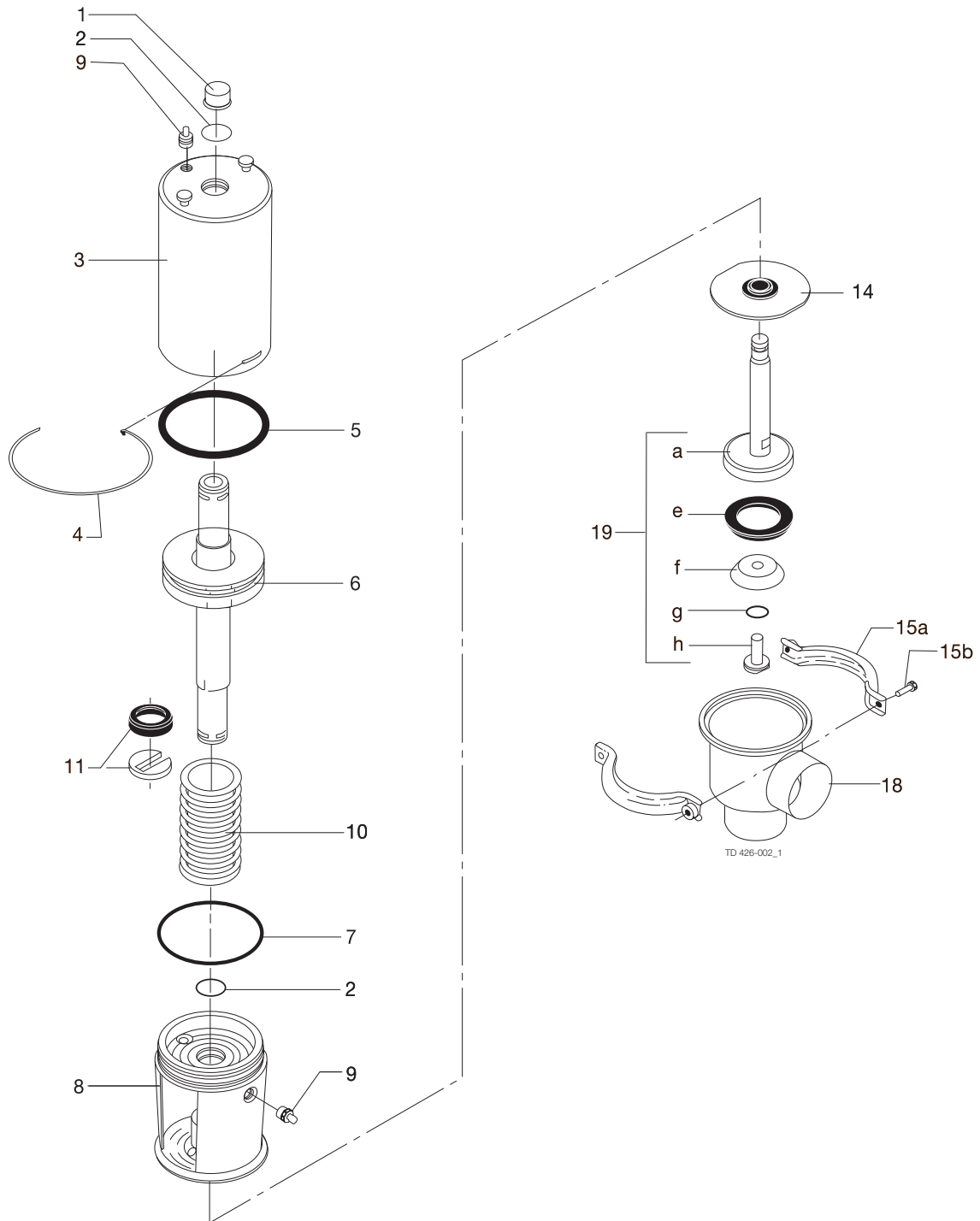


TD 425-169

Pos	Qty	Denomination	3135303952	3135303953
			38 - 63.5 mm	76 - 101.6 mm
70	1	Housing		
71	1	Clip		
72	1	Piston rod		
73	1	O-ring, NBR	22340433	22340433
74	1	Spring		
75	1	O-ring, NBR	42153	42153
76	6	Screw		
77	6	Washer		
78	1	O-ring, NBR	22340676	22340676
79	1	Lock ring	22364112	22364112
80	1	Piston		
81	1	Cover		
82	1	Plug		
83	1	O-ring	22340326	22340326
84	1	Protective hood		
85	3	Screw	22112148	22112148
86	1	Spring		
87	1	Nut		
88	1	Screw		

900096/2

Not manufactured anymore



Alternatives stem seal

Parts for FEP seal

Actuator

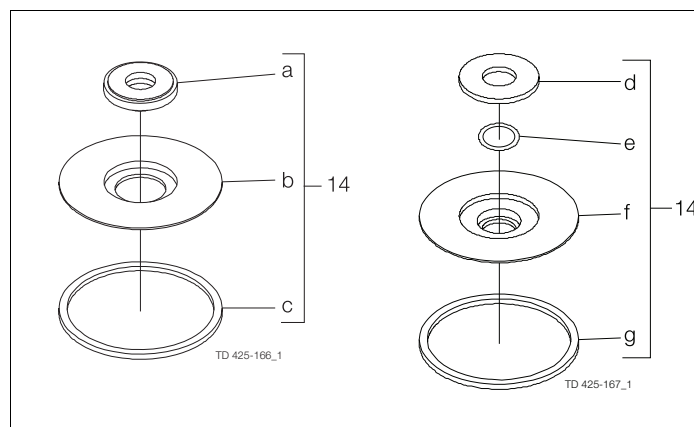
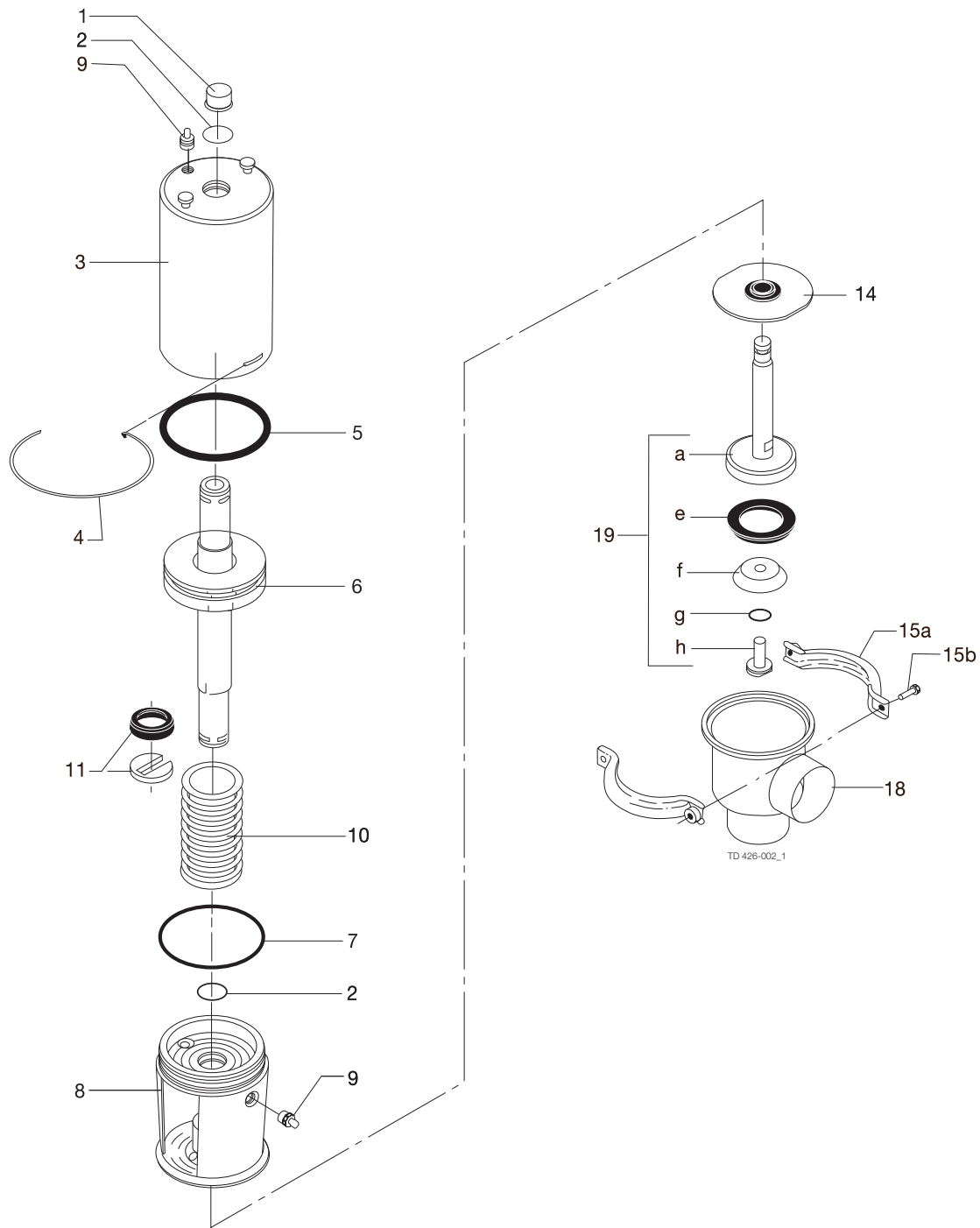
Pos	Qty	Denomination	DN 50 51 mm	DN 65 63.5 mm	76 mm	DN 80	DN 100 101.6 mm
		Actuator, -1, complete					
		Actuator, -2, complete					
		Actuator, -3, complete					
1	1	Cap	3180105256	3180105255	3180105255	3180105255	3180105255
2	□ 2	O-ring					
3	1	Cylinder					
4	□ 1	Lock wire					
5	□ 1	O-ring					
6	1	Piston		9612123001	9612123001	9612123001	9612123001
7	□ 1	O-ring					
9*	2	Plug					
10*	1	Spring assembly	9612124601	9612122901	9612122901	9612122901	9612122901
11	□ 1	Clip, compl	3135307931	3135307932	3135307932	3135307932	3135307932

* Only for actuator -1 and -2.

Valve body part

Pos	Qty	Denomination	DN 50 51 mm	DN 65 63.5 mm	76 mm	DN 80	DN 100 101.6 mm
Stem seal							
14	♦ 1	Lip seal, EPDM (standard)					
	1	Lip seal, NBR					
	1	Lip seal, FPM					
Clamp							
15a+b	1	Clamps and screws (period 9209-)	3132000271	3132000271	3132000272	3132000272	3132000272
15a	2	Clamp half (period -9209)					
15b	2	Screw (period -9209)					
Valve body							
18	1	Valve body, 2 ports ISO	3135303761	3135303801	3135303811		3135300261
	1	Valve body, 2 ports DIN	9612094101	9612094201		9612094301	9612094401
	1	Valve body, 3 ports ISO	3135303766	3135303806	3135303816		3135300266
	1	Valve body, 3 ports DIN	9612094102	9612094202		9612094302	9612094402
Valve plug							
	1	Plug, single,complete NBR	9612125504	9612125404	9612125304	9612125308	9612125204
	1	Plug, single,complete FPM				9612125309	
19a	1	Stem					9612125602
19e	♦○ 1	Plug seal, EPDM (standard)					
	1	Plug seal, NBR					
	1	Plug seal, FPM					
	1	Plug seal, PTFE					
19f	1	Washer	3135303581	3135303591	3135303601	3135303602	3135303611
19g	♦○ 1	O-ring, EPDM (standard)					
	1	O-ring, NBR					
	1	O-ring, FPM					
	1	O-ring, PTFE					
19h	1	Screw	3135303621	3135303621	3135303621	3135303621	3135303621

Not manufactured anymore



Alternatives

Pos	Qty	Denomination	DN 50	DN 65	76 mm	DN 80	DN 100
			51 mm	63.5 mm			101.6 mm
Stem seal							
14	1	Lip seal kit, EPDM (standard)	9611920078	9611920078	9611920142	9611920142	9611920142
	1	Lip seal kit, NBR	9611920079	9611920079	9611920143	9611920143	9611920143
	1	Lip seal kit, FPM	9611920080	9611920080	9611920144	9611920144	9611920144
14a	○	Lip seal, EPDM					
	1	Lip seal, NBR					
	1	Lip seal, FPM					
14b	1	Plate	9612280501	9612280501	9612308701	9612308701	9612308701
14c	○	Seal ring, EPDM					
	1	Seal ring, NBR					
	1	Seal ring, FPM					
Stem seal							
14d	1	Washer	3135304521	3135304521	3135304522	3135304522	3135304522
14e	○	O-ring FEP/Silicone					
14f	1	Holder	3135304531	3135304531	3135304541	3135304541	3135304541
14g	○	Seal ring, PTFE					
			DN 50	DN 65	76 mm	DN 80	DN 100
			51 mm	63.5 mm			101.6 mm

Service kit for actuator

□	Service kit	9611920008	9611920008	9611920009	9611920009	9611920009
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Service kit for product wetted parts, standard

◆	Service kit EPDM	9611920013	9611920016	9611920019	9611920105	9611920022
◆	Service kit NBR	9611920014	9611920017	9611920020	9611920106	9611920023
◆	Service kit FPM	9611920015	9611920018	9611920021	9611920107	9611920024

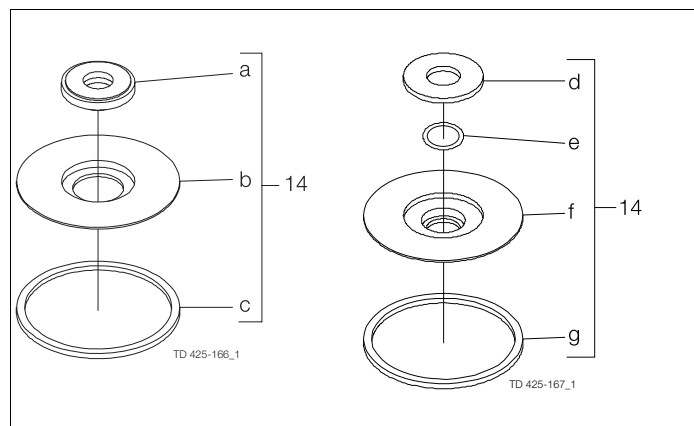
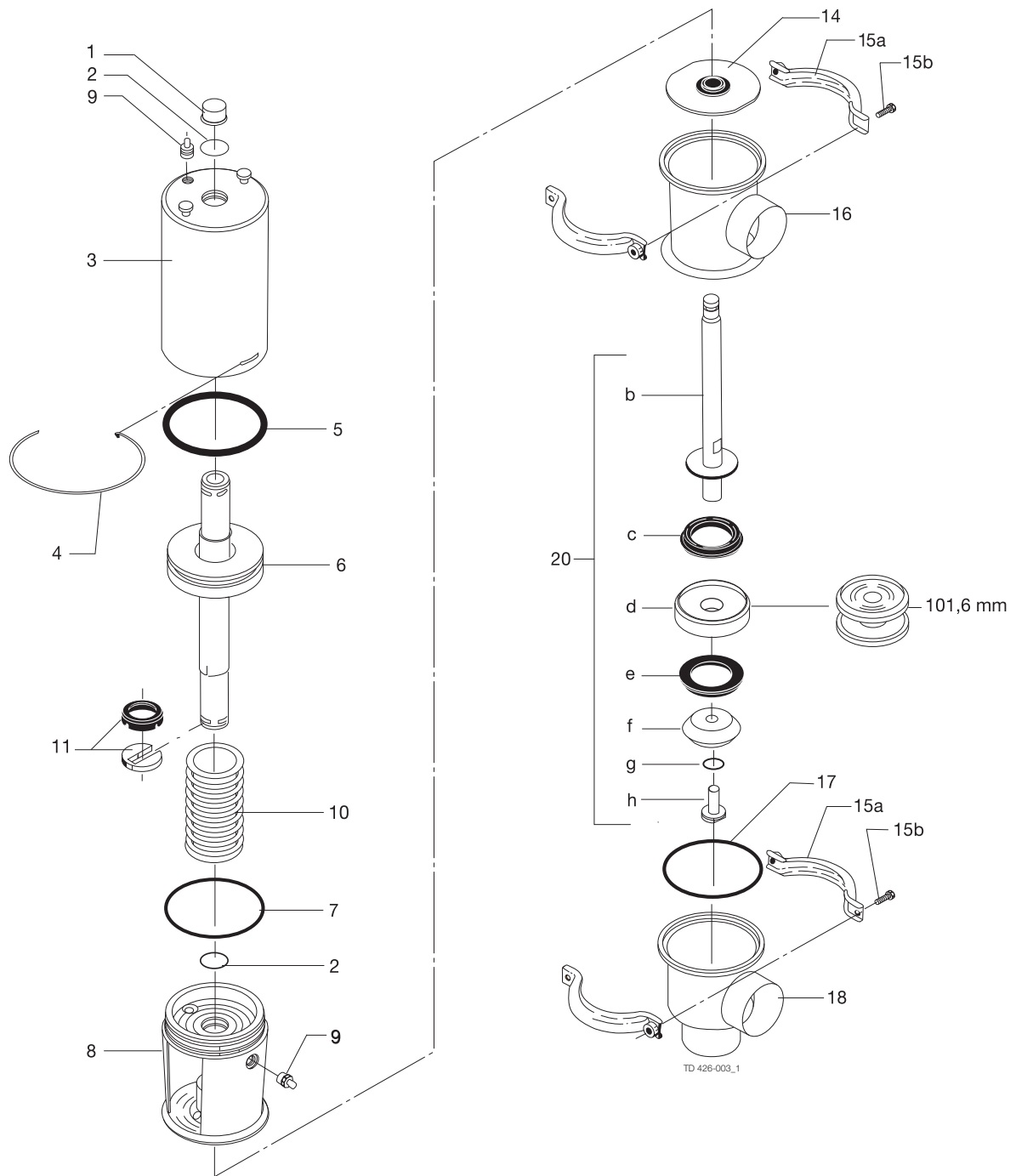
Service kit for special lip seal

○	Service kit EPDM	9611920451	9611920455	9611920459	9611920463	9611920467
○	Service kit NBR	9611920452	9611920456	9611920460	9611920464	9611920468
○	Service kit FPM	9611920453	9611920457	9611920461	9611920465	9611920469
○	Service kit FEP	9611920454	9611920458	9611920462	9611920466	9611920470

Parts marked with □◆○ are included in the service kits.

Recommended spare parts: service kits.

Not manufactured anymore



Alternatives stem seal

Parts for FEP seal

Actuator

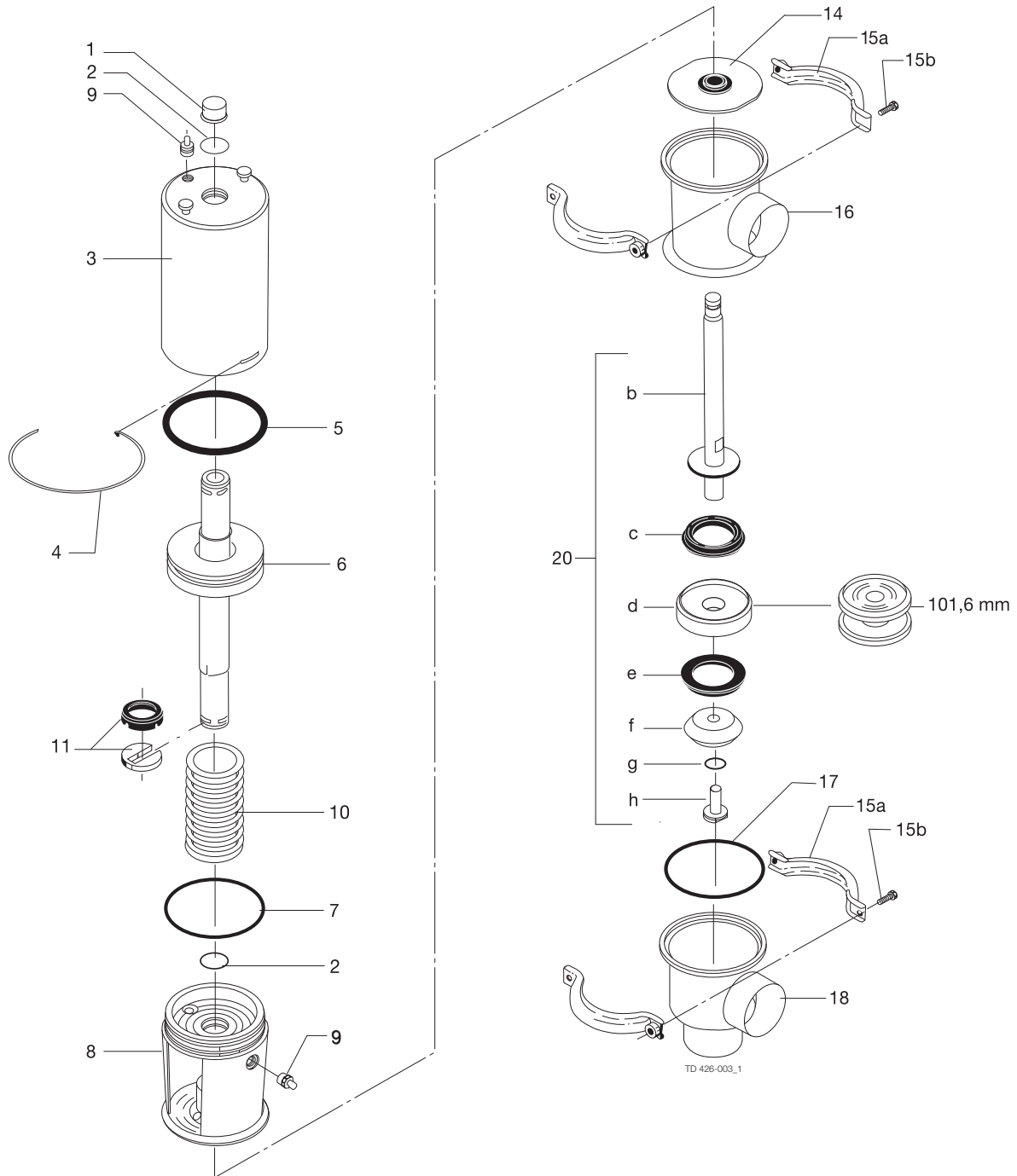
Pos	Qty	Denomination	DN 50 51 mm	DN 65 63.5 mm	76 mm	DN 80	DN 100 101.6 mm
		Actuator, -1, complete					
		Actuator, -2, complete					
		Actuator, -3, complete					
1	1	Cap	3180105256	3180105255	3180105255	3180105255	3180105255
2	□ 2	O-ring					
3	1	Cylinder					
4	□ 1	Lock wire					
5	□ 1	O-ring					
6	1	Piston		9612123001	9612123001	9612123001	9612123001
7	□ 1	O-ring					
9*	2	Plug					
10*	1	Spring assembly	9612124601	9612122901	9612122901	9612122901	9612122901
11	□ 1	Clip, compl	3135307931	3135307932	3135307932	3135307932	3135307932

* Only for actuator -1 and -2.

Valve body part

Pos	Qty	Denomination	DN 50 51 mm	DN 65 63.5 mm	76 mm	DN 80	DN 100 101.6 mm
Stem seal							
14	♦ 1	Lip seal, EPDM (standard)					
	1	Lip seal, NBR					
	1	Lip seal, FPM					
Clamp							
15a+b	2	Clamps and screws (period 9209-)	3132000271	3132000271	3132000272	3132000272	3132000272
15a	4	Clamp half (period -9209)					
15b	4	Screw (period -9209)					
Valve body							
16	1	Valve body, upper, 1 port ISO	3135300541	3135300551	3135300561		3135300581
	1	Valve body, upper, 1 port DIN	9612094601	9612094701		9612094801	9612094901
	1	Valve body, upper, 2 ports ISO	3135300546	3135300556	3135300566		3135300586
	1	Valve body, upper, 2 port DIN	9612094602	9612094702		9612094802	9612094902
17	♦○ 1	Seal ring, EPDM (standard)					
	1	Seal ring, NBR					
	1	Seal ring, FPM					
	1	Seal ring, PTFE					
18	1	Valve body, lower, 2 ports ISO	3135303761	3135303801	3135303811		3135300261
	1	Valve body, lower, 2 ports DIN	9612094101	9612094201		9612094301	9612094401
	1	Valve body, lower, 3 ports ISO	3135303766	3135303806	3135303816		3135300266
	1	Valve body, lower, 3 ports DIN	9612094102	9612094202		9612094302	9612094402

Not manufactured anymore



Alternatives stem seal

Parts for FEP seal

Valve body part

Pos	Qty	Denomination	DN 50 51 mm	DN 65 63.5 mm	76 mm	DN 80	DN 100 101.6 mm
Valve plug							
	1	Plug, double,complete NBR	9612120504	9612120604	9612120704	9612098602	9612120804
	1	Plug, double,complete FPM	9612120506	9612120606		9612098603	9612120806
20b	1	Stem	9612120902	9612121002	9612121103		9612121104
20c ♦○	1	Plug seal, upper EPDM (standard)					
	1	Plug seal, upper NBR					
	1	Plug seal, upper FPM					
	1	Plug seal, upper, PTFE					
20d	1	Middle piece		9612121501			
20e ♦○	1	Plug seal, lower, EPDM (standard)					
	1	Plug seal, lower, NBR					
	1	Plug seal, lower, FPM					
	1	Plug seal, lower, PTFE					
20f	1	Washer	9612123401	9612123301	9612122001		9612123201
20g ♦○	1	O-ring, EPDM (standard)					
	1	O-ring, NBR					
	1	O-ring, FPM					
	1	O-ring, PTFE					
20h	1	Screw	3135303621	3135303621	3135303621	3135303621	3135303621

Alternatives

Pos	Qty	Denomination	DN 50 51 mm	DN 65 63.5 mm	76 mm	DN 80	DN 100 101.6 mm
Stem seal							
14	1	Lip seal kit, EPDM (standard)	9611920078	9611920078	9611920142	9611920142	9611920142
	1	Lip seal kit, NBR	9611920079	9611920079	9611920143	9611920143	9611920143
	1	Lip seal kit, FPM	9611920080	9611920080	9611920144	9611920144	9611920144
14a ○	1	Lip seal, EPDM					
	1	Lip seal, NBR					
	1	Lip seal, FPM					
14b	1	Plate	9612280501	9612280501	9612308701	9612308701	9612308701
14c ○	1	Seal ring, EPDM					
	1	Seal ring, NBR					
	1	Seal ring, FPM					
	1	Seal ring, PTFE					
Stem seal							
14d	1	Washer	3135304521	3135304521	3135304522	3135304522	3135304522
14e ○	1	O-ring FEP/Silicone					
14f	1	Holder	3135304531	3135304531	3135304541	3135304541	3135304541
14g ○	1	Seal ring, PTFE					
Pos	Qty	Denomination	DN 50 51 mm	DN 65 63.5 mm	76 mm	DN 80	DN 100 101.6 mm

Service kit for actuator

□	Service kit	9611920008	9611920008	9611920009	9611920009	9611920009
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Service kit for product wetted parts, standard

♦	Service kit EPDM	9611920028	9611920031	9611920034	9611920108	9611920037
♦	Service kit NBR	9611920029	9611920032	9611920035	9611920109	9611920038
♦	Service kit FPM	9611920030	9611920033	9611920036	9611920110	9611920039

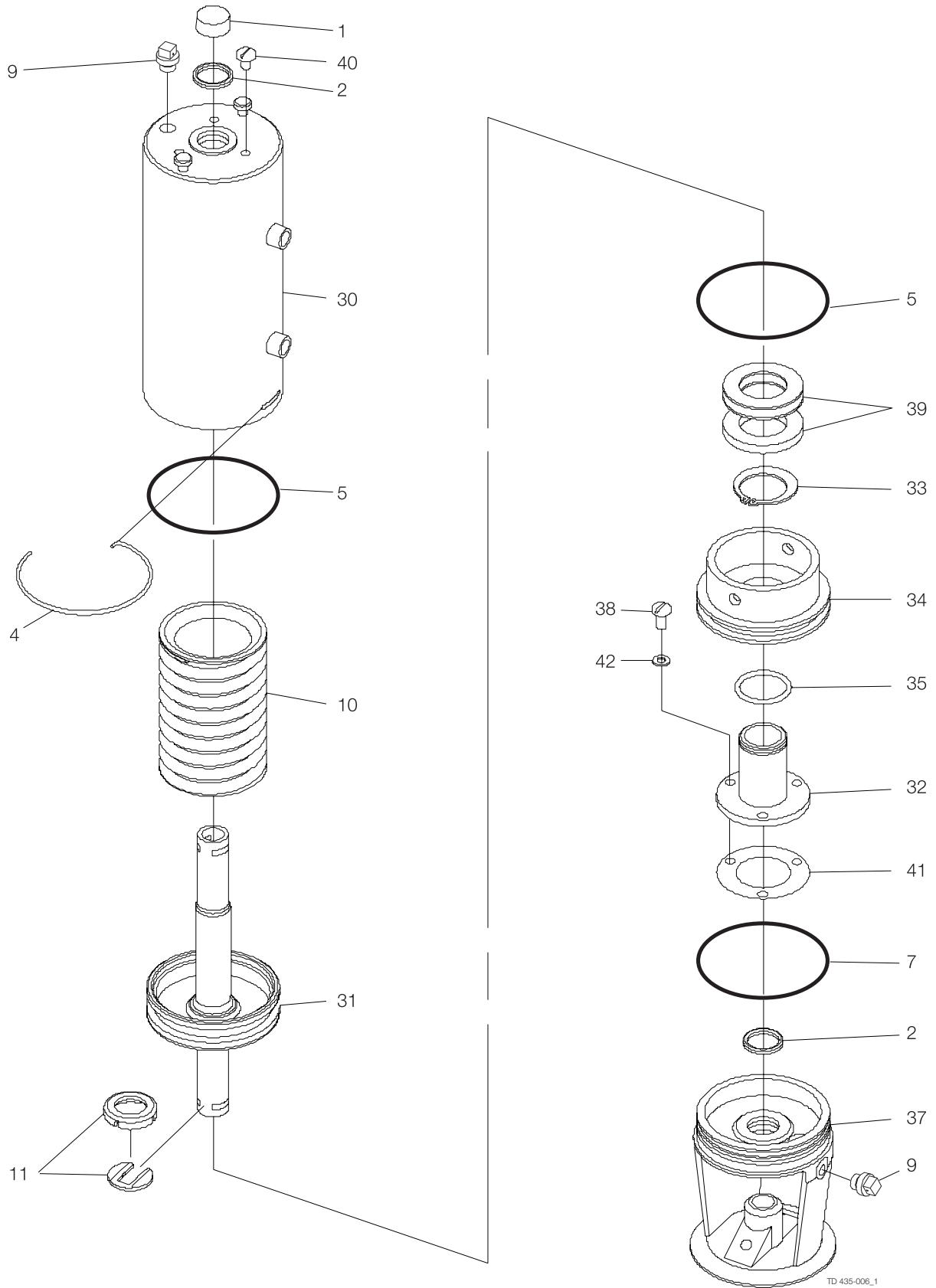
Service kit for special lip seal

○	Service kit EPDM	9611920475	9611920479	9611920483	9611920487	9611920491
○	Service kit NBR	9611920476	9611920480	9611920484	9611920488	9611920492
○	Service kit FPM	9611920477	9611920481	9611920485	9611920489	9611920493
○	Service kit FEP	9611920478	9611920482	9611920486	9611920490	9611920494

Parts marked with □♦○ are included in the service kits.

Recommended spare parts: service kits.

Not manufactured anymore



TD 435-006_1

Valve body parts: see parts list for standard valve

Pos	Qty	Denomination	38 - 63.5 mm	76 - 101.6 mm
		Actuator, -7, complete	3135304472	
1	1	Cap	3180105256	3180105255
2	2	O-ring		
4	1	Lock wire		
5	2	O-ring		
7	1	O-ring		
9	2	Plug		
10	1	Spring assembly, standard (black)	3135306251	3135306221
	1	Spring assembly, with extra strong spring (white)	3135306252	3135306222
11	1	Clip, complete (period 84.08 -)	3135307931	3135307932
	1	Clip, (period 68.02 - 84.07)		
30	1	Cylinder	3135304291	3135304301
31	1	Piston	3135306213	
33	1	Lock ring		
	1	Piston for intermediate position, (in connection with piston for seeger-ring) (period -83.03)		
35	1	O-ring		
	1	Bonnet, (aseptic version)		3135304242
38	3-4*	Screw	22113103	22113602
39	1	Spacer ring for TS, (6 mm)	3135304881	
	1	Spacer ring for TS, (7 mm)		3135304891
	3-4*	Spacer ring for TS, (1.5 mm)	3135304882	3135304892
40	3-4*	Plastic screw	9611991372	9611991371
41	1	Packing		
42	3-4*	Fibre washer		

38 - 63.5 mm 76 - 101.6 mm

Service kit for product wetted parts

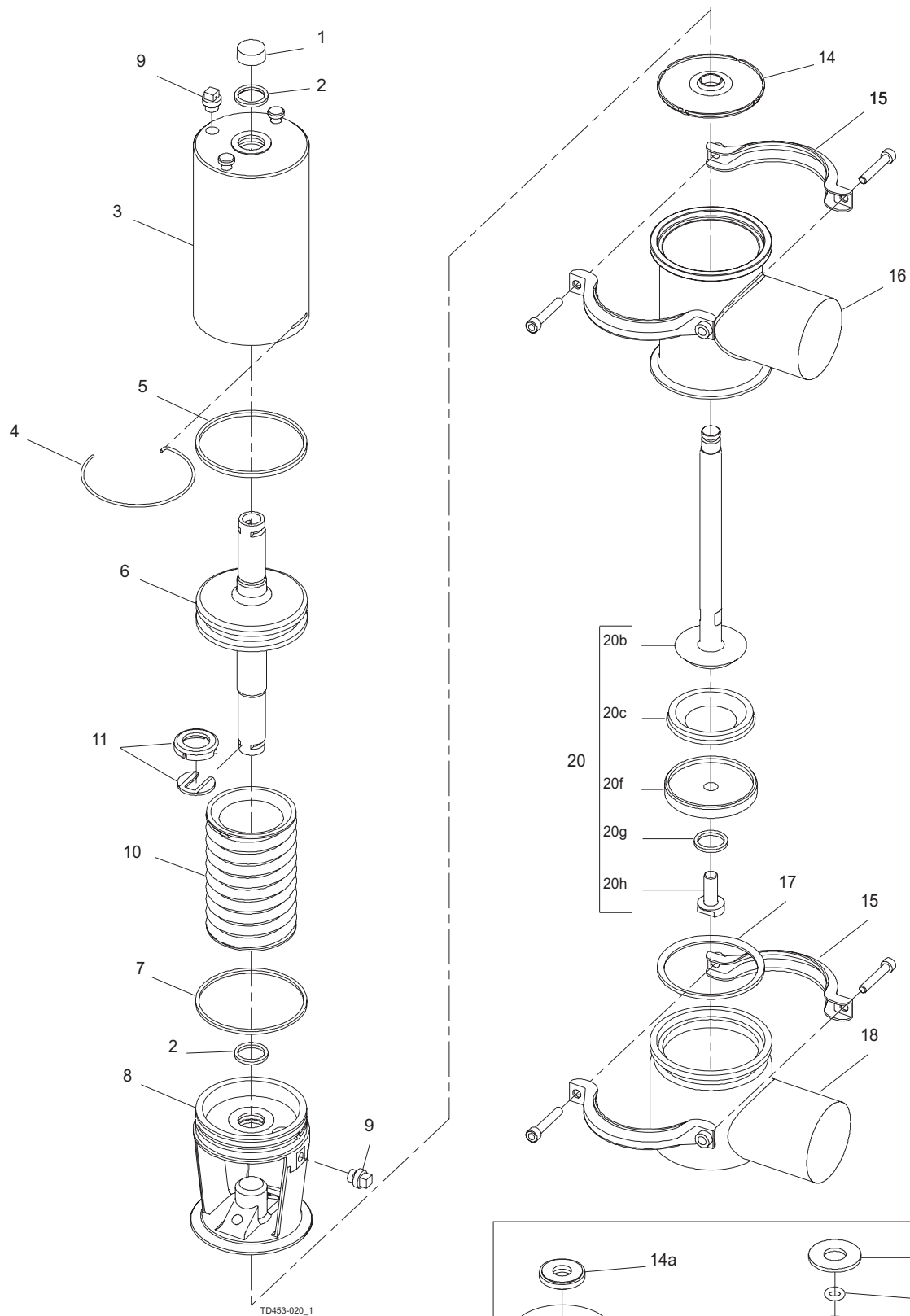
□	Service kit	9611920111	9611920112
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* Quantity 4 is valid for 76-101.6 mm

Parts marked with □ are included in the service kits.

Recommended spare parts: service kits.

Not manufactured anymore



TD453-020_1

Alternatives stem seal

Parts for FEP seal

Actuator

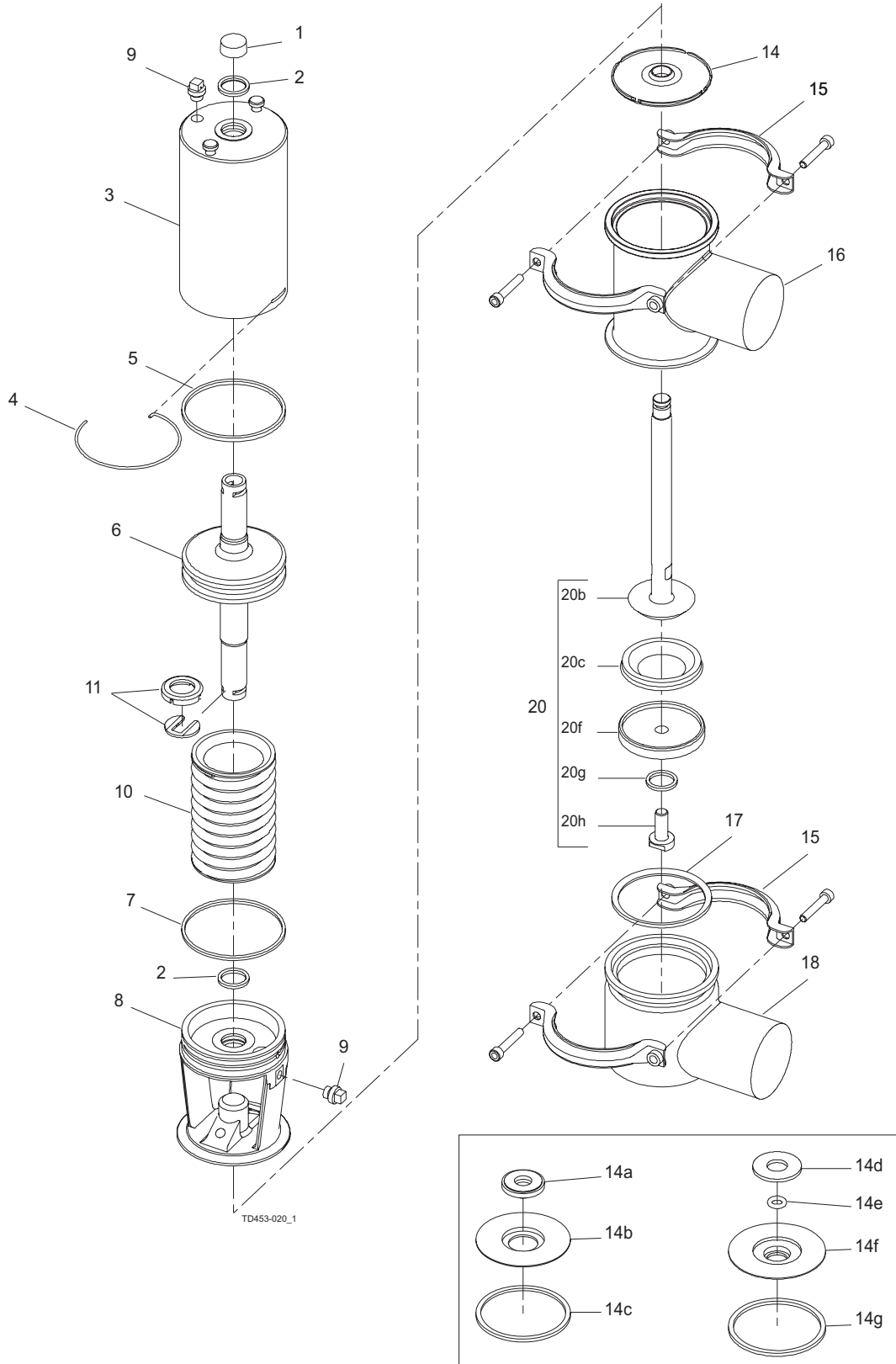
Pos	Qty	Denomination	DN 40 DN/OD 38	DN 50 DN/OD 51	DN 65 DN/OD 63,5	DN 80 DN/OD 76	DN 100 DN/OD 101,6
		Actuator, -1, complete	3135302061	3135302061	3135302061	3135302141	3135302141
		Actuator, -2, complete	3135302062	3135302062	3135302062	3135302142	3135302142
		Actuator, -3, complete	3135302063	3135302063	3135302063	3135302143	3135302143
1	1	Cap	3180105256	3180105256	3180105256	3180105255	3180105255
2	□ 2	O-ring					
3	1	Cylinder	3135301391	3135301391	3135301391	3135301851	3135301851
4	□ 1	Lock Wire					
5	□ 1	O-ring					
6	1	Piston, -1, -2	3135306211	3135306211	3135306211	3135306191	3135306191
	1	Piston, -3	3135306212	3135306212	3135306212		
7	□ 1	O-ring					
8	1	Bonnet	3135301331	3135301331	3135301331	3135301901	3135301901
9*	2	Plug					
10*	1	Spring assembly, standard (black)	3135306251	3135306251	3135306251	3135306221	3135306221
10	1	Spring assembly, with extra strong spring (white)	3135306252	3135306252	3135306252	3135306222	3135306222
11	□ 1	Clip, complete	3135307931	3135307931	3135307931	3135307932	3135307932

* Only for actuator -1 and -2.

Valve body part

Pos	Qty	Denomination	DN 40 DN/OD 38	DN 50 DN/OD 51	DN 65 DN/OD 63,5	DN 80 DN/OD 76	DN 100 DN/OD 101,6
Stem seal							
14	♦ 1	Lip seal, EPDM (standard)					
	1	Lip seal, NBR					
	1	Lip seal, FPM					
Clamp							
15	2	Clamps and screws	3132000273	3132000273	3132000273	3132000272	3132000272
Valve body							
16	1	Valve body, upper, 1 port ISO	3135300531	3135300541	3135300551	3135300561	3135300581
	1	Valve body, upper, 1 port DIN	9612094501	9612094601	9612094701	9612094801	9612094901
	1	Valve body, upper, 2 ports ISO	3135300536	3135300546	3135300556	3135300566	3135300586
	1	Valve body, upper, 2 ports DIN	9612094502	9612094602	9612094702	9612094802	9612094902
17	♦ 1	Seal ring, EPDM (standard)					
	1	Seal ring, NBR					
	1	Seal ring, FPM					
	1	Seal ring, PTFE					
18	1	Valve body, lower, 1 ports ISO	3135305821	3135305831	3135305841	3135305841	3135305861
	1	Valve body, lower, 1 ports DIN	9612322101	9612322201	9612322301	9612322401	9612322501
	1	Valve body, lower, 2 ports ISO	3135305822	3135305832	3135305842	3135305852	3135305862
	1	Valve body, lower, 2 ports DIN	9612322102	9612322202	9612322302	9612322402	9612322501
Valve plug							
20	1	Plug, complete EPDM (standard)		3135305731			
	1	Plug, complete NBR	3135305712	3135305732		3135305752	3135305762
	1	Plug, complete FPM	3135305713	3135305733	3135305743	3135305753	3135305763
20b	1	Stem	3135305691	3135305692	3135305693	3135305701	3135305702
20c	♦ 1	Plug seal, upper, EPDM (standard)					
	1	Plug seal, upper, NBR					
	1	Plug seal, upper, FPM					
	1	Plug seal, upper, PTFE					
20f	1	Washer					3135305671
20g	♦ 1	O-ring, EPDM (standard)	99003401	99003401	99003401	99003401	99003401
	1	O-ring, NBR	22340421	22340421	22340421	22340421	22340421
	1	O-ring, FPM	22340435	22340435	22340435	22340435	22340435
	1	O-ring, PTFE	9612433001	9612433001	9612433001	9612433001	9612433001
20h	1	Screw	3135303621	3135303621	3135303621	3135303621	3135303621

Not manufactured anymore



Alternatives stem seal

Parts for FEP seal

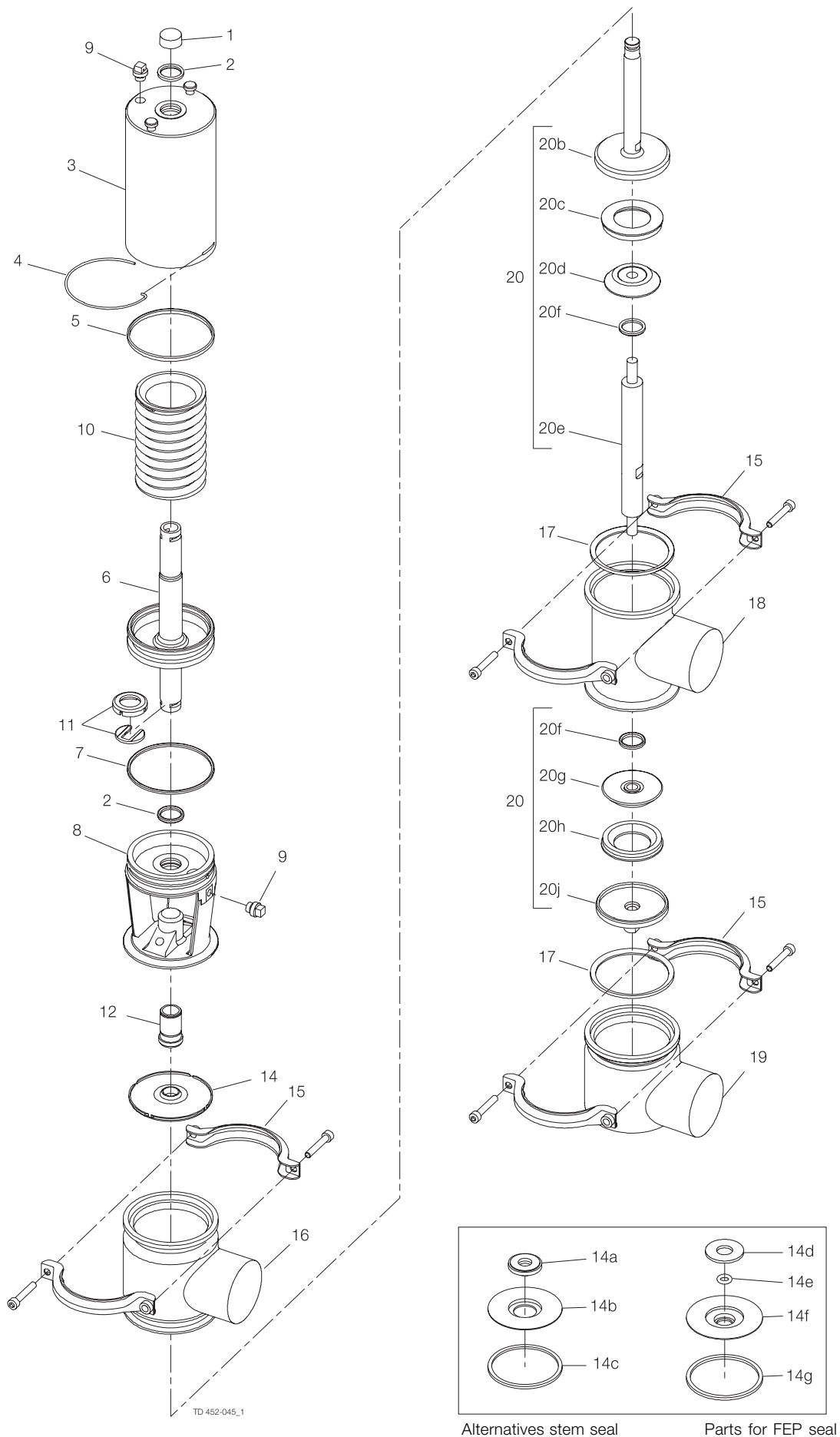
Alternatives

Pos	Qty	Denomination	DN 40 DN/OD 38	DN 50 DN/OD 51	DN 65 DN/OD 63,5	DN 80 DN/OD 76	DN 100 DN/OD 101,6
Stem seal							
14	1	Lip seal kit, EPDM (standard)	9611920078	9611920078	9611920078	9611920142	9611920142
	1	Lip seal kit, NBR	9611920079	9611920079	9611920079	9611920143	9611920143
	1	Lip seal kit, FPM	9611920080	9611920080	9611920080	9611920144	9611920144
14a ○	1	Lip seal, EPDM					
	1	Lip seal, NBR					
	1	Lip seal, FPM					
14b	1	Plate	9612280501	9612280501	9612280501	9612308701	9612308701
14c ○	1	Seal ring, EPDM					
	1	Seal ring, NBR					
	1	Seal ring, FPM					
Stem seal							
14d	1	Washer	3135304521	3135304521	3135304521	3135304522	3135304522
14e ○	1	O-ring FEP/Silicone					
14f	1	Holder	3135304531	3135304531	3135304531	3135304541	3135304541
14g ○	1	Seal ring, PTFE					
Pos	Qty	Denomination	DN 40 DN/OD 38	DN 50 DN/OD 51	DN 65 DN/OD 63,5	DN 80 DN/OD 76	DN 100 DN/OD 101,6
Valve body with 0.8 RA finish inside							
16	1	Valve body, upper, 1 port ISO				3135300562	
	1	Valve body, upper, 1 port DIN	9612094503		9612094703	9612094803	9612094903
	1	Valve body, upper, 2 ports ISO					3135300583
	1	Valve body, upper, 2 ports DIN	9612094504	9612094604	9612094704	9612094804	
18	1	Valve body, lower, 1 ports ISO	3135305827	3135305837	3135305847	3135305857	3135305867
	1	Valve body, lower, 1 ports DIN	9612322103	9612322203	9612322303	9612322403	9612322503
	1	Valve body, lower, 2 ports ISO	3135305828	3135305838	3135305848	3135305858	3135305868
	1	Valve body, lower, 2 ports DIN	9612322104	9612322204	9612322304	9612322404	9612322504
Valve plug with 0.8 RA finish							
20	1	Plug, complete EPDM (standard)	3135305714	3135305734		3135305754	3135305764
	1	Plug, complete NBR	3135305715	3135305735	3135305745	3135305755	3135305765
	1	Plug, complete FPM	3135305716	3135305736	3135305746	3135305756	3135305766
20b	1	Stem	3135305694			3135305704	3135305704
20f	1	Washer	3135305642	3135305642	3135305652	3135305662	3135305672
20h	1	Screw	3135310111	3135310111	3135310111	3135310111	3135310111
Pos	Qty	Denomination	DN 40 DN/OD 38	DN 50 DN/OD 51	DN 65 DN/OD 63,5	DN 80 DN/OD 76	DN 100 DN/OD 101,6
Service kit for actuator							
□		Service kit	9611920008	9611920008	9611920008	9611920009	9611920009
Service kit for product wetted parts, standard							
♦		Service kit EPDM	9611920518	9611920518	9611920521	9611920524	9611920527
♦		Service kit NBR	9611920519	9611920519		9611920525	9611920528
♦		Service kit FPM	9611920520	9611920520		9611920526	
Service kit for special lip seal							
○		Service kit EPDM	9611920971	9611920975	9611920979	9611920983	9611920987
○		Service kit NBR	9611920972	9611920976	9611920980	9611920984	9611920988
○		Service kit FPM	9611920973	9611920977	9611920981	9611920985	9611920989
○		Service kit FEP	9611920974	9611920978	9611920982	9611920986	9611920990

Parts marked with □♦○ are included in the service kits.

Recommended spare parts: Service kits.

Not manufactured anymore



Actuator

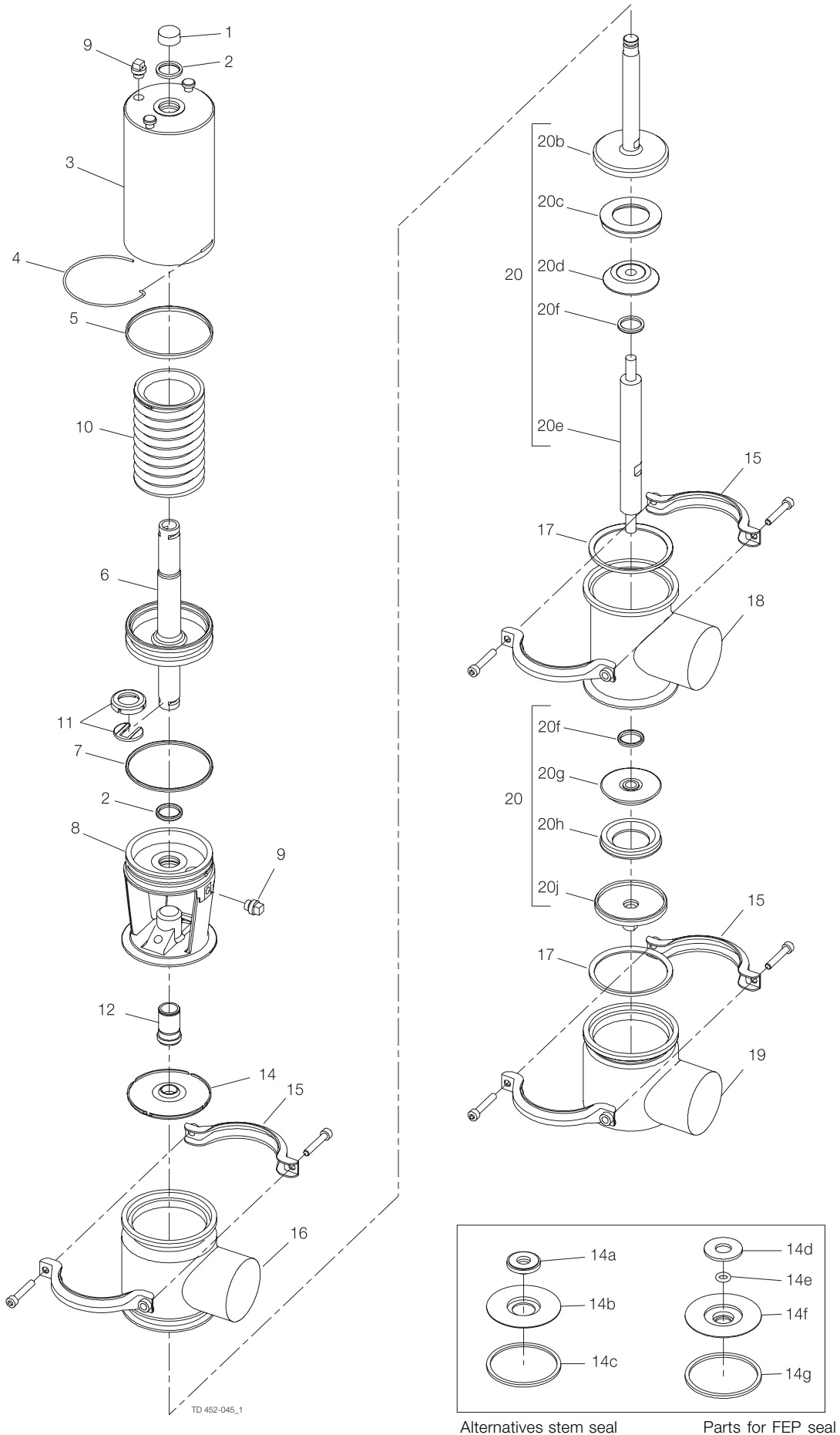
Pos	Qty	Denomination	DN 50	DN 65	DN/OD 76	DN 80	DN 100
			DN/OD 51	DN/OD 63.5			DN/OD 101.6
1	1	Cap	3180105256	3180105256	3180105255	3180105255	3180105255
2	□ 2	O-ring					
3	1	Cylinder	3135301391	3135301391	3135301851	3135301851	3135301851
4	□ 1	Lock Wire					
5	□ 1	O-ring					
6	1	Piston, -1, -2	3135306211	3135306211	3135306191	3135306191	3135306191
	1	Piston, -3	3135306212	3135306212			
7	1	O-ring	9611990396	9611990396	22340617	22340617	22340617
8	1	Bonnet	9612359101	9612359101	9612359201	9612359201	9612359201
9*	2	Plug					
10*	1	Spring assembly, standard (black)	3135306251	3135306251	3135306221	3135306221	3135306221
	1	Spring assembly, with extra strong spring (white)	3135306252	3135306252	3135306222	3135306222	3135306222
11	□ 1	Clip, complete	3135307931	3135307931	3135307932	3135307932	3135307932
12	□	Guide ring					

* Only for actuator -1 and -2.

Valve body part

Pos	Qty	Denomination	DN 50	DN 65	DN/OD 76	DN 80	DN 100
			DN/OD 51	DN/OD 63.5			DN/OD 101.6
Stem seal							
14	♦ 1	Lip seal, EPDM (standard)					
	1	Lip seal, HNBR					
	1	Lip seal, FPM					
Clamp							
15	2	Clamps and screws	3132000273	3132000273	3132000272	3132000272	3132000272
Valve body							
16	1	Valve body, upper, 1 port ISO	9612616101				
	1	Valve body, upper, 1 port DIN					
	1	Valve body, upper, 2 ports ISO	9612616102		9612616502		9612577902
	1	Valve body, upper, 2 ports DIN	9612616202	9612616302		9612616602	9612616402
17	♦ 2	Seal ring, EPDM (standard)					
	2	Seal ring, NBR					
	2	Seal ring, FPM					
	2	Seal ring, PTFE					
18	1	Valve body, middle, 1 port ISO	3135300541	3135300551	3135300561		3135300581
	1	Valve body, middle, 1 port DIN	9612094601	9612094701		9612094801	9612094901
	1	Valve body, middle, 2 ports ISO	3135300546	3135300556	3135300566		3135300586
	1	Valve body, middle, 2 ports DIN	9612094602	9612094702		9612094802	9612094802
19	1	Valve body, lower, 1 ports ISO	3135305831	3135305841	3135305851		3135305861
	1	Valve body, lower, 1 ports DIN	9612322201	9612322301		9612322401	9612322501
	1	Valve body, lower, 2 ports ISO	3135305832	3135305842	3135305852		3135305862
	1	Valve body, lower, 2 ports DIN	9612322202	9612322302		9612322402	9612322502
Valve plug							
20	1	Plug, complete EPDM (standard)		9612649002			
	1	Plug, complete NBR		9612649007	9612649008	9612649009	9612649010
	1	Plug, complete FPM	9612649011			9612649014	9612649015
20b	1	Stem upper	3135303772	3135303782	3135303413	9612629801	3135303792
20c	♦ 1	Plug seal, upper, EPDM (standard)					
	1	Plug seal, upper, NBR					
	1	Plug seal, upper, FPM					
	1	Plug seal, upper, PTFE					
20d	1	Washer upper	3135303581	3135303591	3135303601	3135303601	3135303611
20e	1	Middle stem	9612578301	9612578302	9612578304	9612578303	9612578305
20f	♦ 2	O-ring, EPDM (standard)					
	2	O-ring, NBR					
	2	O-ring, FPM					
	2	O-ring, PTFE					
20g	1	Washer lower	3135303581	9612584901	3135303601	3135303601	3135303611
20h	♦ 1	Plug seal, lower, EPDM (standard)					
	1	Plug seal, lower, NBR					
	1	Plug seal, lower, FPM					
	1	Plug seal, lower, PTFE					
20j	1	Lower stem	9612578501	9612578502	9612578503	9612578503	9612578504

Not manufactured anymore



Alternatives

Pos	Qty	Denomination	DN 50 DN/OD 51	DN 65 DN/OD 63.5	DN/OD 76	DN 80	DN 100 DN/OD 101.6
Stem seal							
14	1	Lip seal kit, EPDM (standard)	9611920078	9611920078	9611920142	9611920142	9611920142
	1	Lip seal kit, NBR	9611920079	9611920079	9611920143	9611920143	9611920143
	1	Lip seal kit, FPM	9611920080	9611920080	9611920144	9611920144	9611920144
14a ○	1	Lip seal, EPDM					
	1	Lip seal, NBR					
	1	Lip seal, FPM					
14b	1	Plate	9612280501	9612280501	9612308701	9612308701	9612308701
14c ○	1	Seal ring, EPDM					
	1	Seal ring, NBR					
	1	Seal ring, FPM					
Stem seal							
14d	1	Washer	3135304521	3135304521	3135304522	3135304522	3135304522
14e ○	1	O-ring FEP/Silicone					
14f	1	Holder	3135304531	3135304531	3135304541	3135304541	3135304541
14g ○	1	Seal ring, PTFE					
Pos	Qty	Denomination	DN 50 DN/OD 51	DN 65 DN/OD 63.5	DN/OD 76	DN 80	DN 100 DN/OD 101.6
Valve body with 0.8 RA finish inside							
16	1	Valve body, upper, 1 port ISO	9612616103	9612577803	9612616503		9612577903
	1	Valve body, upper, 1 port DIN	9612616203	9612616303		9612616603	9612616403
	1	Valve body, upper, 2 ports ISO	9612616104	9612577804	9612616504		9612577904
	1	Valve body, upper, 2 ports DIN	9612616204	9612616303		9612616604	9612616404
18	1	Valve body, middle, 1 port ISO			3135300562		
	1	Valve body, middle, 1 port DIN		9612094703		9612094803	9612094903
	1	Valve body, middle, 2 ports ISO					3135300583
	1	Valve body, middle, 2 ports DIN	9612094604	9612094704		9612094804	
19	1	Valve body, lower, 2 ports ISO	3135305837	3135305847	3135305857		3135305867
	1	Valve body, lower, 2 ports DIN	9612322203	9612322303		9612322403	9612322503
	1	Valve body, lower, 3 ports ISO	3135305838	3135305848	3135305858		3135305868
	1	Valve body, lower, 3 ports DIN	9612322204	9612322304		9612322404	9612322504
Valve plug with 0.8 RA finish							
20		Plug, complete EPDM (standard)	9612649801	9612649802	9612649803	9612649804	9612649805
		Plug, complete NBR	9612649806	9612649807	9612649808	9612649809	9612649810
		Plug, complete FPM	9612649811	9612649812	9612649813	9612649814	9612649815
20b	1	Stem upper		3135310073	3135310074	9612629802	
20d	1	Washer upper	3135310102		3135310104	3135310104	
20e	1	Middle stem	9612578306	31353578307	9612578308	9612578309	9612578310
20g	1	Washer lower	3135310102	9612584902	3135310104	961210104	
20j	1	Stem lower	9612578505	9612578506	9612578507	9612578507	9612578508
Pos	Qty	Denomination	DN 50 DN/OD 51	DN 65 DN/OD 63.5	DN/OD 76	DN 80	DN 100 DN/OD 101.6

Service kit for actuator

□ Service kit 9611920969 9611920969 9611920970 9611920970 9611920970

Service kit for product wetted parts, standard

♦ Service kit EPDM 9611920934 9611920937 9611920940 9611920940 9611920946
 ♦ Service kit NBR 9611920935 9611920938 9611920941 9611920941 9611920947
 ♦ Service kit FPM 9611920936 9611920939 9611920942 9611920942 9611920948

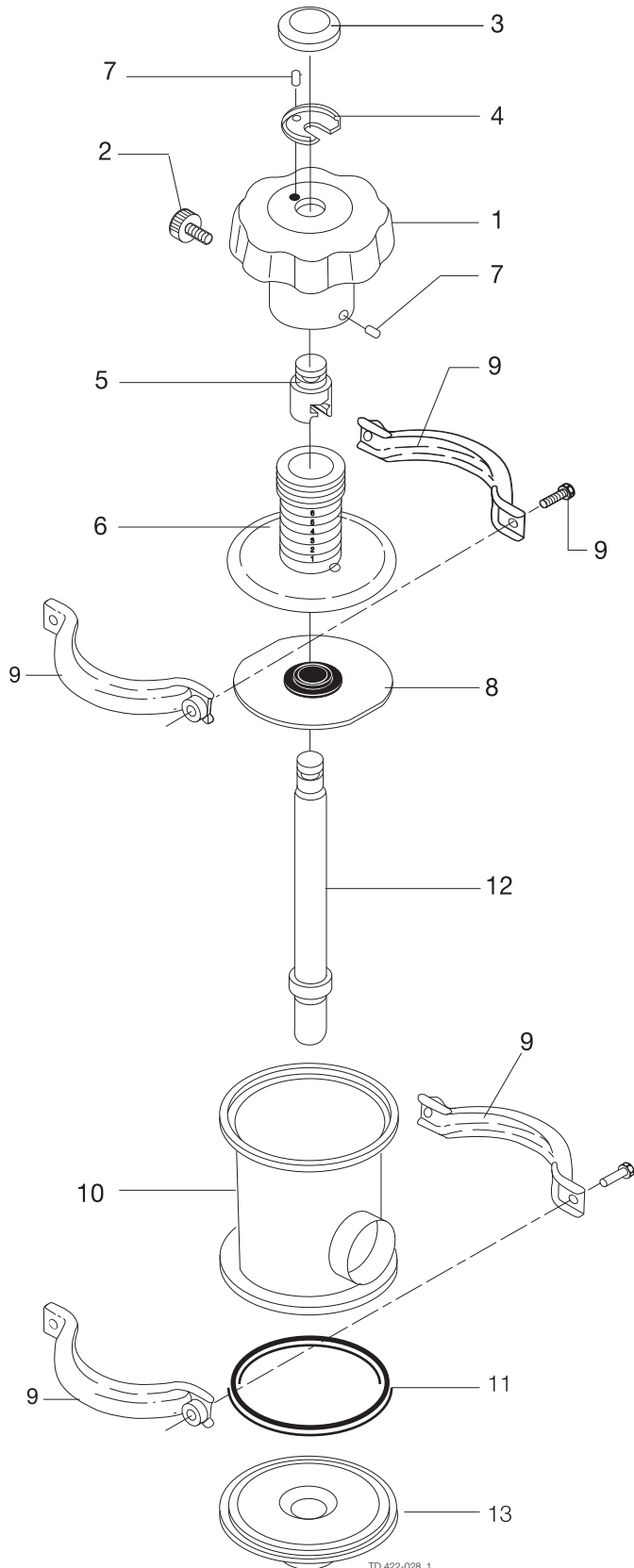
Service kit for special lip seal

○ Service kit EPDM 9611920949 9611920953 9611920957 9611920961 9611920965
 ○ Service kit NBR 9611920950 9611920954 9611920958 9611920962 9611920966
 ○ Service kit FPM 9611920951 9611920955 9611920959 9611920963 9611920967
 ○ Service kit FEP 9611920952 9611920956 9611920960 9611920964 9611920968

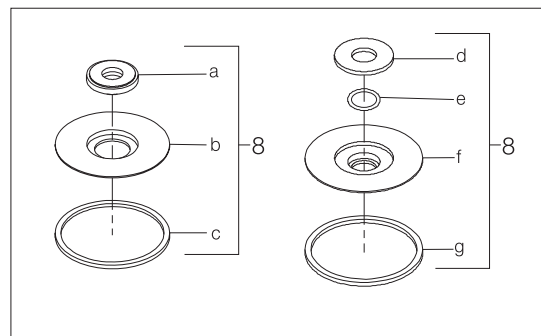
Parts marked with □ or ○ included in the service kits.

Recommended spare parts: Service kits.

Not manufactured anymore



TD 422-028_1



Alternatives stem seal

Parts for FEP seal

Operating mechanism

Pos	Qty	Denomination	
	1	Operating mechanism complete	3135305311
1	1	Hand wheel	3135305281
2	1	Lock screw	3135305291
3	1	Cap	3135304681
4	1	Washer	3135304671
5	1	Stem holder	3135304661
6	1	Guide	3135304591
7	2	Set screw	22158192

Lip seal

8	□	1 Lip seal, EPDM	
		1 Lip seal, NBR	
		1 Lip seal, FPM	

Clamp

9	2	Clamps and screws	3132000271
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Valve body

10	1	Valve body	3135302661
11	□	1 Seal ring, EPDM	
		1 Seal ring, NBR	
		1 Seal ring, FPM	
		1 Seal ring, PTFE	

Valve plug and seat

13	1	Valve seat	
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Alternatives

Pos	Qty	Denomination	
Stem seal			
8	1	Lip seal kit, EPDM (standard)	9611920078
	1	Lip seal kit, NBR	9611920079
	1	Lip seal kit, FPM	9611920080
8a	♦	1 Lip seal, EPDM	
	1	Lip seal, NBR	
	1	Lip seal, FPM	
8b	1	Plate	9612280501
8c	♦	1 Seal ring, EPDM	
	1	Seal ring, NBR	
	1	Seal ring, FPM	
Stem seal			
8d	1	Washer	3135304521
8e	♦	1 O-ring FEP/Silicone	
8f	1	Holder	3135304531
8g	♦	1 Seal ring, PTFE	

Service kit for product wetted parts, standard

□	Service kit, EPDM	9611920139
□	Service kit, NBR	9611920140

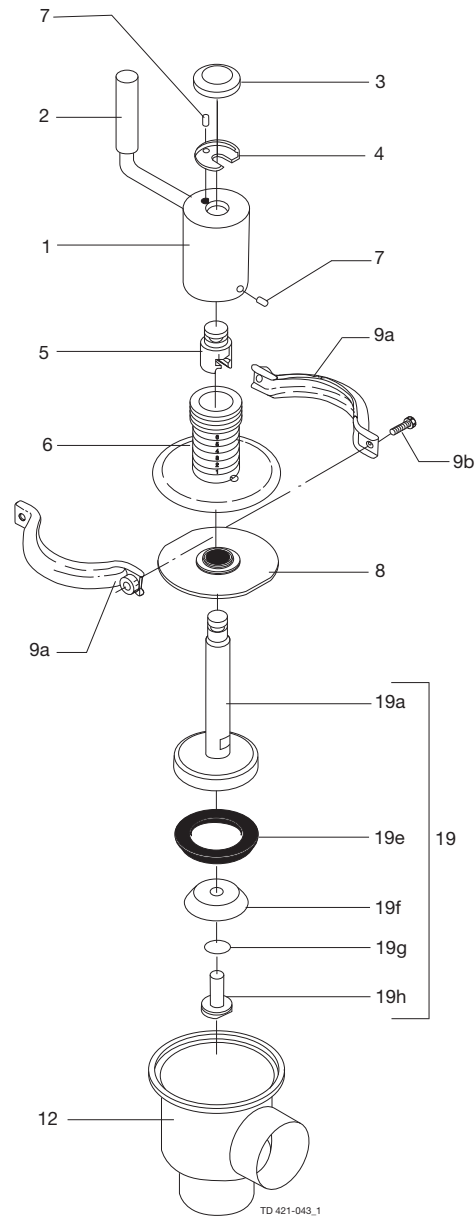
Service kit for special lip seals

♦	Service kit EPDM	9611920495
♦	Service kit NBR	9611920496
♦	Service kit FPM	9611920497
♦	Service kit FEP	9611920498

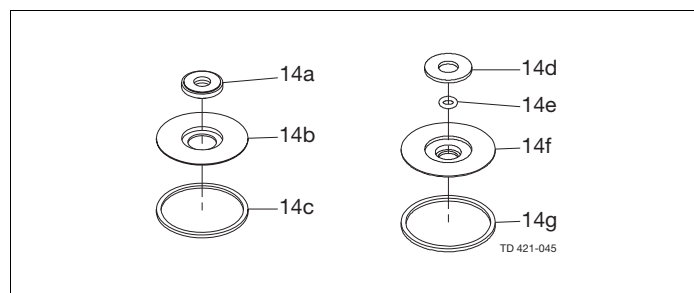
Parts marked with □♦ are included in the service kits.

Recommended spare parts: Pos. 3,7 and service Kit.

Not manufactured anymore



Alternative stem seal



Special lip seal

Parts for FEP lip seal

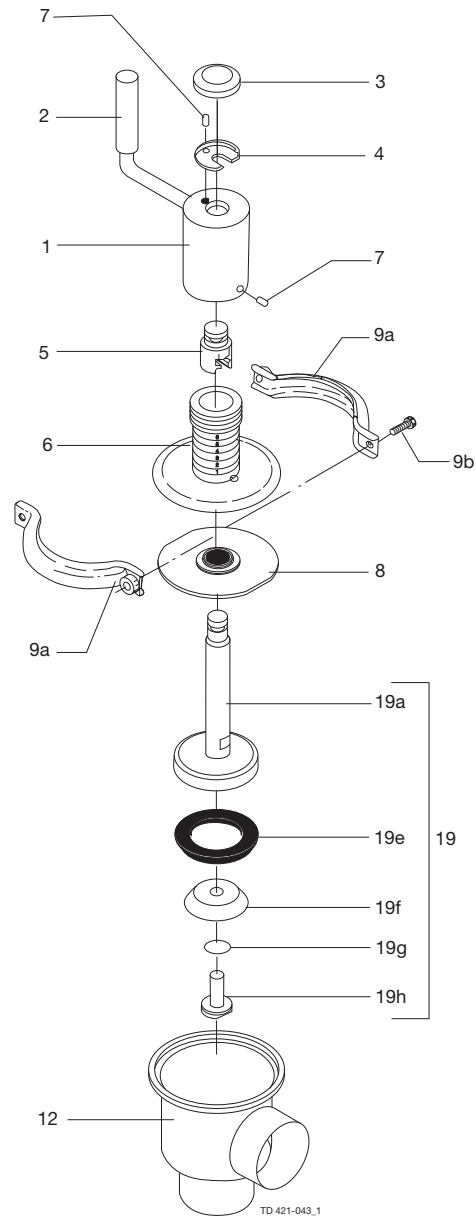
Operating mechanism

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
	1	Crank mechanism complete . . .	3135305301	3135305301	3135305301			
1	1	Crank	3135304621	3135304621	3135304621	3135304621	3135304621	3135304621
2	1	Handle, (included in pos. 1)	3135304951	3135304951	3135304951	3135304951	3135304951	3135304951
3	1	Cap	3135304681	3135304681	3135304681	3135304681	3135304681	3135304681
4	1	Washer	3135304671	3135304671	3135304671	3135304671	3135304671	3135304671
5	1	Stem holder	3135304661	3135304661	3135304661	3135304661	3135304661	3135304661
6	1	Guide	3135304591	3135304591	3135304591	3135304601	3135304601	3135304601
7	2	Set screw	22158192	22158192	22158192	22158192	22158192	22158192

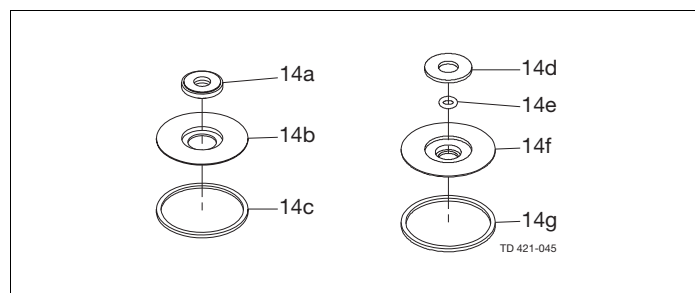
Valve body part

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
Stem seal								
8	□	1 Lip seal, EPDM						
		1 Lip seal, NBR						
		1 Lip seal, FPM						
Clamp								
9a+b	1	Clamps & screws, (period 9209-)	3132000271	3132000271	3132000271	3132000272	3132000272	3132000272
9a	2	Clamp half, (period -9209)						
9b	2	Screw, (period -9209)						
Valve body								
12	1	Valve body, 2 ports ISO	3135303751	3135303761	3135303801	3135303811		3135300261
	1	Valve body, 2 ports DIN	9612094001	9612094101	9612094201		9612094301	9612094401
	1	Valve body, 3 ports ISO	3135303756	3135303766	3135303806	3135303816		3135300266
	1	Valve body, 3 ports DIN	9612094002	9612094102	9612094202		9612094302	9612094402
Valve plug								
19	1	Plug, single, complete, EPDM	3135303301	3135303311	3135303321	3135303331	3135303334	3135303341
19a	1	Stem	3135303401	3135303771	3135303781	3135303411	3135303412	3135303791
19e	□♦	1 Plug seal, EPDM						
		1 Plug seal, NBR						
		1 Plug seal, FPM						
		1 Plug seal, PTFE						
19f	1	Washer	3135303571	3135303581	3135303591	3135303601	3135303602	3135303611
19g	□♦	1 O-ring, EPDM						
		1 O-ring, NBR						
		1 O-ring, FPM						
		1 O-ring, PTFE						
19h	1	Screw	3135303621	3135303621	3135303621	3135303621	3135303621	3135303621

Not manufactured anymore



Alternative stem seal



Special lip seal

Parts for FEP lip seal

Alternatives

Valve body part

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
Stem seal								
14	1	Lip seal kit, EPDM (standard)	9611920078	9611920078	9611920078	9611920142	9611920142	9611920142
	1	Lip seal kit, NBR	9611920079	9611920079	9611920079	9611920143	9611920143	9611920143
	1	Lip seal kit, FPM	9611920080	9611920080	9611920080	9611920144	9611920144	9611920144
14a ♦	1	Lip seal, EPDM						
	1	Lip seal, NBR						
	1	Lip seal, FPM						
14b	1	Plate	9612280501	9612280501	9612280501	9612308701	9612308701	9612308701
14c ♦	1	Seal ring, EPDM						
	1	Seal ring, NBR						
	1	Seal ring, FPM						
Stem seal								
14d	1	Washer	3135304521	3135304521	3135304521	3135304522	3135304522	3135304522
14e ♦	1	O-ring, FEP/Silicone						
14f	1	Holder	3135304531	3135304531	3135304531	3135304541	3135304541	3135304541
14g ♦	1	Seal ring, PTFE						

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
Valve body with 0.8 RA finish inside								
12	1	Valve body, 2 ports ISO	3135303752		3135303802			
	1	Valve body, 2 ports DIN	9612094003					
	1	Valve body, 3 ports ISO						
	1	Valve body, 3 ports DIN	9612094004		9612094204		9612094304	9612094404
Valve plug with 0.8 RA finish								
19	1	Plug, single, complete, EPDM		3135310911		3135310931		
	1	Plug, single, complete, NBR	3135310902	3135310912			3135310935	3135310942
	1	Plug, single, complete, FPM		3135310913	3135310923	3135310933	3135310936	
19a	1	Stem	3135310071		3135310073	3135310074	3135310078	
19f	1	Washer	3135310101	3135310102		3135310104	3135310106	
19h	1	Screw	3135310111	3135310111	3135310111	3135310111	3135310111	3135310111

Service kit for product wetted parts, standard

□	Service Kit EPDM	9611920010	9611920013	9611920016	9611920019	9611920105	9611920022
□	Service Kit NBR	9611920011	9611920014	9611920017	9611920020	9611920106	9611920023
□	Service Kit FPM	9611920012	9611920015	9611920018	9611920021	9611920107	9611920024

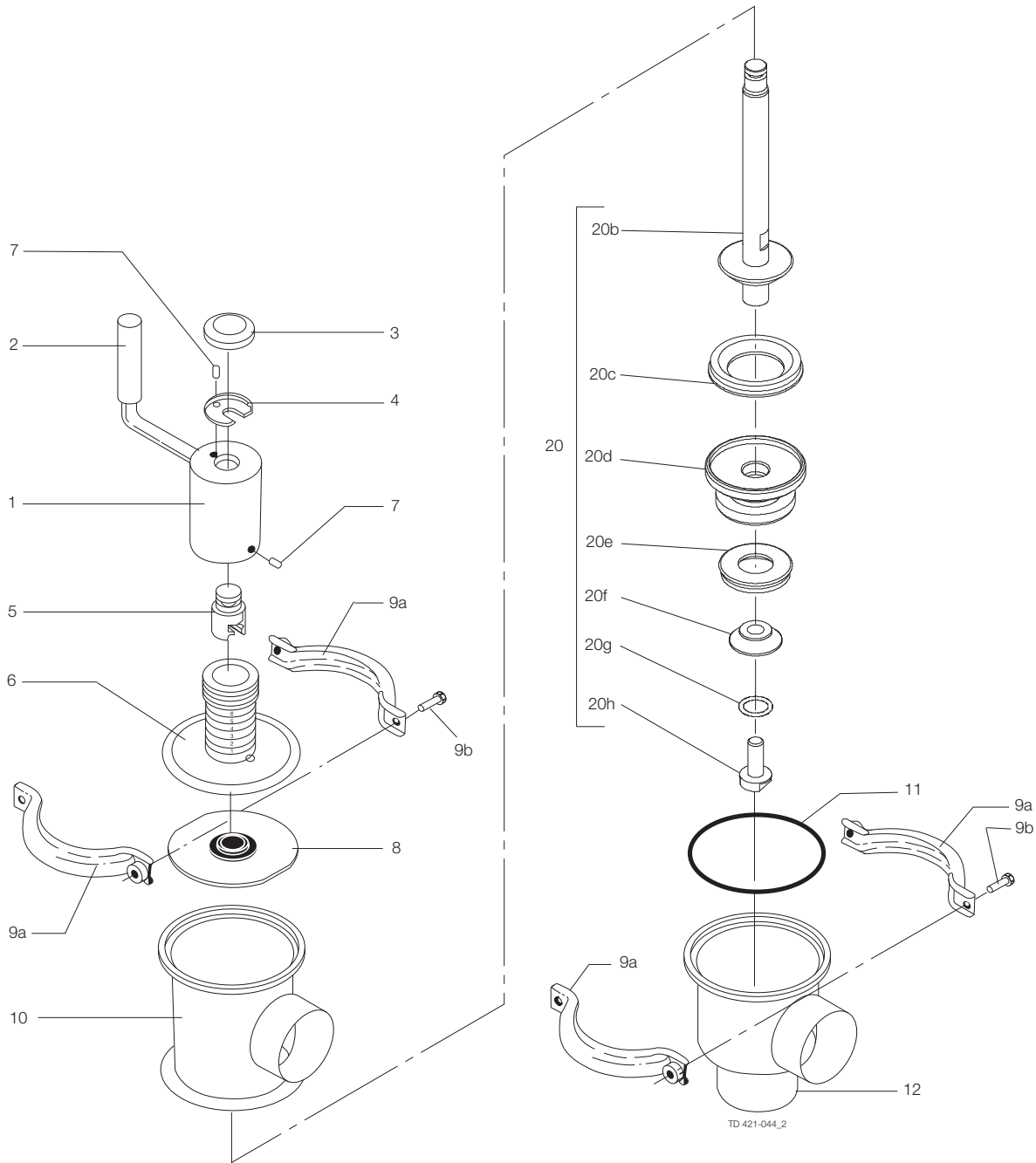
Service kit for special lip seal

♦	Service Kit EPDM	9611920447	9611920451	9611920455	9611920459	9611920463	9611920467
♦	Service Kit NBR	9611920448	9611920452	9611920456	9611920460	9611920464	9611920468
♦	Service Kit FPM	9611920449	9611920453	9611920457	9611920461	9611920465	9611920469
♦	Service kit FEP	9611920450	9611920454	9611920458	9611920462	9611920466	9611920470

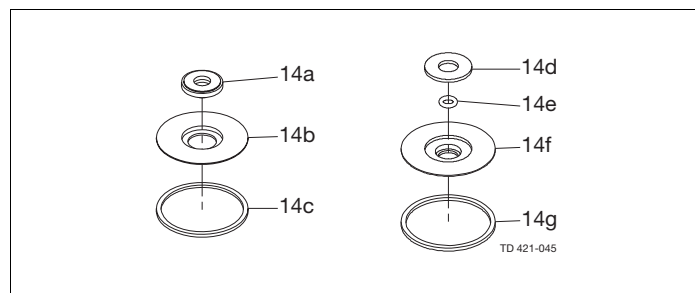
Parts marked with □♦ are included in the service kits.

Recommended spare parts: Pos. 3,7 and service kit.

Not manufactured anymore



Alternative stem seal



Special lip seal

Parts for FEP lip seal

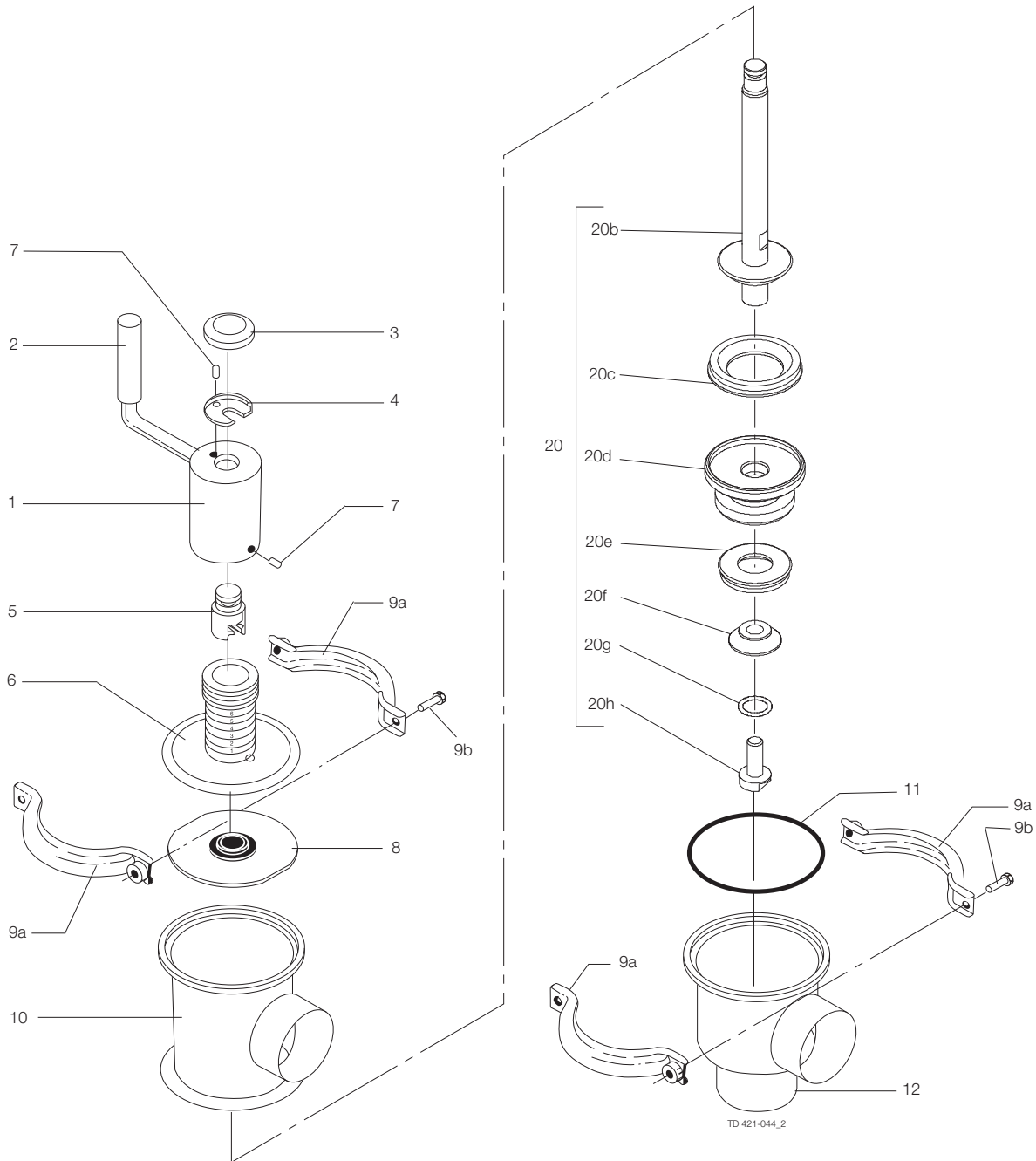
Operating mechanism

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
	1	Crank mechanism complete . . .	3135305301	3135305301	3135305301			
1	1	Crank	3135304621	3135304621	3135304621	3135304621	3135304621	3135304621
2	1	Handle (included in pos. 1)	3135304951	3135304951	3135304951	3135304951	3135304951	3135304951
3	1	Cap	3135304681	3135304681	3135304681	3135304681	3135304681	3135304681
4	1	Washer	3135304671	3135304671	3135304671	3135304671	3135304671	3135304671
5	1	Stem holder	3135304661	3135304661	3135304661	3135304661	3135304661	3135304661
6	1	Guide	3135304591	3135304591	3135304591	3135304601	3135304601	3135304601
7	2	Set screw	22158192	22158192	22158192	22158192	22158192	22158192

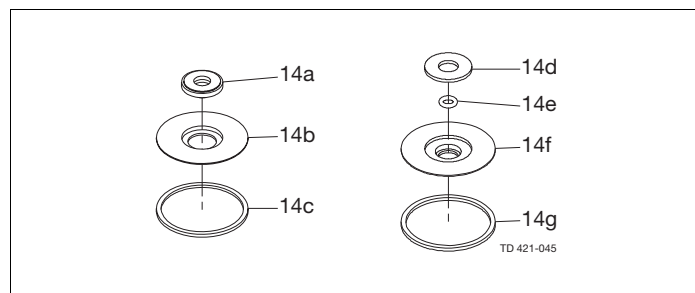
Valve body part

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
Stem seal								
8	□	1 Lip seal, EPDM						
		1 Lip seal, NBR						
		1 Lip seal, FPM						
Clamp								
9a+b	2	Clamps & screws (period 9209-) . .	3132000271	3132000271	3132000271	3132000272	3132000272	3132000272
9a	4	Clamp half (period -9209)						
9b	4	Screw (period -9209)						
Valve body								
10	1	Valve body, upper, 1 port ISO . . .	3135300531	3135300541	3135300551	3135300561		3135300581
	1	Valve body, upper, 1 port DIN . . .	9612094501	9612094601	9612094701		9612094801	9612094901
	1	Valve body, upper, 2 ports ISO . . .	3135300536	3135300546	3135300556	3135300566		3135300586
	1	Valve body, upper, 2 ports DIN . . .	9612094502	9612094602	9612094702		9612094802	9612094902
11	◆	1 Valve body packing, EPDM						
		1 Valve body packing, NBR						
		1 Valve body packing, FPM						
		1 Valve body packing, PTFE						
12	1	Valve body, lower, 2 ports ISO . . .	3135303751	3135303761	3135303801	3135303811		3135300261
	1	Valve body, lower, 2 ports DIN . . .	9612094001	9612094101	9612094201		9612094301	9612094401
	1	Valve body, lower, 3 ports ISO . . .	3135303756	3135303766	3135303806	3135303816		3135300266
	1	Valve body, lower, 3 ports DIN . . .	9612094002	9612094102	9612094202		9612094302	9612094402
Valve plug								
20	1	Plug, double, comp. EPDM (std) . .	3135303351	3135303361	3135303371	3135303381	3135303384	3135303391
	1	Plug, double, comp. NBR		3135303362		3135303382		
20b	1	Stem	3135303491	3135303492	3135303493	3135303501	3135303503	3135303502
20c	◆	1 Plug seal, upper, EPDM (std)						
		1 Plug seal, upper, NBR						
		1 Plug seal, upper, FPM						
		1 Plug seal, upper, PTFE						
20d	1	Middle piece	3135303631	3135303641	3135303651	3135303661	9612098401	3135303671
20e	◆	1 Plug seal, lower, EPDM (std)						
		1 Plug seal, lower, NBR						
		1 Plug seal, lower, FPM						
		1 Plug seal, lower, PTFE						
20f	1	Washer	3135303571	3135303581	3135303591	3135303601	3135303602	3135303611
20g	◆	1 O-ring, EPDM (std)						
		1 O-ring, NBR						
		1 O-ring, FPM						
		1 O-ring, PTFE						
20h	1	Screw	3135303621	3135303621	3135303621	3135303621	3135303621	3135303621

Not manufactured anymore



Alternative stem seal



Special lip seal

Parts for FEP lip seal

Alternatives

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
Stem seal								
14	1	Lip seal kit, EPDM (standard) . . .	9611920078	9611920078	9611920078	9611920142	9611920142	9611920142
	1	Lip seal kit, NBR	9611920079	9611920079	9611920079	9611920143	9611920143	9611920143
	1	Lip seal kit, FPM	9611920080	9611920080	9611920080	9611920144	9611920144	9611920144
14a ♦	1	Lip seal, EPDM						
	1	Lip seal, NBR						
	1	Lip seal, FPM						
14b	1	Plate	9612280501	9612280501	9612280501	9612308701	9612308701	9612308701
14c ♦	1	Seal ring, EPDM						
	1	Seal ring, NBR						
	1	Seal ring, FPM						
Stem seal								
14d	1	Washer	3135304521	3135304521	3135304521	3135304522	3135304522	3135304522
14e ♦	1	O-ring FEP/Silicone						
14f	1	Holder	3135304531	3135304531	3135304531	3135304541	3135304541	3135304541
14g	1	Seal ring, PTFE						
Valve body with 0.8 RA finish inside								
10	1	Valve body, upper, 1 port ISO . .				3135300562		
	1	Valve body, upper, 1 port DIN . .	9612094503		9612094703		9612094803	9612094903
	1	Valve body, upper, 2 ports ISO . .						3135300583
	1	Valve body, upper, 2 ports DIN . .	9612094504	9612094604	9612094704		9612094804	
12	1	Valve body, lower, 2 ports ISO . .	3135303752		3135303802			
	1	Valve body, lower, 2 ports DIN . .	9612094003					
	1	Valve body, lower, 3 ports ISO . .						
	1	Valve body, lower, 3 ports DIN . .	9612094004		9612094204		9612094304	9612094404
Valve plug with 0.8 RA finish								
	1	Plug, double, complete, EPDM . .				3135310981	3135310984	
	1	Plug, double, complete, NBR . . .	3135310952	3135310962	3135310972	3135310982	3135310985	3135310992
	1	Plug, double, complete, FPM . . .	3135310953	3135310963	3135310973	3135310983	3135310986	3135310993
13	1	Stem	3135310081	3135310082	3135310083	3135310084		
15	1	Middle piece	3135310091	3135310092			3135310096	3135310095
17	1	Washer	3135310101	3135310102		3135310104	3135310106	
19	1	Screw	3135310111	3135310111	3135310111	3135310111	3135310111	3135310111
			DN 40	DN 50	DN 65			DN 100
			38 mm	51 mm	63.5 mm	76 mm	DN80	101.6 mm

Service kit for product wetted parts, standard

□	Service kit EPDM	9611920025	9611920028	9611920031	9611920034	9611920108	9611920037
□	Service kit NBR	9611920026	9611920029	9611920032	9611920035	9611920109	9611920038
□	Service kit FPM	9611920027	9611920030	9611920033	9611920036	9611920110	9611920039

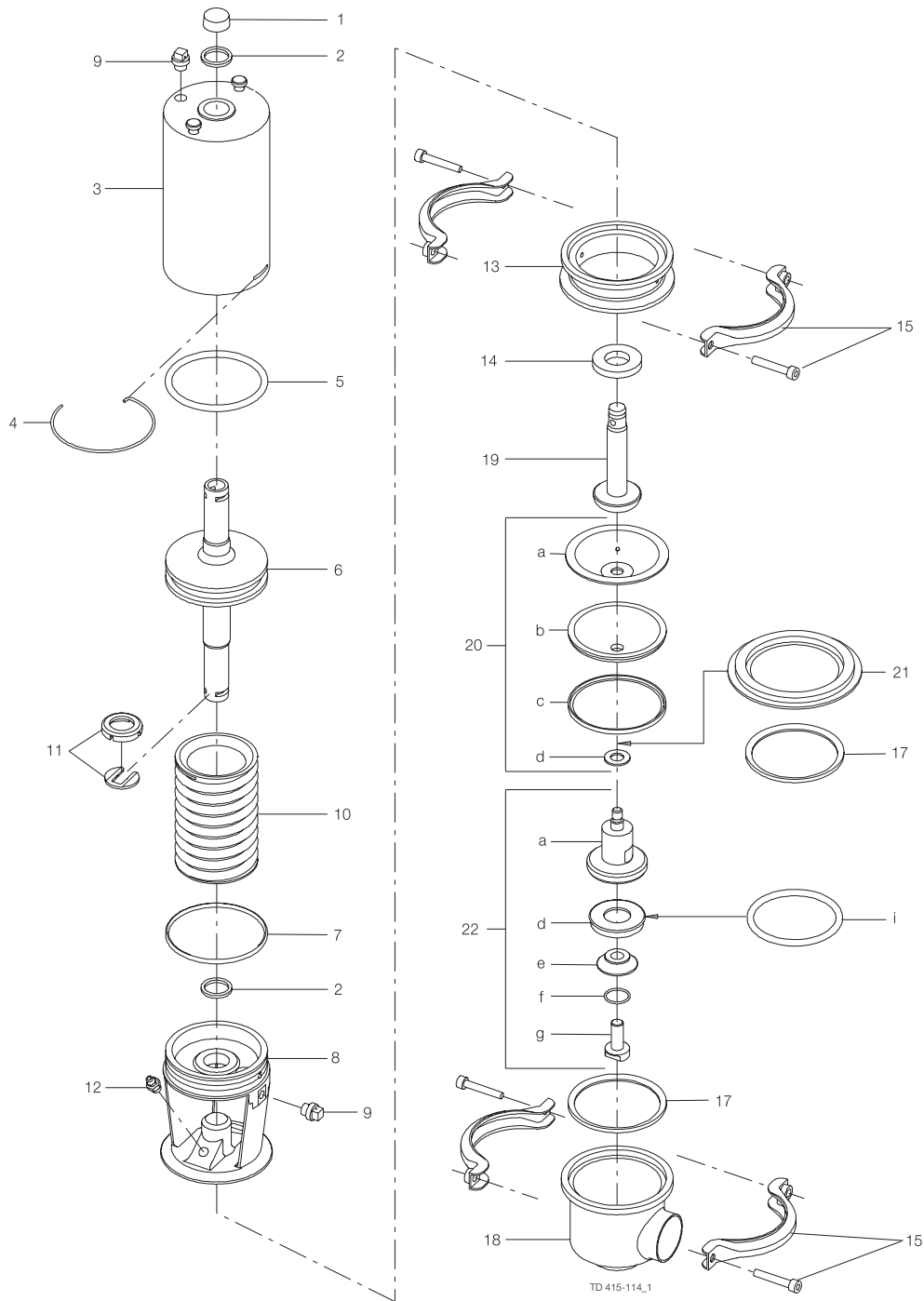
Service kit for special lip seal

♦	Service kit EPDM	9611920471	9611920475	9611920479	9611920483	9611920487	9611920491
♦	Service kit NBR	9611920472	9611920476	9611920480	9611920484	9611920488	9611920492
♦	Service kit FPM	9611920473	9611920477	9611920481	9611920485	9611920489	9611920493
♦	Service kit FEP	9611920474	9611920478	9611920482	9611920486	9611920490	9611920494

Parts marked with □♦ are included in the service kits.

Recommended spare parts: Pos. 3,7 and Service Kit.

Not manufactured anymore



76-101.6 mm
DN80-100

76-101.6 mm
DN80-100

76-101.6 mm
DN80-100

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
Actuator								
		Actuator, -1, complete	3135302064	3135302064	3135302064			
		Actuator, -2, complete	3135302066	3135302066	3135302066			
		Actuator, -3, complete				3135302147	3135302147	3135302147
1	1	Cap	3180105256	3180105256	3180105256	3180105255	3180105255	3180105255
2	□ 2	O-ring						
3	1	Cylinder	3135301391	3135301391	3135301391	3135301851	3135301851	3135301851
4	□ 1	Lock wire						
5	□ 1	O-ring						
6	1	Piston, -1, -2	3135306211	3135306211	3135306211	3135306191	3135306191	3135306191
	1	Piston, -3	3135306212	3135306212	3135306212			
7	□ 1	O-ring						
9*	2	Plug						
10*	1	Spring assembly, standard (black)	3135306251	3135306251	3135306251	3135306221	3135306221	3135306221
	1	Spring assembly, with extra strong spring (white)	3135306252	3135306252	3135306252	3135306222	3135306222	3135306222
11	□ 1	Clip, complete	3135307931	3135307931	3135307931	3135307932	3135307932	3135307932
12	1	Drain tube	3180114441	3180114441	3180114441	3180114441	3180114441	3180114441

* Only for actuators -1 and -2.

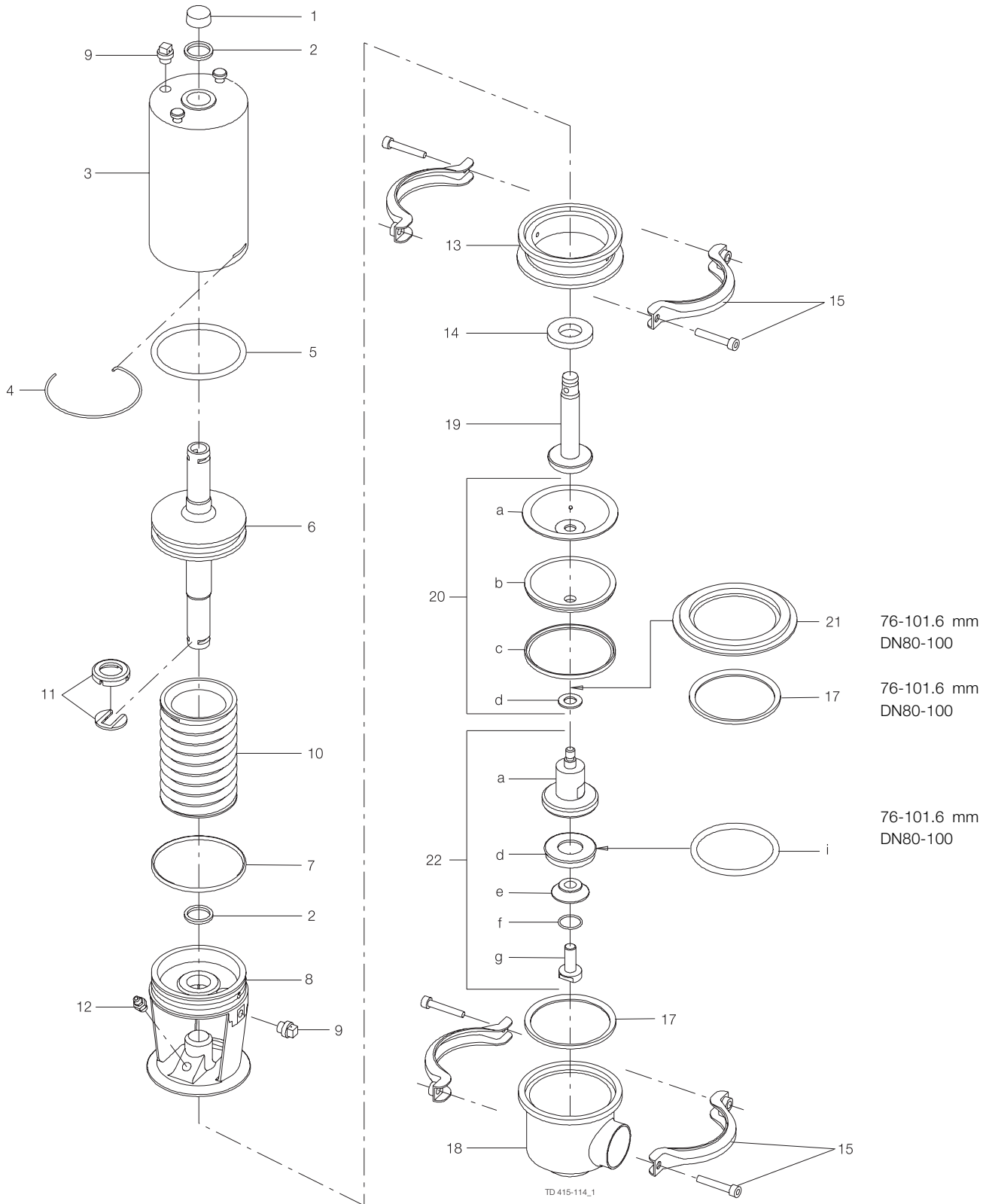
Alternatives

Special actuator complete

Actuator, -1 (133mm), (NO)
 Actuator, -2 (133mm), (NC)
 Actuator, -3 (133mm), (A/A)

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
13	1	Intermediate piece	3135308131	3135308131	3135308131	3135308401	3135308401	3135308401
Clamp								
15	2	Clamp & screws (period 9209) . .	3132000273	3132000273	3132000273	3132000275	3132000275	3132000275
15a	4	Clamp half (period -9209)						
15b	2	Screw (period -9209)						
15c	2	Screw (period -9209)						
Valve body								
18	1	Valve body, 2 ports, ISO	3135303751	3135303761	3135303801	3135303811		3135300261
	1	Valve body, 2 ports, DIN	9612094001	9612094101	9612094201		9612094301	9612094401
	1	Valve body, 3 ports, ISO	3135303756	3135303766	3135303806	3135303816		3135300266
	1	Valve body, 3 ports, DIN	9612094002	9612094102	9612094202		9612094302	9612094402

Not manufactured anymore



Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
Valve plug								
14	1	Washer, (period 9911-)	3135308213	3135308213	3135308213	3135308212	3135308212	3135308212
	1	Washer, (period 8605-9910)						
17	♦	Seal ring, EPDM (standard)						
	1	Seal ring, NBR						
	1	Seal ring, FPM						
19	1	Stem, upper	3135308091	3135308091	3135308091	3135308391	3135308391	3135308391
20	♦	Diaphragm set, PTFE, EPDM (complete replacement recommended)	9611920001	9611920001	9611920001	9611920007	9611920007	9611920007
	1	Diaphragm set, NBR	9611920081	9611920081	9611920081	9611920083	9611920083	9611920083
	1	Diaphragm set, FPM	9611920082	9611920082	9611920082	9611920084	9611920084	9611920084
20a	1	Diaphragm support, EPDM						
20b	1	Diaphragm, PTFE						
20c	1	L-seal, EPDM (standard)						
	1	L-seal, NBR						
	1	L-seal, FPM						
20d	1	Stem seal, EPDM (standard)						
	1	Stem seal, NBR						
	1	Stem seal, FPM						
21	1	Diaphragm ring				3135308411	3135308411	3135308411

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
Valve plug								
22		Plug, single, comp. EPDM (std)		3135308232	3135308233	3135308481	3135308485	
		Plug, single, comp. NBR	9612309401		9612309403		9612309205	9612309202
		Plug, single, comp. FPM					9612309210	
22a	1	Stem, lower	3135308111	3135308121	3135308151	3135308431	9612188701	3135308461
22d	♦	Plug seal, EPDM (std)						
	1	Plug seal, NBR						
	1	Plug seal, FPM						
22e	1	Washer	3135303571	3135303581	3135303591			
22f	♦	O-ring, EPDM (std)						
	1	O-ring, NBR						
	1	O-ring, FPM						
22g	1	Screw	3135303621	3135303621	3135303621	3135303621	3135303621	3135303621
22i	♦	O-ring, EPDM (std)						
	1	O-ring, NBR						
	1	O-ring, FPM						

Service kit for actuator

□	Service kit	9611920008	9611920008	9611920008	9611920009	9611920009	9611920009
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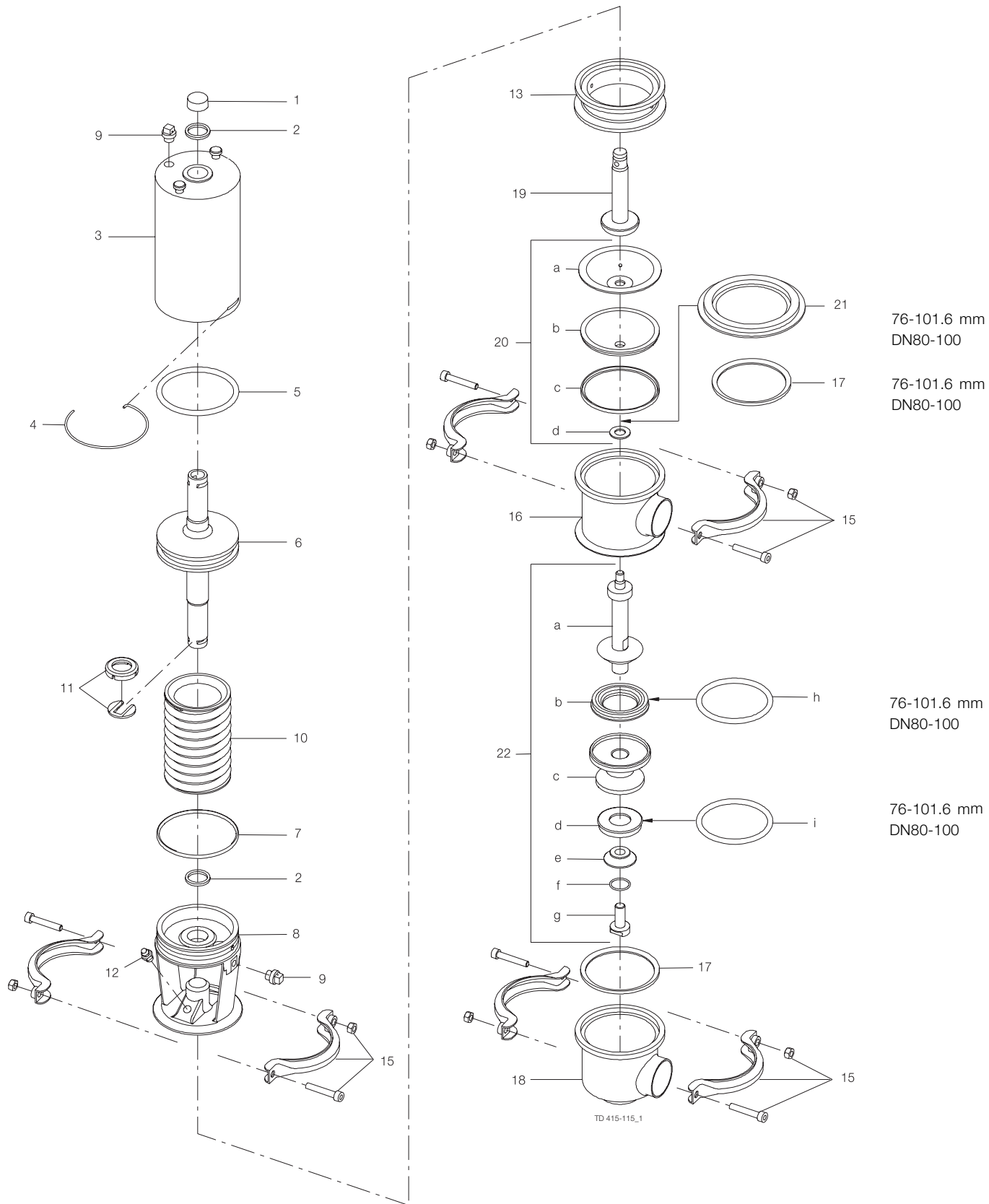
Service kit for product wetted parts, standard

♦	Service kit, EPDM	9611920040	9611920041	9611920042	9611920043	9611920113	9611920044
♦	Service kit, NBR	9611920085	9611920087	9611920089	9611920091	9611920114	9611920093
♦	Service kit, FPM	9611920086	9611920088	9611920090	9611920092	9611920115	9611920094

Parts marked with □♦ are included in the service kits.

Recommended spare parts: service kits.

Not manufactured anymore



Actuator

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
Actuator								
		Actuator, -1, complete	3135302064	3135302064	3135302064			
		Actuator, -2, complete	3135302066	3135302066	3135302066			
		Actuator, -3, complete				3135302147	3135302147	3135302147
1	1	Cap	3180105256	3180105256	3180105256	3180105255	3180105255	3180105255
2	□ 2	O-ring						
3	1	Cylinder	3135301391	3135301391	3135301391	3135301851	3135301851	3135301851
4	□ 1	Lock wire						
5	□ 1	O-ring						
6	1	Piston, -1, -2	3135306211	3135306211	3135306211	3135306191	3135306191	3135306191
	1	Piston, -3	3135306212	3135306212	3135306212			
7	□ 1	O-ring						
9*	2	Plug						
10*	1	Spring assembly, standard (black)	3135306251	3135306251	3135306251	3135306221	3135306221	3135306221
	1	Spring assembly, with extra strong spring (white)	3135306252	3135306252	3135306252	3135306222	3135306222	3135306222
11	□ 1	Clip, complete	3135307931	3135307931	3135307931	3135307932	3135307932	3135307932
12	1	Drain tube	3180114441	3180114441	3180114441	3180114441	3180114441	3180114441

* Only for actuators -1 and -2.

Alternatives

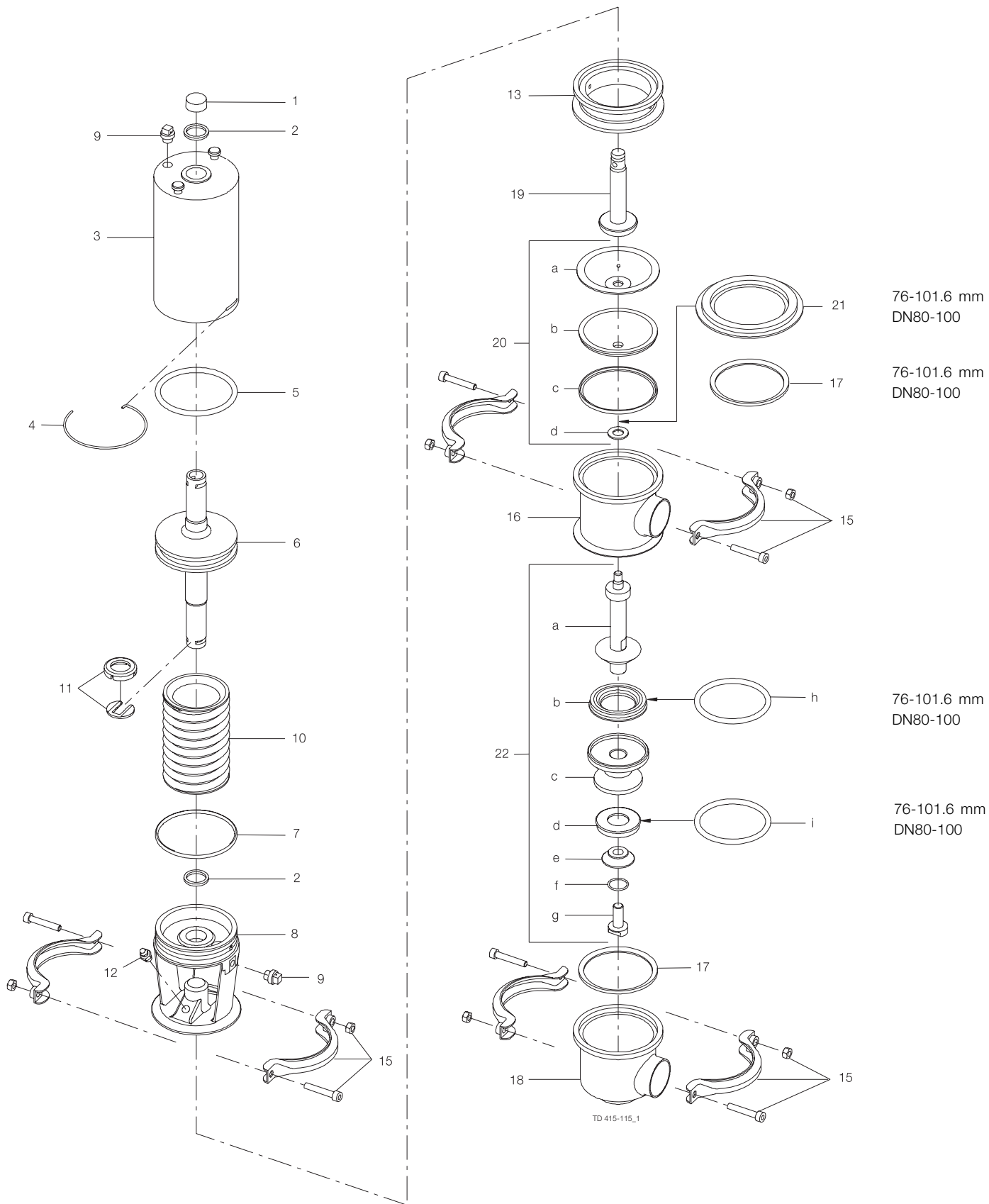
Special actuator complete

Actuator, -1 (133mm), (NO)
 Actuator, -2 (133mm), (NC)
 Actuator, -3 (133mm), (A/A)

Valve body part

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
13	1	Intermediate piece	3135308131	3135308131	3135308131	3135308401	3135308401	3135308401
Clamp								
15	3	Clamp and screws (period 9209-)	3132000273	3132000273	3132000273	3132000275	3132000275	3132000275
15a	6	Clamp half (period -9209)						
15b	4	Screw (period -9209)						
15c	2	Screw (period -9209)						
Valve body								
16	1	Valve body, upper, 1 port, ISO	3135300531	3135300541	3135300551	3135300561		3135300581
	1	Valve body, upper, 1 port, DIN	9612094501	9612094601	9612094701		9612094801	9612094901
	1	Valve body, upper, 2 ports, ISO	3135300536	3135300546	3135300556	3135300566		3135300586
	1	Valve body, upper, 2 ports, DIN	9612094502	9612094602	9612094702		9612094802	9612094902
17	♦ 1	Seal ring, EPDM (standard)						
	1	Seal ring, NBR						
	1	Seal ring, FPM						
	2	Seal ring, EPDM (standard)						
	2	Seal ring, NBR						
	2	Seal ring, FPM						
18	1	Valve body, lower, 2 ports, ISO	3135303751	3135303761	3135303801	3135303811		3135300261
	1	Valve body, lower, 2 ports, DIN	9612094001	9612094101	9612094201		9612094301	9612094401
	1	Valve body, lower, 3 ports, ISO	3135303756	3135303766	3135303806	3135303816		3135300266
	1	Valve body, lower, 3 ports, DIN	9612094002	9612094102	9612094202		9612094302	9612094402
19	1	Stem, upper	3135308091	3135308091	3135308091	3135308391	3135308391	3135308391
20	♦ 1	Diaphragm set, PTFE, EPDM (complete replacement recommended)	9611920001	9611920001	9611920001	9611920007	9611920007	9611920007
	1	Diaphragm set, NBR	9611920081	9611920081	9611920081	9611920083	9611920083	9611920083
	1	Diaphragm set, FPM	9611920082	9611920082	9611920082	9611920084	9611920084	9611920084

Not manufactured anymore



Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
20a	1	Diaphragm support, EPDM						
20b	1	Diaphragm for PTFE						
20c	1	L-seal, EPDM (standard)						
	1	L-seal, NBR						
	1	L-seal, FPM						
20d	1	Stem seal, EPDM (standard)						
	1	Stem seal, NBR						
	1	Stem seal, FPM						
21	1	Diaphragm ring				3135308411	3135308411	3135308411

Valve body part

Pos	Qty	Denomination	DN 40	DN 50	DN 65	76 mm	DN 80	DN 100
			38 mm	51 mm	63.5 mm			101.6 mm
Valve plug								
22		Plug, double, complete EPDM (period 9911-) (standard)		9612540004	3135308243			3135308562
		Plug, double, complete EPDM (period 8605-9910) (standard)						
		Plug, double, complete NBR (period 9911-)	9612540002	9612540005	9612309303	9612309101	9612309105	9612309102
		Plug, double, complete NBR (period 8605-9910)						
		Plug, double, complete FPM (period 9911-)	9612540003					
		Plug, double, complete FPM (period 8605-9910)						
22a	1	Stem, lower (period 9911-)	3135308103	3135308104	3135308141	3135308501	3135308505	3135308102
	1	Stem, lower (period 8605-9910)	3135308101	3135308102	3135308141	3135308501	3135308505	3135308102
22b ♦	1	Plug seal, EPDM (standard)						
	1	Plug seal, NBR						
	1	Plug seal, FPM						
22c	1	Middle piece, (period 9911-)	9612497201	9612497301	3135303651	3135308541	9612188801	
	1	Middle piece, (period 8605-9910)						
22d ♦	1	Plug seal, EPDM (standard)						
	1	Plug seal, NBR						
	1	Plug seal, FPM						
22e	1	Washer	3135303571	3135303581	3135303591			
22f ♦	1	O-ring, EPDM						
	1	O-ring, NBR						
	1	O-ring, FPM						
22g	1	Screw						
22h ♦	1	O-ring, EPDM (standard)						
	1	O-ring, NBR						
	1	O-ring, FPM						
22i	1	O-ring, EPDM (standard)						
	1	O-ring, NBR						
	1	O-ring, FPM						
			DN 40	DN 50	DN 65		DN 80	DN 100
			38 mm	51 mm	63.5 mm	76 mm		101.6 mm

Service kit for actuator

□	Service kit	9611920008	9611920008	9611920008	9611920009	9611920009	9611920009
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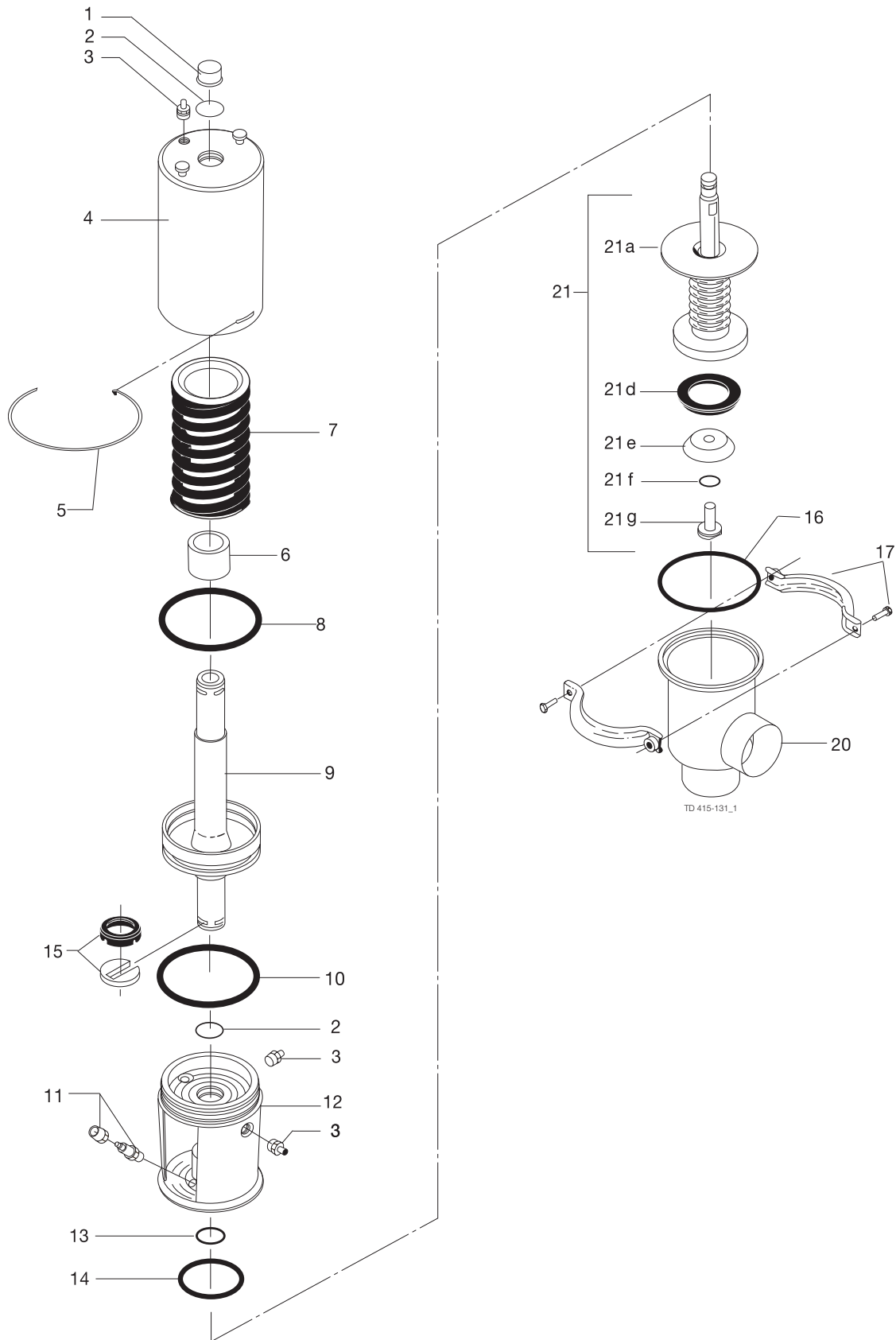
Service kit for product wetted parts, standard

♦	Service kit EPDM	9611920045	9611920046	9611920047	9611920048	9611920116	9611920049
♦	Service kit NBR	9611920095	9611920097	9611920099	9611920101	9611920117	9611920103
♦	Service kit FPM	9611920096	9611920098	9611920100	9611920102	9611920120	9611920104

Parts marked with □♦ are included in the service kits.

Recommended spare parts: service kits.

Not manufactured anymore



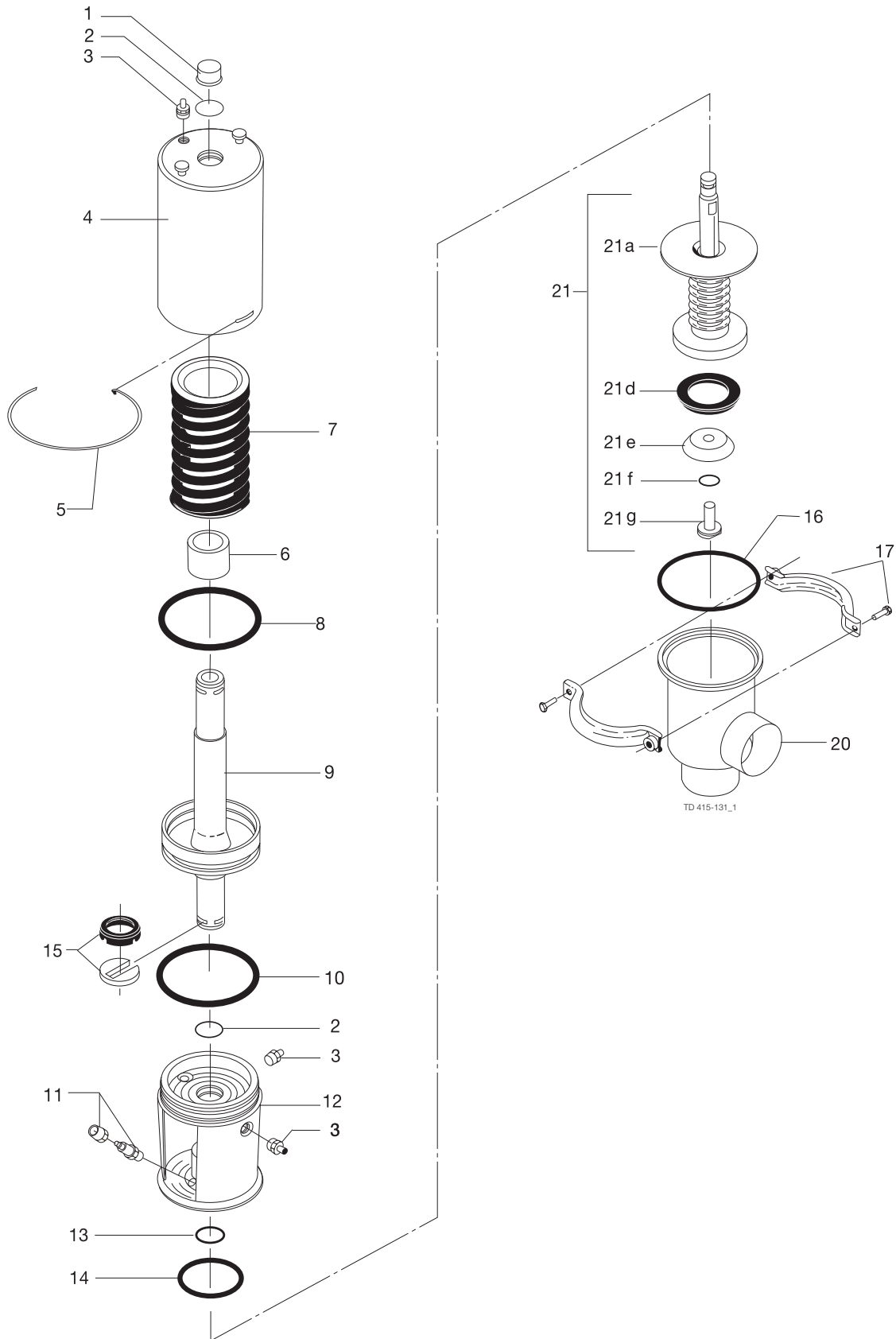
Actuator

Pos	Qty	Denomination	DN 40	DN 50	DN 65
			38 mm	51 mm	63.5 mm
		Actuator, -3, complete	9612188303	9612188303	9612188303
1	1	Cap	3180105256	3180105256	3180105256
2	□ 2	O-ring, NBR			
3	2	Deair screw (plug)			
4	1	Cylinder	3135301391	3135301391	3135301391
5	□ 1	Lock wire			
6	1	Stop ring	9612187801	9612187801	9612187801
7	1	Spring, assembly standard (black)	3135306251	3135306251	3135306251
	1	Spring, assembly with strong spring (white)	3135306252	3135306252	3135306252
8	□ 1	O-ring, NBR			
9	1	Piston, for NO and NC	3135306211	3135306211	3135306211
	1	Piston, for Air/Air	3135306212	3135306212	3135306212
10	□ 1	O-ring, NBR			
11	1	Drain tube	3180114441	3180114441	3180114441
13	□ 1	O-ring			
14	□ 1	O-ring			
15	□ 1	Clip complete	3135307931	3135307931	3135307931

Valve body part

Pos	Qty	Denomination	DN 40	DN 50	DN 65
			38 mm	51 mm	63.5 mm
Seal rings					
16	♦ 1	Seal ring, EPDM (standard)			
	1	Seal ring, NBR			
	1	Seal ring, FPM			
	1	Seal ring, PTFE			
Clamp					
17	1	Clamp complete	3132000271	3132000271	3132000271
Valve body					
20	1	Valve body, 2 ports ISO		9612183301	3135303801
	1	Valve body, 2 ports DIN			9612094201
	1	Valve body, 3 ports ISO		9612183302	3135303806
	1	Valve body, 3 ports DIN			9612094202

Not manufactured anymore



Pos	Qty	Denomination	DN 40	DN 50	DN 65
			38 mm	51 mm	63.5 mm
Valve plug					
21	1	Plug, complete EPDM (standard) (period 9911-)	9612585304	9612585305	9612585306
	1	Plug, complete NBR (period 9911-)	9612585310	9612585311	9612585312
	1	Plug, complete FPM (period 9911-)	9612585316		
	1	Plug, single, complete EPDM (period 9512-9910)			
	1	Plug, single, complete NBR (period 9512-9910)			
	1	Plug, single, complete FPM (period 9512-9910)			
	1	Plug, single, complete PTFE (period 9512-9910)			
	1	Plug, double, complete EPDM (period 9512-9910)			
	1	Plug, double, complete NBR (period 9512-9910)			
	1	Plug, double, complete FPM (period 9512-9910)			
	1	Plug, double, complete PTFE (period 9512-9910)			
21a	1	Stem, single (period 9911-)	9612585204	9612585205	9612585206
	1	Stem, single (period 9512-9910)			
	1	Stem, double (period 9512-9910)			
21d ♦	1	Plug seal, EPDM (standard)			
	1	Plug seal, NBR			
	1	Plug seal, FPM			
	1	Plug seal, PTFE			
21e	1	Washer	3135303571	3135303581	3135303591
21f ♦	1	O-ring, EPDM (standard)			
	1	O-ring, NBR			
	1	O-ring, FPM			
	1	O-ring, PTFE			
21g	1	Screw	3135303621	3135303621	3135303621
			DN 40	DN 50	DN 65
			38 mm	51 mm	63.5 mm

Service kit for actuator

□ **Service kit** 9611920255 9611920255 9611920255

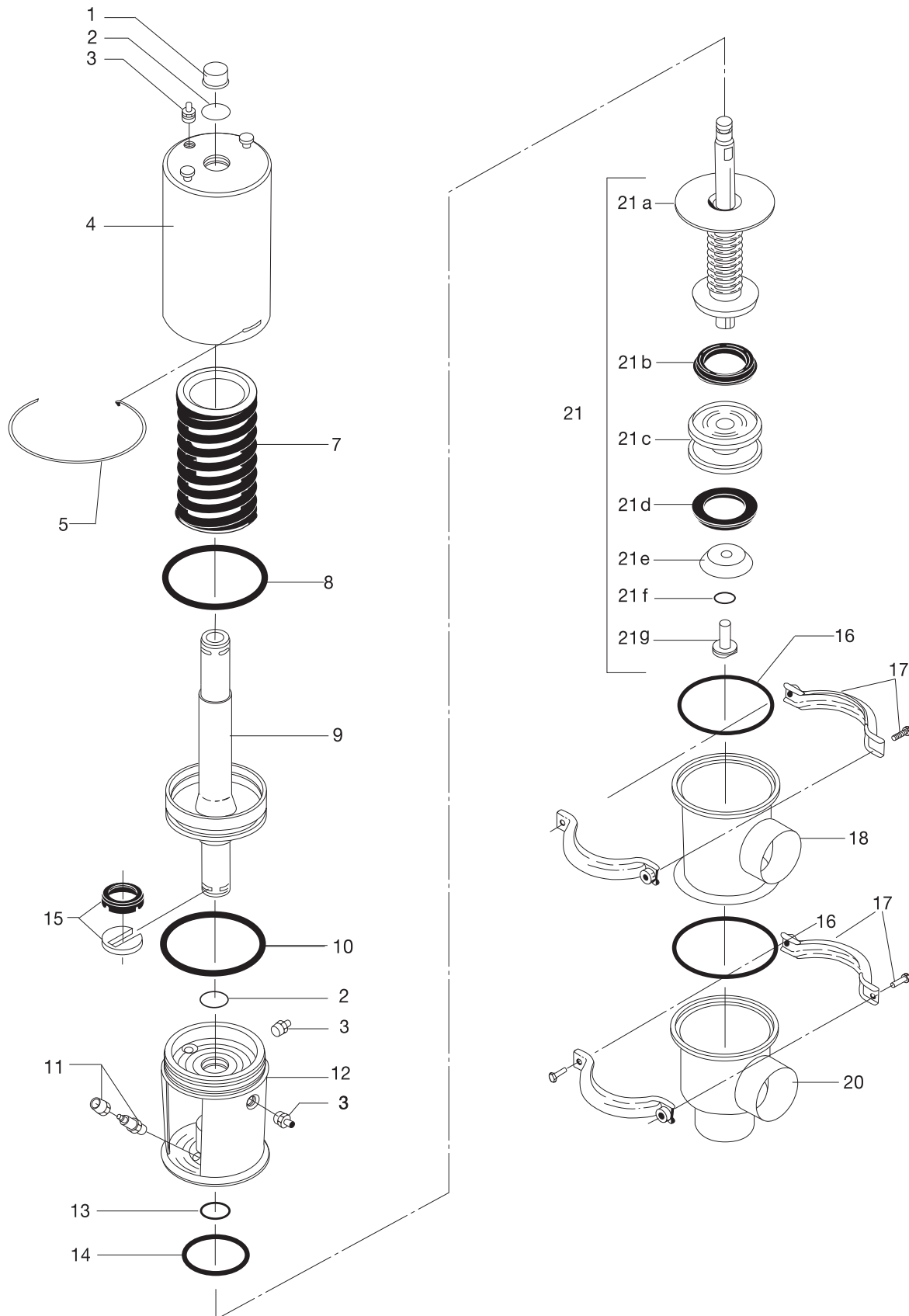
Service kit for product wetted parts, standard

♦ **Service kit EPDM** 9611920322 9611920326 9611920330
♦ **Service kit NBR** 9611920323 9611920327 9611920331
♦ **Service kit FPM** 9611920324 9611920328 9611920332
♦ **Service kit PTFE** 9611920325 9611920329 9611920333

Parts marked with □♦ are included in the service kit.

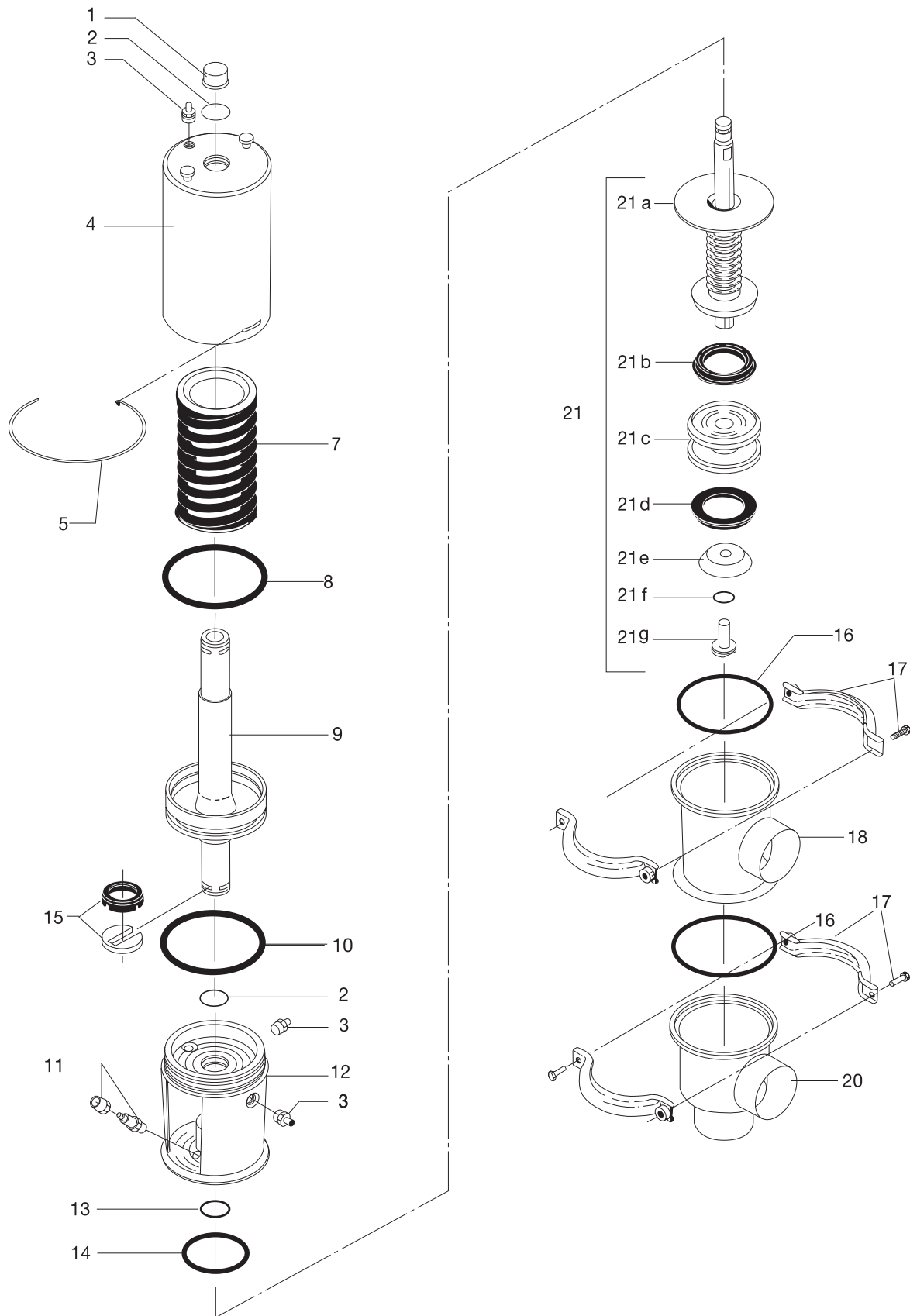
Recommended spare parts: service kits.

Not manufactured anymore



Pos	Qty	Denomination	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm
Actuator					
1	1	Actuator, -3, complete	9612188403	9612188403	9612188403
2	□ 2	Cap	3180105256	3180105256	3180105256
3	2	O-ring, NBR			
4	2	Deair screw (plug)			
5	□ 1	Cylinder	3135301391	3135301391	3135301391
7	1	Lock wire			
8	1	Spring assembly, standard (black)	3135306251	3135306251	3135306251
9	1	Spring assembly, with strong spring (white)	3135306252	3135306252	3135306252
10	□ 1	O-ring, NBR			
11	1	Piston, for NO and NC	3135306211	3135306211	3135306211
13	□ 1	Piston, for Air/Air	3135306212	3135306212	3135306212
14	□ 1	O-ring, NBR			
15	□ 1	Drain tube	3180114441	3180114441	3180114441
16	□ 1	O-ring			
17	□ 1	O-ring			
18	□ 1	Clip complete	3135307931	3135307931	3135307931
Valve body part					
Pos	Qty	Denomination	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm
Seal rings					
16	♦ 2	Seal ring, EPDM (standard)			
	2	Seal ring, NBR			
	2	Seal ring, FPM			
	2	Seal ring, PTFE			
Clamp					
17	2	Clamp complete	3132000271	3132000271	3132000271
Valve body					
18	1	Upper valve body, 1 port ISO	3135300531	3135300541	3135300551
	1	Upper valve body, 1 port DIN	9612094501	9612094601	9612094701
	1	Upper valve body, 2 ports ISO	3135300536	3135300546	3135300556
	1	Upper valve body, 2 ports DIN	9612094502	9612094602	9612094702
20	1	Lower valve body, 2 ports ISO	3135303751	3135303761	3135303801
	1	Lower valve body, 2 ports DIN	9612094001	9612094101	9612094201
	1	Lower valve body, 3 ports ISO	3135303756	3135303766	3135303806
	1	Lower valve body, 3 ports, DIN	9612094002	9612094102	9612094202

Not manufactured anymore



Pos	Qty	Denomination	DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm
Valve plug					
	1	Plug, complete NBR (period 9911-)	9612585510	9612585511	
	1	Plug, complete FPM (period 9911-)	9612585516		
	1	Plug, complete PTFE (period 9911-)	9612585522		9612585524
	1	Plug, single, complete EPDM (standard) (period 9512-9910)			
	1	Plug, single, complete NBR (period 9512-9910)			
	1	Plug, single, complete FPM (period 9512-9910)			
	1	Plug, single, complete PTFE (period 9512-9910)			
	1	Plug, double, complete EPDM (standard) (period 9512-9910)			
	1	Plug, double, complete NBR (period 9512-9910)			
	1	Plug, double, complete FPM (period 9512-9910)			
	1	Plug, double, complete PTFE (period 9512-9910)			
21a	1	Stem, (period 9911-)	9612585404	9612585405	9612585406
	1	Stem, single (period 9512-9910)			
	1	Stem, double (period 9512-9910)			
21b ♦	1	Plug seal upper, EPDM (standard)			
	1	Plug seal upper, NBR			
	1	Plug seal upper, FPM			
	1	Plug seal upper, PTFE			
21c	1	Middle piece, (period 9911-)	9612497201	9612497301	3135303651
	1	Middle piece, (period 9512-9910)			
21d ♦	1	Plug seal lower, EPDM (standard)			
	1	Plug seal lower, NBR			
	1	Plug seal lower, FPM			
	1	Plug seal lower, PTFE			
21e	1	Washer	3135303571	3135303581	3135303591
21f ♦	1	O-ring, EPDM (standard)			
	1	O-ring, NBR			
	1	O-ring, FPM			
	1	O-ring, PTFE			
21g	1	Screw, (period 9911-)	3135303621	3135303621	3135303621
	1	Screw, (period 9512-9910)			
			DN 40 38 mm	DN 50 51 mm	DN 65 63.5 mm

Service kit for actuator

□	Service kit	9611920255	9611920255	9611920255
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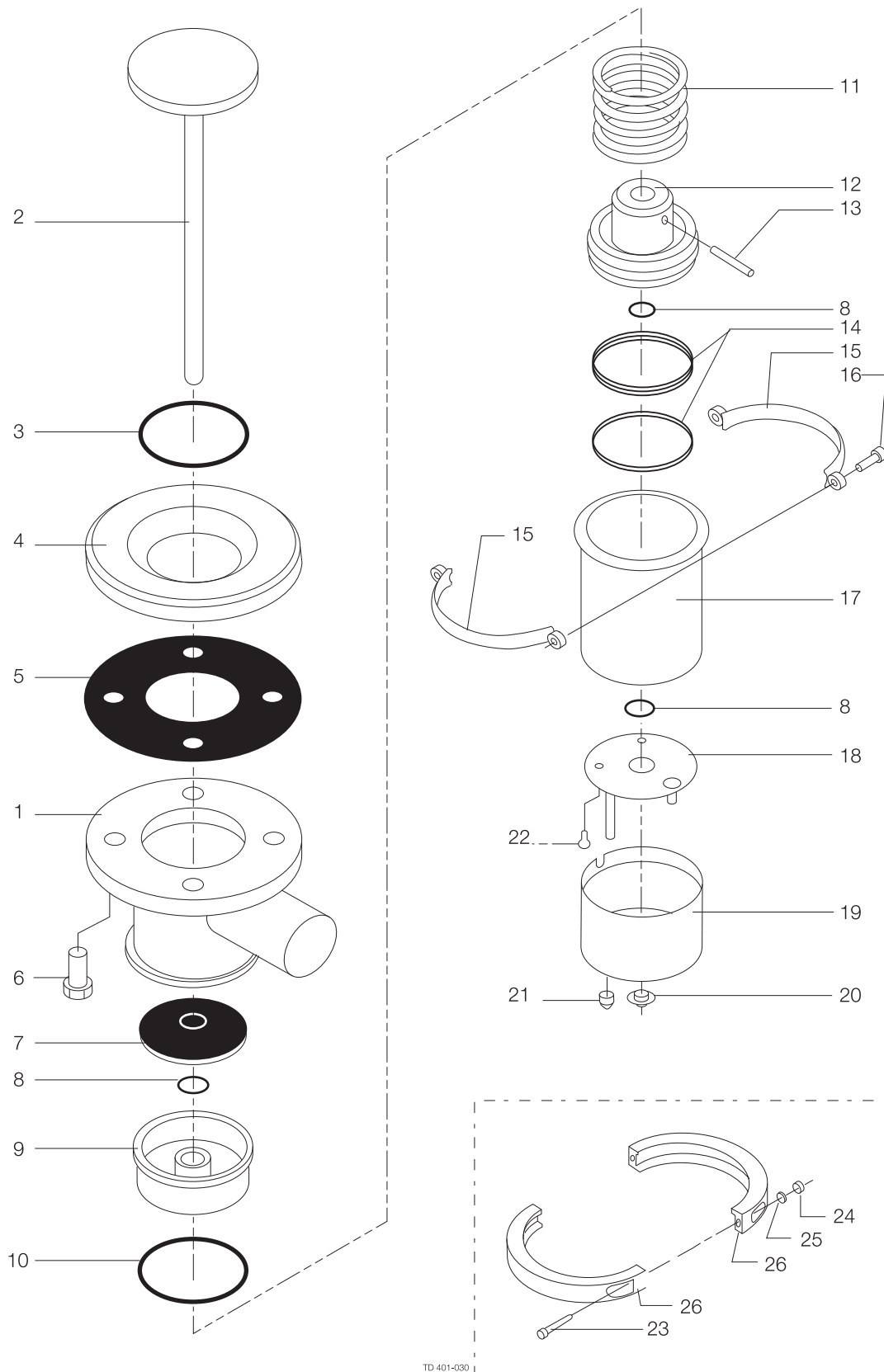
Service kit for product wetted parts, standard

♦	Service kit EPDM	9611920334	9611920338	9611920342
♦	Service kit NBR		9611920339	
♦	Service kit FPM	9611920336	9611920340	9611920344
♦	Service kit PTFE	9611920337	9611920341	9611920345

Parts marked with □♦ are included in the service kit.

Recommended spare parts: service kits.

Not manufactured anymore



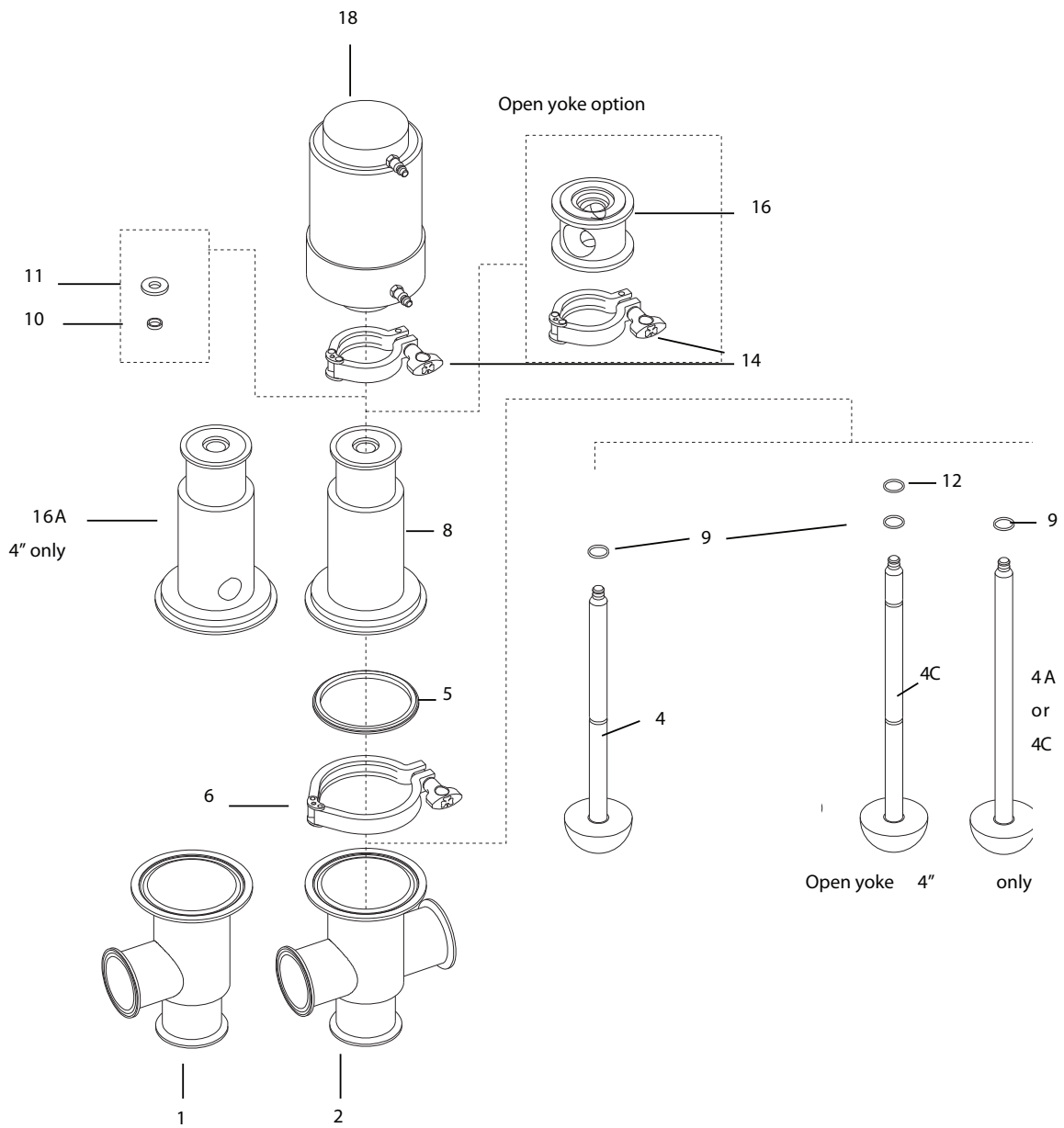
TD 401-030

AISI 316

Pos	Qty	Denomination	9611430911	9611430912	9611430913	9611430914
			51 mm	63.5 mm	76 mm	101.6 mm
1	1	Valve house				
2	1	Valve spindle	9611432591	9611432542	9611432542	9611432588
3	□	1 O-ring, NBR	9611990093	9611990043	9611990043	9611990031
		1 O-ring, EPDM	9611990543	99005102	99005102	9611990395
		1 O-ring, FPM	9611993152	9611991254	9611991254	9611991347
4	1	Mating flange				
5	□	1 Seal, NBR	9611990157	9611990158	9611990158	9611990159
		1 Seal, EPDM	9611991212	9611992616	9611992616	9611992617
		1 Seal, FPM	9611992613	9611991287	9611991287	9611992614
6	4	Hexagon screw	9611991216	9611991217	9611991217	9611990356
7	□	1 Lip seal, NBR (Std.)	9611403140	9611403140	9611403140	9611403140
		1 Lip seal, EPDM	9611403141	9611403141	9611403141	9611403141
		1 Lip seal, FPM	9611403142	9611403142	9611403142	9611403142
8	◆	3 O-ring, NBR	9611990049	9611990049	9611990049	9611990049
9	1	Bottom timber	9611402338	9611402338	9611402338	9611402501
10	◆	1 O-ring, NBR	9611990021	9611990021	9611990021	9611990044
11	1	Spring	9611990411	9611990411	9611990411	9611990411
12	1	Piston	9611402546	9611402546	9611402546	9611402587
13	1	Pin connex	9611990637	9611990637	9611990637	9611990637
14	◆	2 U-packing	9611990126	9611990126	9611990126	
		1 U-packing				9611990108
15	2	Clamp half	9611404860	9611404860	9611404860	
16	2	Allen screw	9611990371	9611990371	9611990371	
17	1	Aircylinder				
18	1	Plate	9611404930	9611404930	9611404930	9611404930
19	1	Cap	9611404920	9611404920	9611404920	9611404920
20	1	Rubber plug	9611991142	9611991142	9611991142	9611991142
21	2	Top nut	9611991143	9611991143	9611991143	9611991143
22	1	Screw	9611990218	9611990218	9611990218	9611990218
23	2	Allen screw				9611990203
24	2	Nut				9611990204
25	2	Washer				9611990756
26	2	Clamp half				9611402660
			51 mm	63.5 mm	76 mm	101.6 mm
Service Kits for Actuator						
◆		Service kits	9611924031	9611924031	9611924031	9611924032
Service Kits for Product wetted parts						
□		Service kit, NBR	9611924033	9611924034	9611924034	9611924035
□		Service kit, EPDM	9611924036	9611924037	9611924037	9611924038
□		Service kit, FPM	9611924039	9611924040	9611924040	9611924041

Parts marked with □◆ are included in the service kit.

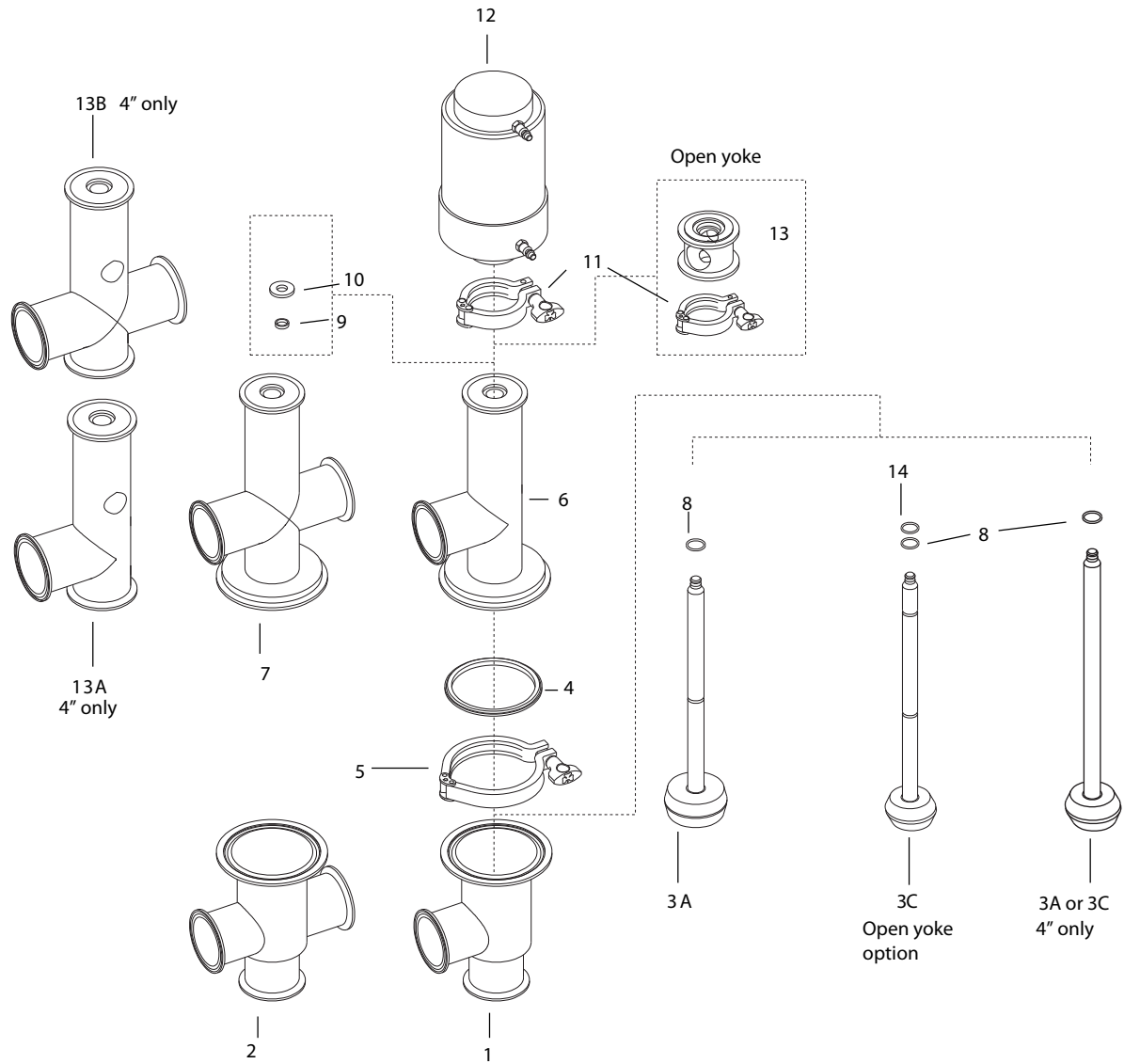
Recommended spare parts: Service kit.



Pos	Qty	Denomination	1"	1 1/2"	2"	2 1/2"	3"	4"
1	1	Lower body model 10	NA	NA	NA	NA	NA	NA
2	1	Lower body model 30	NA	NA	NA	NA	NA	NA
4A	1	Valve plug, BUNA	772017	776834	776807	776863	770292	772622
	1	Valve plug, EPDM	NA	NA	770964	771764	770613	770591
	1	Valve plug, SFY	NA	771977	772042	771902	772036	772623
5	□♦	Body gasket, BUNA	755415	755415	755416	755417	755418	755421
	□♦	Body gasket, EPDM	750157	750157	750162	751799	750811	750686
	□♦	Body gasket, SFY	750667	750667	750497	750209	750609	750738
6	1	Body clamp	212205	212205	212206	212207	212208	212209
8	1	Bonnet 10 & 30	NA	NA	NA	NA	NA	NA
9	□	Stem O-ring, BUNA	755351	755351	755351	755357	755357	300543
	□	Stem O-ring, EPDM	750036	750036	750036	750037	750037	300016
	□	Stem O-ring, SFY	750172	750172	750172	750173	750173	300061
10	□♦	Bonnet O-ring, BUNA	755357	755357	755357	755370	755370	755370
	□♦	Bonnet O-ring, EPDM	750037	750037	750037	750132	750132	750132
	□♦	Bonnet O-ring, SFY	750173	750173	750173	750077	750077	750077
11	1	Ss washer	754781	754781	754781	754776	754776	754776
12	♦	Stem O-ring, BUNA	755388	755388	755388	755542	755542	NA
	♦	Stem O-ring, EPDM	750004	750004	750004	750728	750728	NA
	♦	Stem O-ring, SFY	750084	750084	750084	751715	751715	NA
14	1	Actuator clamp	212196	212196	212196	212196	212196	212196
15	1	See actuator section						
16	1	Open yoke	NA	NA	NA	NA	NA	NA
16A	1	OY bonnet	NA	NA	NA	NA	NA	NA

Parts marked with □♦ are included in the service kits.

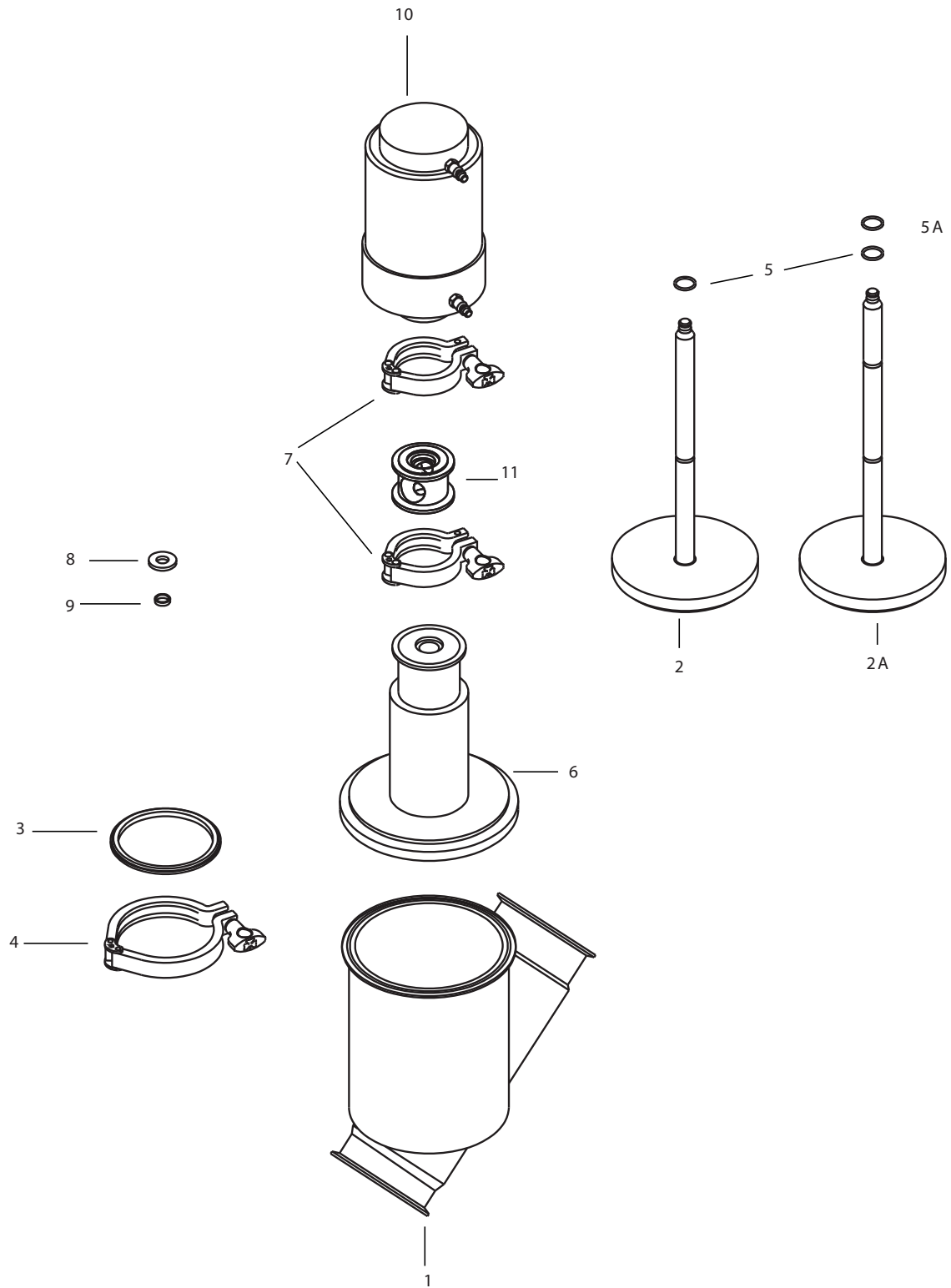
		1"	1 1/2"	2"	2 1/2"	3"	4"
□	161 Service Kit BUNA . . .	9613990184	9613990184	9613990187	9613990190	9613990193	9613990196
□	161 Service Kit EPDM . . .	9613990185	9613990185	9613990188	9613990191	9613990194	9613990197
□	161 Service Kit SFY	9613990186	9613990186	9613990189	9613990192	9613990195	9613990198
♦	161OY Service Kit BUNA .	9613990199	9613990199	9613990202	9613990205	9613990208	9613990211
♦	161OY Service Kit EPDM .	9613990200	9613990200	9613990203	9613990206	9613990209	9613990212
♦	161OY Service Kit SFY . .	9613990201	9613990201	9613990204	9613990207	9613990210	9613990213



Pos	Qty	Denomination	1 1/2"	2"	2 1/2"	3"	4"
1	1	Lower body models, 21 & 41	NA	NA	NA	NA	NA
2	1	Lower body models, 23 & 43	NA	NA	NA	NA	NA
3A	1	Valve plug, BUNA	770810	776823	770511	770520	770100
	1	Valve plug, EPDM	772678	772410	770413	770555	770580
	1	Valve plug, SFY	772240	772240	772333	770574	770576
3C	1	OY valve plug BUNA	773090	773081	771872	771653	770100
4	□♦	Body gasket, BUNA	755415	755416	755417	755418	755421
	□♦	Body gasket, EPDM	750157	750062	751799	750811	750686
	□♦	Body gasket, SFY	750667	750497	750209	750209	750738
5	1	Body clamp	212205	212206	212207	212208	212209
6	1	Upper body models, 21 & 23	NA	NA	NA	NA	NA
7	1	Upper body models, 41 & 43	NA	NA	NA	NA	NA
8	□	Stem O-ring, BUNA	755351	755351	755357	755357	300543
	□	Stem O-ring, EPDM	750036	750036	750037	750037	300016
	□	Stem O-ring, SFY	750172	750172	750173	750173	300061
9	□♦	Bonnet O-ring, BUNA	755357	755357	755370	755370	755370
	□♦	Bonnet O-ring, EPDM	750037	750037	750132	750132	750132
	□♦	Bonnet O-ring, SFY	750173	750173	750077	750077	750077
10	1	Ss washer	754781	754781	754776	754776	754776
11	1	Actuator clamp	212196	212196	212196	212196	212196
12		See actuator section					
13	1	Open yoke	NA	NA	NA	NA	NA
13A	1	Open yoke body models, 21 & 23	NA	NA	NA	NA	NA
13B	1	Open yoke body models, 41 & 43	NA	NA	NA	NA	NA
14	♦	Stem O-ring, BUNA	755388	755388	755542	755542	NA
	♦	Stem O-ring, EPDM	750004	750004	750728	750728	NA
	♦	Stem O-ring, SFY	750084	750084	751715	751715	NA

Parts marked with □♦ are included in the service kits.

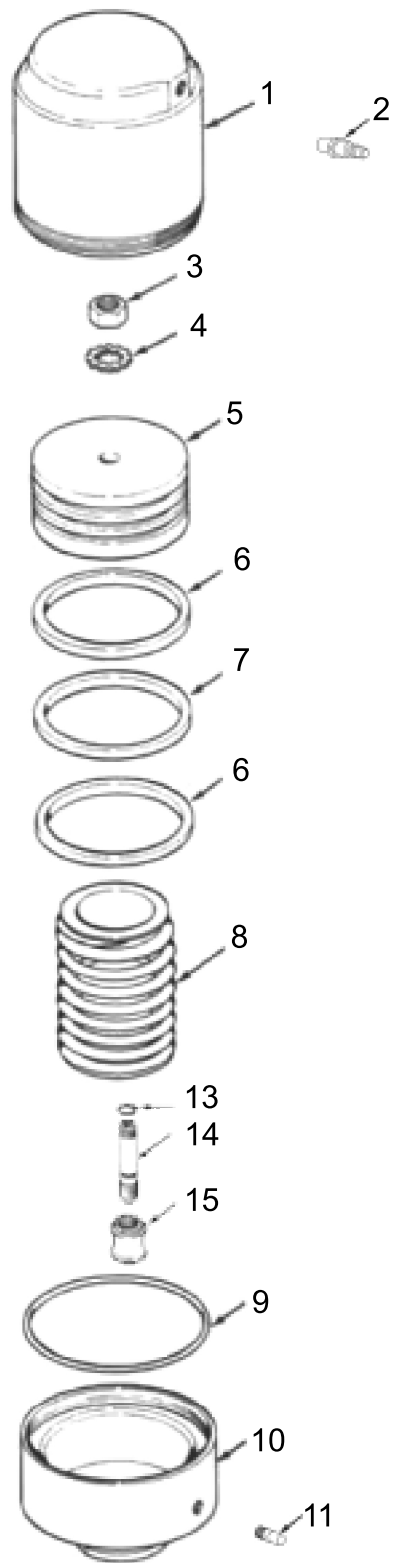
		1 1/2"	2"	2 1/2"	3"	4"
□	161 Service Kit BUNA	9613990184	9613990187	9613990190	9613990193	9613990196
□	161 Service Kit EPDM	9613990185	9613990188	9613990191	9613990194	9613990197
□	161 Service Kit SFY	9613990186	9613990189	9613990192	9613990195	9613990198
♦	161OY Service Kit BUNA	9613990199	9613990202	9613990205	9613990208	9613990211
♦	161OY Service Kit EPDM	9613990200	9613990203	9613990206	9613990209	9613990212
♦	161OY Service Kit SFY	9613990201	9613990204	9613990207	9613990210	9613990213



Pos	Qty	Denomination	1"	1 1/2"	2"	2 1/2"	3"	4"
1	1	Valve, "Y" Body	621066	622268	623368	620754	620754	620235
2	1	Valve, plug assembly, BUNA	770333	770515	770472	772074	778257	770712
	1	Valve, plug assembly, EPDM	NA	771354	NA	NA	NA	NA
2A	1	Valve, plug assembly, SFY	NA	770829	772447	772927	772051	772106
	1	OY Valve, plug assembly, BUNA	NA	770592	771812	770031	773117	773167
	1	OY Valve, plug assembly, EPDM	NA	NA	770129	NA	NA	NA
	1	OY Valve, plug assembly, SFY	NA	NA	770153	770926	770054	NA
3	□♦	Body, gasket, BUNA	299317	298454	298455	298456	298360	299320
	□♦	Body, gasket, EPDM	NA	290048	290036	290018	290037	290315
	□♦	Body, gasket, SFY	290015	290040	290049	290053	9634049347	290225
4	1	Body, clamp	NA	212206	212207	755345	755114	270085
5	□	O-ring, valve plug stem, BUNA	755351	755351	755351	755357	755357	755357
	□	O-ring, valve plug stem, EPDM	750036	750036	750036	750037	750037	750037
	□	O-ring, valve plug stem, SFY	750172	750172	750172	750173	750173	750173
5A	♦	OY O-ring, valve plug assembly, BUNA	755388	755388	755388	755542	755542	755542
	♦	OY O-ring, valve plug assembly, EPDM	750004	750004	750004	750728	750728	750728
	♦	OY O-ring, valve plug assembly, SFY	750084	750084	750084	751715	751715	751715
6	1	Valve, bonnet	NA	NA	NA	NA	NA	NA
7	1	Actuator clamp	212196	212196	212196	212196	212196	212196
8	1	Stainless steel washer	754781	754781	754781	754776	754776	754776
9	□♦	O-ring, valve bonnet, BUNA	755357	755357	755357	755370	755370	755370
	□♦	O-ring, valve bonnet, EPDM	755037	755037	755037	750132	750132	750132
	□♦	O-ring, valve bonnet, SFY	750173	750173	750173	750077	750077	750077
10	1	Actuator-Type 10	NA	751170	751185	751186	751187	On Application
	1	Actuator-Type 20	751196	751168	751189	NA	NA	NA
	1	Actuator-Type 30	NA	759348	751274	NA	751130	751191
11	1	Yoke OY	NA	NA	NA	NA	NA	NA

Parts marked with □♦ are included in the service kits.

		1"	1 1/2"	2"	2 1/2"	3"	4"
□	161 Service Kit BUNA . . .	9613990232	9613990235	9613990238	9613990241	9613990244	9613990247
□	161 Service Kit EPDM . . .	9613990233	9613990236	9613990239	9613990242	9613990245	9613990248
□	161 Service Kit SFY	9613990234	9613990237	9613990240	9613990243	9613990246	9613990249
♦	161OY Service Kit BUNA . .	9613990214	9613990217	9613990220	9613990223	9613990226	9613990229
♦	161OY Service Kit EPDM . .	9613990215	9613990218	9613990221	9613990224	9613990227	9613990230
♦	161OY Service Kit SFY . . .	9613990216	9613990219	9613990222	9613990225	9613990228	9613990231

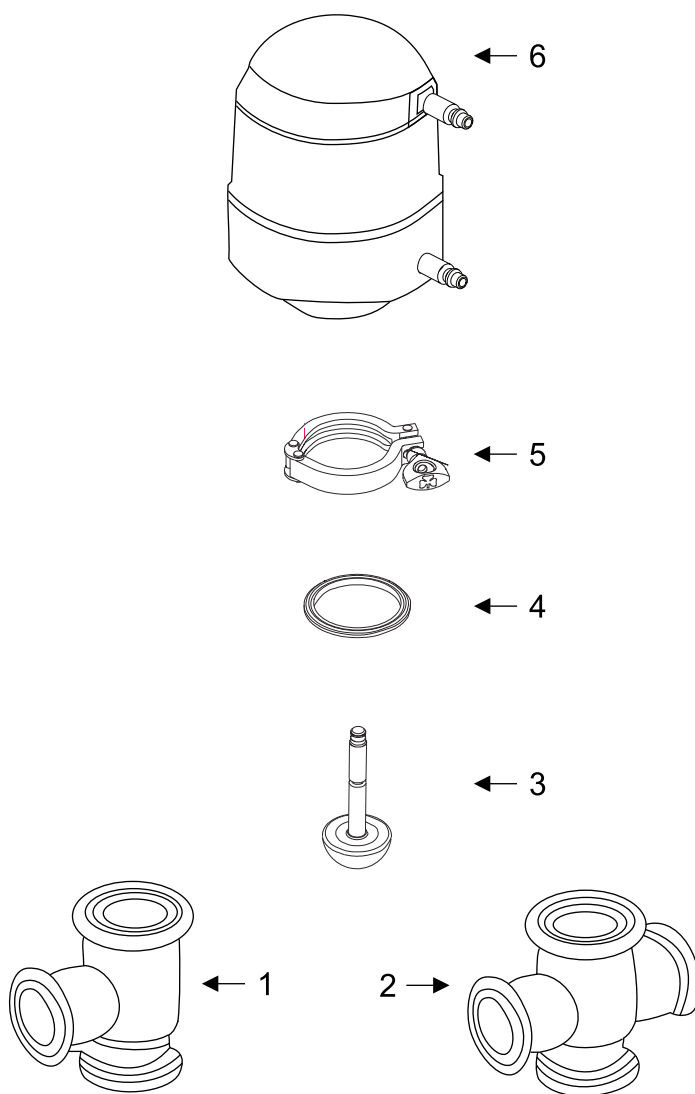


Pos	Qty	Denomination	Shut Off 1", 1		Shut Off 2 1/2",		Shut Off / Divert	
			1/2", 2"	3"	Divert 1 1/2", 2"	4" / 2 1/2"	Divert 3", 4"	
16	1	Actuator Type 10	751170	751184	751185	751186	751187	
	1	Actuator Type 20	751168	751188	751189	751190	751131	
1	1	Actuator body cylinder	750846	750896	750983	750984	750985	
2	1	Air coupler adapter	764098	764098	764098	764098	764098	
3	1	Nut	189923	189923	189923	189923	189923	
4	1	Lockwasher	189971	189971	189971	189971	189971	
5	1	Spring assembly	750832	750833	750834	750835	750836	
6	□	2 Vee block packing	755460	755460	755460	755460	755460	
7	□	Felt seal	755464	755464	755464	755464	755464	
8	1	Piston	767870	767870	767870	767870	767870	
9	□	1 O-ring	296608	296608	296608	296608	296608	
10	1	Bonnet	753824	753824	753824	753824	753824	
11	1	Vented plug	181256	181256	181256	181256	181256	
12	□	1 O-ring	755353	755353	755353	755353	755353	
13	□	1 O-ring	755388	755388	755388	755388	755388	
14	1	Coupler stud	778186	778186	778186	778186	778186	
15	1	Coupler	764241	764241	764241	764241	764241	

Parts marked with □ are included in the service kits.

Service kit 9613990040

Not manufactured anymore



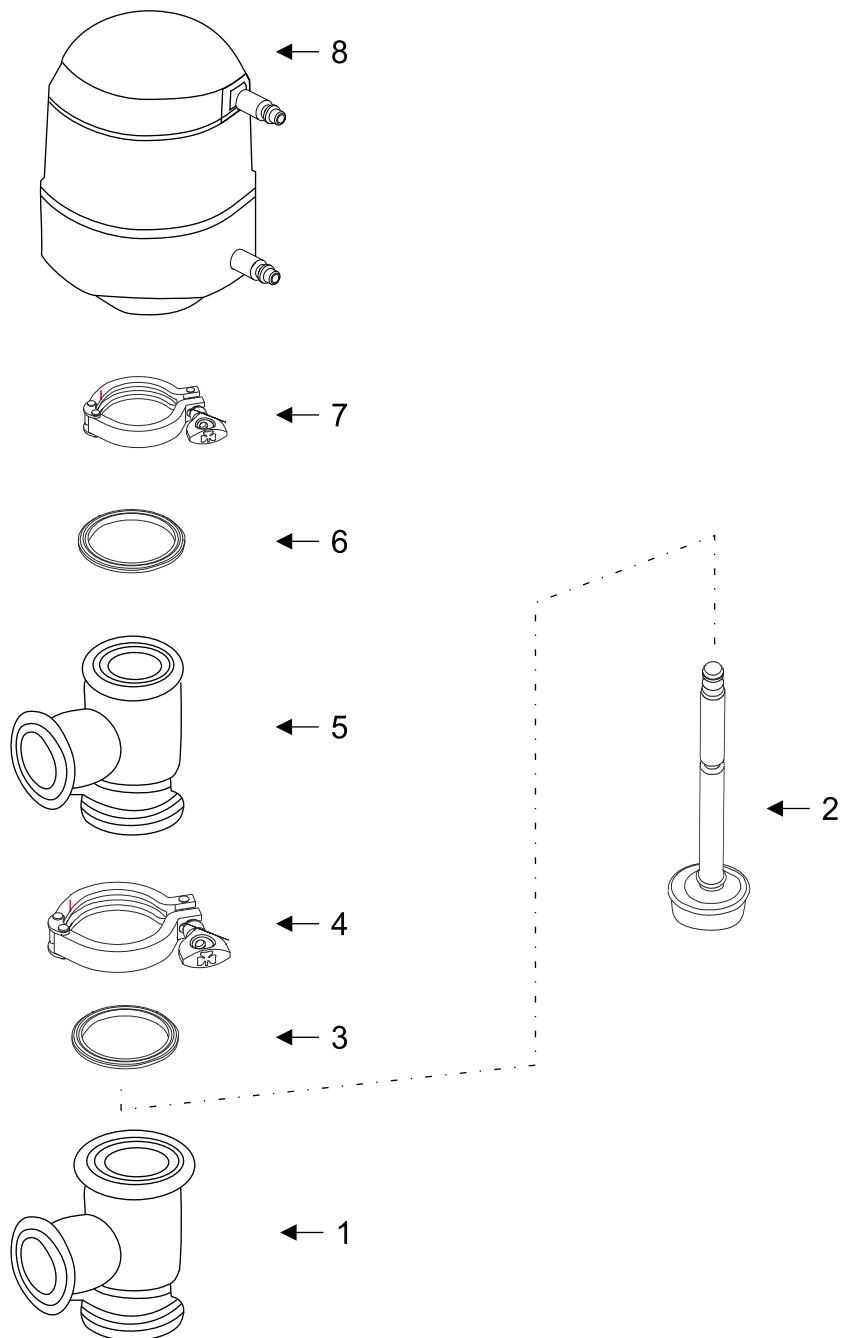
Pos	Qty	Denomination	1 1/2"	2"	2 1/2"	3"
1	1	Valve body: Tee #10	NA	NA	NA	NA
2	1	Valve body: Cross #30	NA	NA	NA	NA
3	1	Valve plug BUNA	770074	776630	772039	770797
	1	Valve plug EPDM	NA	771660	771219	772366
	1	Valve plug SFY	772247	772020	772149	772053
	1	Valve plug: TR	770624	770627	770628	770634
	1	TR Seat	751525	750943	750947	751268
4	1	Body O-ring BUNA	755469	755470	755471	755472
	1	Body O-ring EPDM	750134	750214	750304	750215
	1	Body O-ring SFY	751544	751545	751546	751547
5	1	Body clamp	755035	755036	755037	755038
6	1	Actuator	NA	NA	NA	NA

Not manufactured anymore

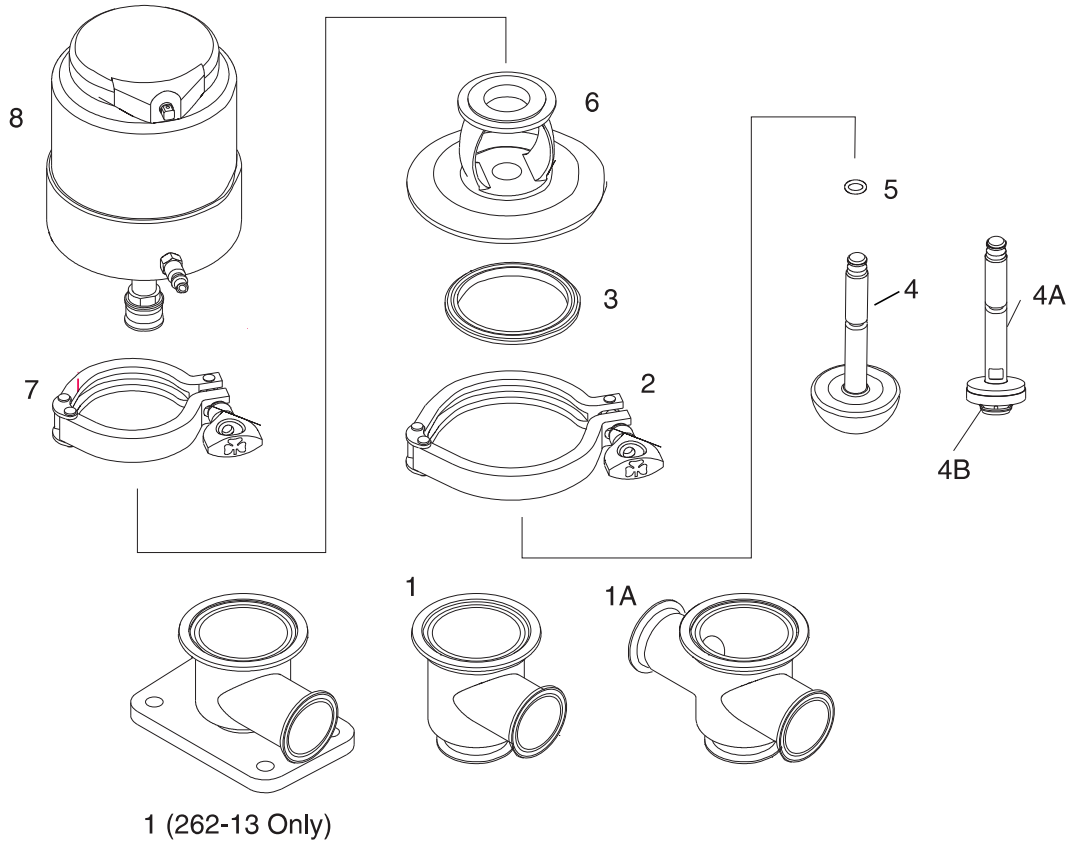
Pos	Qty	Denomination	1 1/2"	2"	1 1/2"	3"
3	1	Vented plug	181256	181256	181256	181256
4	1	Nut	189923	189923	189923	189923
5	1	Lockwasher	189971	189971	189971	189971
6	1	Spring assembly-shut off	3103763	3103763	750832	750833
7	1	Spring assembly-divert	3103763	3103763	750833	759550
8	□ 2	Vee block packing	755460	755460	755460	755460
9	□ 1	Felt seal	755464	755464	755464	755464
10	1	Piston	767870	767870	767870	767870
11	□ 1	O-ring	296608	296608	296608	296608
14	1	Air coupler adaptor	764098	764098	764098	764098
15	□ 2	O-ring	755357	755357	755370	755370
16	□ 1	O-ring	755388	755388	755388	755388
17	1	Coupler stud	778186	778186	778186	778186
18	1	Coupler	764241	764241	764241	764241
			1 1/2"	2"	1 1/2"	3"
□		Service Kit	9613990038	9613990038	9613990039	9613990039

Parts marked with □ are included in the service kits.

Not manufactured anymore



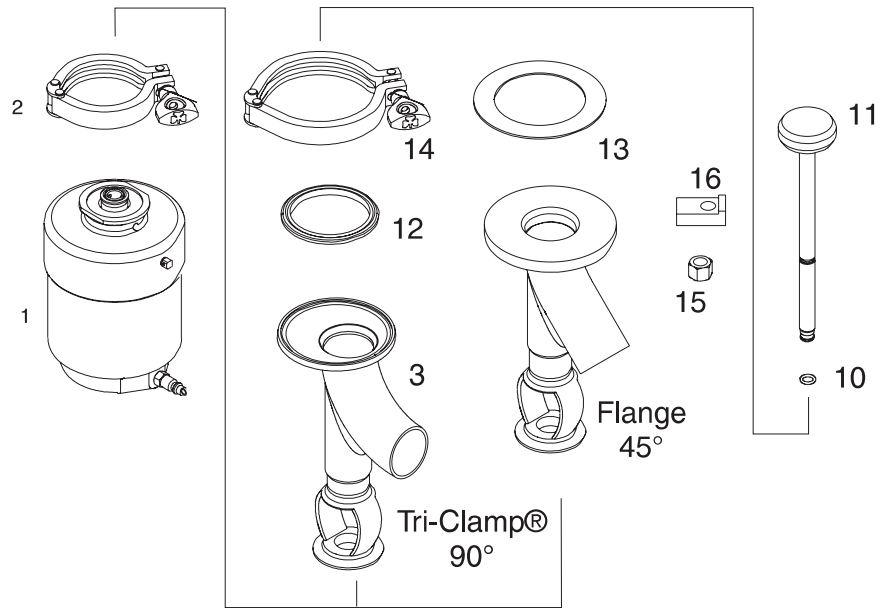
Pos	Qty	Denomination	1 1/2"	2"	2 1/2"	3"
1	1	Valve body:Lower	NA	NA	NA	NA
2	1	Valve plug BUNA	776884	776685	772040	770819
	1	Valve plug EPDM	NA	772046	772001	772155
	1	Valve plug SFY	772957	772115	772148	772107
	1	Valve plug:TR	770657	770660	770671	770678
	1	TR Seats	751525	750943	750947	751268
3	1	Body O-ring BUNA	755469	755470	755471	755472
	1	Body O-ring EPDM	750134	750214	750304	750215
	1	Body O-ring SFY	751544	751545	751546	751547
4	1	Body clamp	755035	755036	755037	755038
5	1	Valve body: Upper	NA	NA	NA	NA
6	1	O-ring BUNA	755474	750216	755470	755471
7	1	Body clamp	755035	755036	755037	755038
8	1	Actuator	NA	NA	NA	NA



Pos	Qty	Denomination	2"	2 1/2"	3"	
1	1	Valve body:, 262-47	NA	NA	NA	
	1	Valve body:, 262-48	NA	NA	NA	
	1	Valve body:, 262-49	NA	NA	NA	
	1	Valve body:, 262-50	NA	NA	NA	
	1	Valve body:, 262-13	NA	NA	NA	
	1	Valve body:, 262-123	NA	NA	NA	
1A	1	Valve body:, 262-51	NA	NA	NA	
	1	Valve body:, 262-52	NA	NA	NA	
2	1	Body clamp	270266	270267	212211	
3	□♦	1	Body gasket, BUNA	755417	755419	755420
	□♦	1	Body gasket, EPDM	751799	750812	750322
	□♦	1	Body gasket, SFY	750209	750210	750610
4	1	Valve plug:, 262-47 & 52 BUNA	771249	771680	771682	
	1	Valve plug:, 262-47 & 52 EPDM	771264	N/A	772089	
	1	Valve plug:, 262-47 & 52 SFY	771981	772291	770177	
	1	Valve plug:, plug:262-13 & 123 BUNA	776530	776553	776652	
	1	Valve plug:, plug:262-13 & 123 EPDM	770720	770730	771880	
	1	Valve plug:, plug:262-13 & 123 SFY	770274	771925	771708	
4A	1	TR valve plug	778356	778358	770721	
4B	♦	1	TR snap on seat	750943	750947	751268
5	□♦	1	O-ring stem, BUNA	755351	755357	755357
	□♦	1	O-ring stem, EPDM	750036	750037	750037
	□♦	1	O-ring stem, SFY	750172	750173	750173
6	1	Valve bonnet	754040	754054	754038	
7	1	Actuator clamp	212196	212196	212196	
8	1	Actuator type 220	750785	750785	750785	

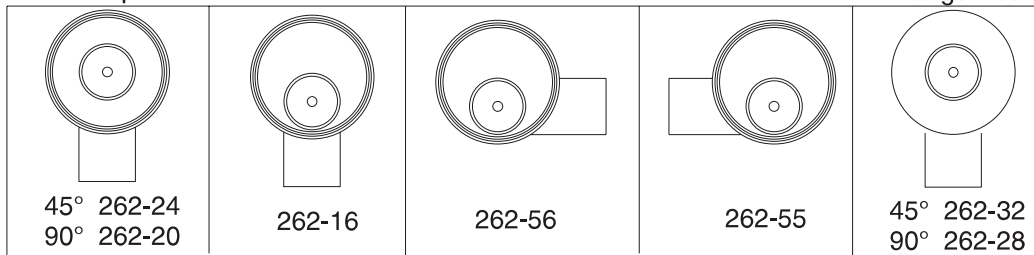
Parts marked with □♦ are included in the service kits.

		2"	2 1/2"	3"
included in non TR Service Kits				
□	Buna	9613990267	9613990270	9613990273
□	EPDM	9613990268	9613990271	9613990274
□	SFY	9613990269	9613990272	9613990275
included in TR Service Kits				
♦	Buna	9613990288	9613990291	9613990294
♦	EPDM	9613990289	9613990292	9613990295
♦	SFY	9613990290	9613990293	9613990296



Tri-Clamp® Bodies

Flange Bodies

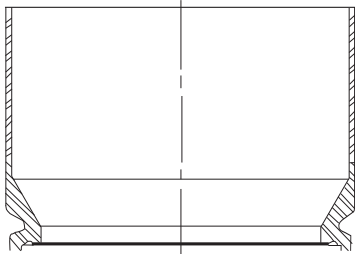


KETTLE VALVE PORT CONFIGURATION
Bottom View - Looking into valve body through mounting end.

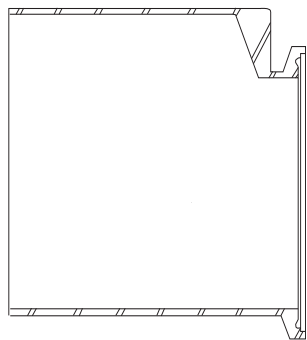
Pos	Qty	Denomination	2"	2 1/2"	3"	4"
1	1	Actuator	750799	750799	750799	750799
2	1	Actuator clamp	212196	212196	212196	212196
3	1	Valve body:, 262-16	NA	NA	NA	NA
4	1	Valve body:, 262-20a	NA	NA	NA	NA
5	1	Valve body:, 262-24a	NA	NA	NA	NA
6	1	Valve body:, 262-28a	NA	NA	NA	NA
7	1	Valve body:, 262-32	NA	NA	NA	NA
8	1	Valve body:, 262-55a	NA	NA	NA	NA
9	1	Valve body:, 262-56a	NA	NA	NA	NA
10	□♦	1 O-ring stem, BUNA	755351	755357	755357	755370
	□♦	1 O-ring stem, EPDM	750036	750037	750037	750132
	□♦	1 O-ring stem, SFY	750172	750173	750173	750077
11	1	Valve plug , BUNA	770133	770334	770451	770458
	1	Valve plug , EPDM	771859	770085	772679	9634050278
	1	Valve plug , SFY	770033	772331	771801	770206
	1	Valve plug, Threaded coupler end BUNA	NA	NA	NA	770197
	1	Valve plug, Threaded coupler end EPDM	NA	NA	NA	770729
11A	1	Coupler nut	NA	NA	NA	180440
12	□	1 Body gasket, BUNA	755418	755418	755421	755421
	□	1 Body gasket, EPDM	750811	750811	750686	750686
	□	1 Body gasket, SFY	750609	750609	750738	750738
13	□♦	1 Body gasket, BUNA for 262-28 & 32	755423	755423	755423	755423
	□♦	1 Body gasket, EPDM for 262-28 & 32	750949	750949	750949	9634051854
	□♦	1 Body gasket, SFY for 262-28 & 32	750123	750123	750123	751443
14	1	Body clamp for 262-16,20,24,55,56	212208	212208	212209	212209
15	4	Nut for 262-28 & 32	754288	754288	754288	754288
16	4	Clamp for 262-28 & 32	755057	755057	755057	755057

Parts marked with □♦ are included in the service kits.

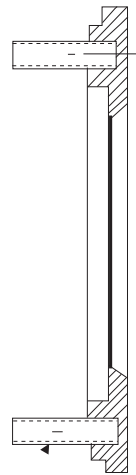
		2"	2 1/2"	3"	4"
included in Service Kits					
□	Buna	9613990276	9613990279	9613990282	9613990285
□	EPDM	9613990277	9613990280	9613990283	9613990286
□	SFY	9613990278	9613990281	9613990284	9613990287
included in Service Kits for 262-28 & 32					
♦	Buna	9613990255	9613990258	9613990261	9613990264
♦	EPDM	9613990256	9613990259	9613990262	9613990265
♦	SFY	9613990257	9613990260	9613990263	9613990266



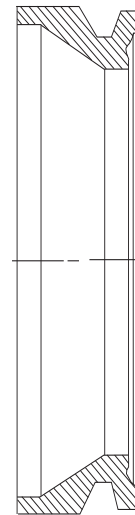
262-31 and 262-35



262-57, 262-58, 262-22

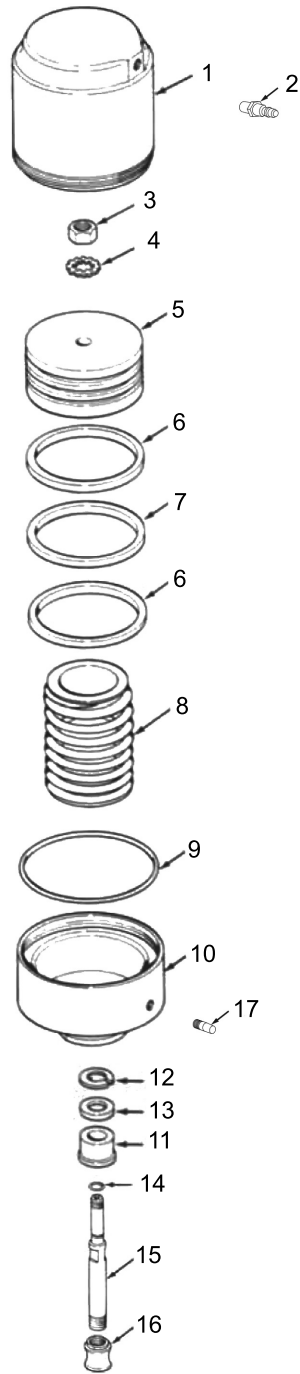


262-29 and 262-33



262-21

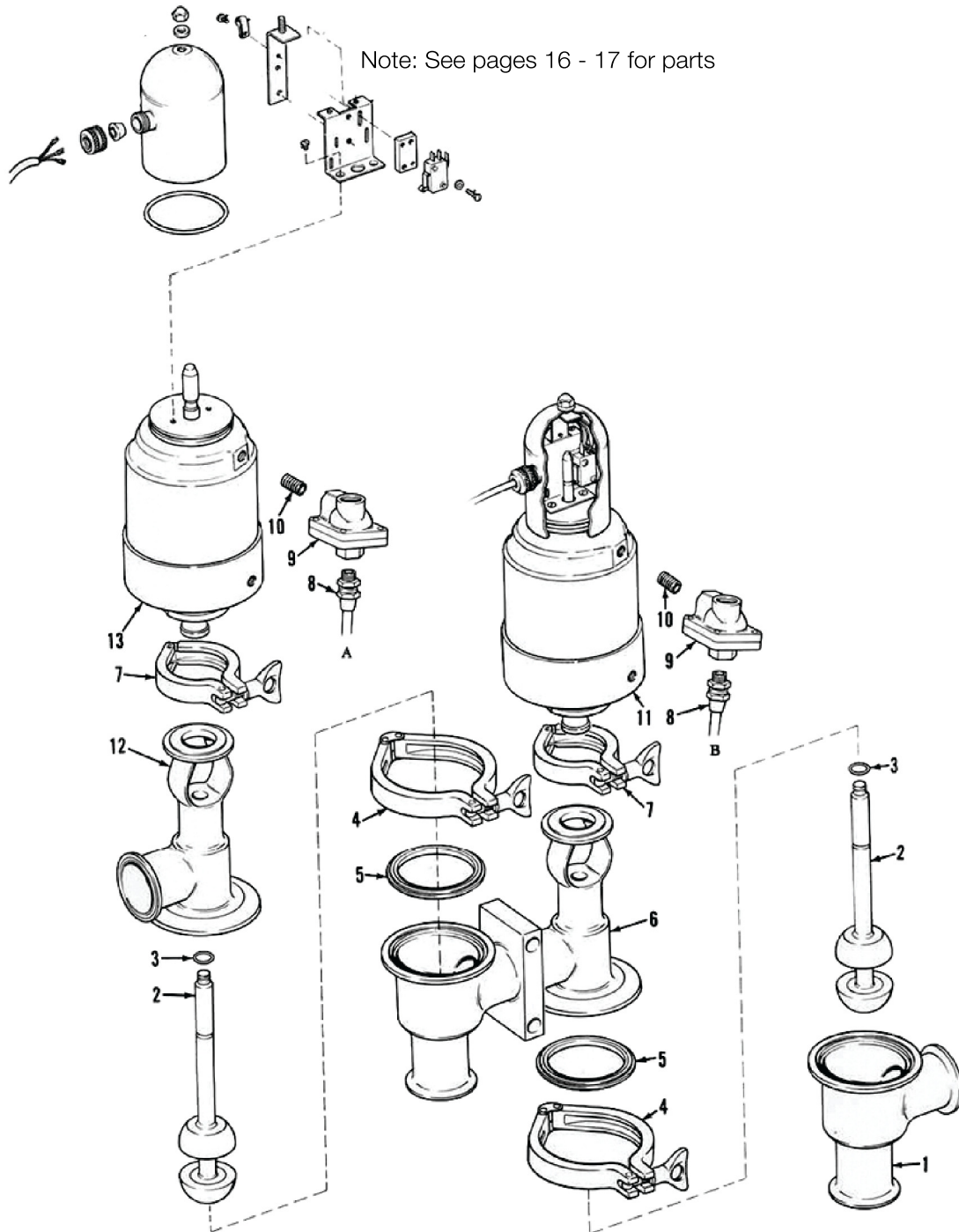
Pos	Qty	Denomination	2"	2 1/2'	3"	4"
	1	Ferrule, 262-21	761580	761580	760938	760938
	1	Ferrule, 262-22	762284	762284	760948	760948
	1	Ferrule, 262-29	760766	760766	760766	760837
	1	Ferrule, 262-31	760928	760928	760345	760345
	1	Ferrule, 262-33	760766	760766	760766	760837
	1	Ferrule, 262-35	760928	760928	760345	760345
	1	Ferrule, 262-57	762284	762284	760948	760948
	1	Ferrule, 262-58	762284	762284	760948	760948



Pos	Qty	Denomination	
1	1	Cylinder	750846
2	1	Air coupler adapter	764098
3	1	Nut	189923
4	<input type="checkbox"/>	1 Lockwasher	189971
5	1	Piston	767870
6	<input type="checkbox"/>	2 Vee block packing	755460
7	<input type="checkbox"/>	1 Felt seal	755464
8	1	Spring assembly	750832
9	<input type="checkbox"/>	1 O-ring	296608
10	1	Bonnet	753826
11	1	Bushing	764754
12	<input type="checkbox"/>	1 Retainer ring	755090
13	<input type="checkbox"/>	1 V Packing	755461
14	<input type="checkbox"/>	1 O-ring	755388
15	1	Stem	750605
16	1	Coupler	764241
17	1	Vented plug	181256

Parts marked with are included in the service kits.

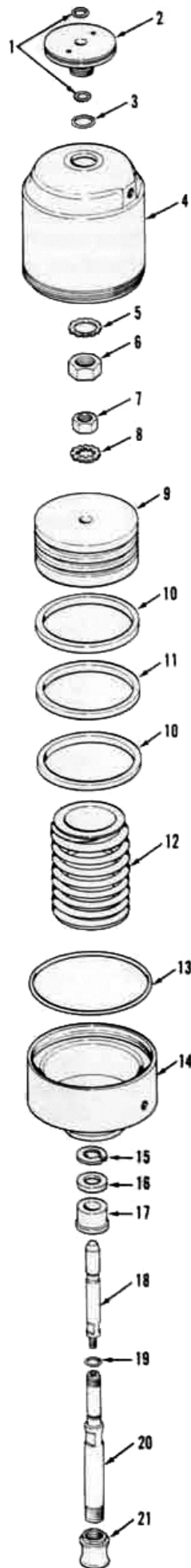
<input type="checkbox"/>	Service kit	9613990037
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Pos	Qty	Denomination	1½"	2"	2 1/2"	3"	3H
1	1	Lower body-divert Valve	NA	NA	NA	NA	NA
2	2	Valve plug, EPDM	771372	770607	771912	770639	770639
	2	Valve plug, SFY	772035	771755	771311	771815	771815
	2	Valve plug, TR	770602	770597	770600	770625	770625
3	2	O-ring, BUNA	755351	755351	755357	755357	755357
	2	O-ring, EPDM	750036	750036	750037	750037	750037
	2	O-ring, SFY	750172	750172	750173	750173	750173
4	2	Clamp-body	212198	270266	270267	212211	212211
5	2	Gasket-body, BUNA	755416	755417	755419	755420	755420
	2	Gasket-body, EPDM	750062	751799	750812	750322	750322
	2	Gasket-body, SFY	750497	750209	750210	750210	750210
6	1	Body assembly-valve	NA	NA	NA	NA	NA
7	2	Clamp-actuator	212196	212196	212196	212196	212196
8	2	Connector-hose	764027	764027	764027	764027	764027
9	2	Quick exhaust valve	762365	762365	762365	762365	762365
10	2	Nipple-pipe	360583	360583	360583	360583	360583
11	2	Actuator-complete	751053	751053	750794	751054	751055
12	1	Upper body	NA	NA	NA	NA	NA
13	1	Actuator-complete	751053	751053	750794	751054	751055
35	1	Air filter	NA	NA	NA	NA	NA
36	1	Control panel, 115V	NA	NA	NA	NA	NA
	1	Control panel, 220V	NA	NA	NA	NA	NA
37	2	Hose (10' long)	NA	NA	NA	NA	NA
38	2	Connector	NA	NA	NA	NA	NA

Parts marked with □ are included in the service kits.

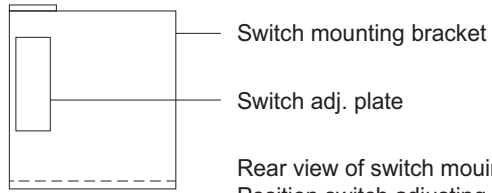
		1 1/2"	2"	2 1/2"	3"
□	BUNA	9613990172	9613990175	9613990179	9613990181
□	EPDM	9613990173	9613990176	9613990179	9613990182
□	SFY	9613990174	9613990177	9613990180	9613990183



Pos	Qty	Denomination	2"	2 1/2"	3"	3H
1	<input type="checkbox"/>	2 O ring-base plate to stem	755388	755388	755388	755388
2		1 Base plate	759592	759592	759592	759592
3	<input type="checkbox"/>	1 O ring-base plate to housing	755531	755531	755531	755531
4		1 Cylinder-actuator body	750830	750830	750830	750830
5		1 Lock washer-base plate nut	754869	754869	754869	754869
6		1 Nut-base plate	754338	754338	754338	754338
7		1 Nut-actuator stem	189923	189923	189923	189923
8		1 Lock washer stem	189971	189971	189971	189971
9		1 Piston	767870	759405	759405	759405
10	<input type="checkbox"/>	2 Packing	755460	755460	755460	755460
11	<input type="checkbox"/>	1 Felt seal	755464	755464	755464	755464
12		1 Spring Assembly	750826	750797	750796	750796
		1 Spring assembly (small 3H only)				750803
13	<input type="checkbox"/>	1 O ring-bonnet to cylinder	296608	296608	296608	296608
14		1 Bonnet actuator	753796	753796	753796	759407
15	<input type="checkbox"/>	1 Ring-retaining	755090	755090	755090	755090
16	<input type="checkbox"/>	1 Packing-vee block	755461	755461	755461	755461
17		1 Bushing-stem	764754	764754	764754	764754
18		1 Stem-indicating	750327	750327	750327	750327
19	<input type="checkbox"/>	1 O ring-stem	755388	755388	755388	755388
20		1 Stem-actuator	750324	750324	750324	750324
21		1 Coupler	764241	764241	764241	764241
22		1 Plug-vented	181256	181256	181256	181256

Parts marked with are included in the service kits.

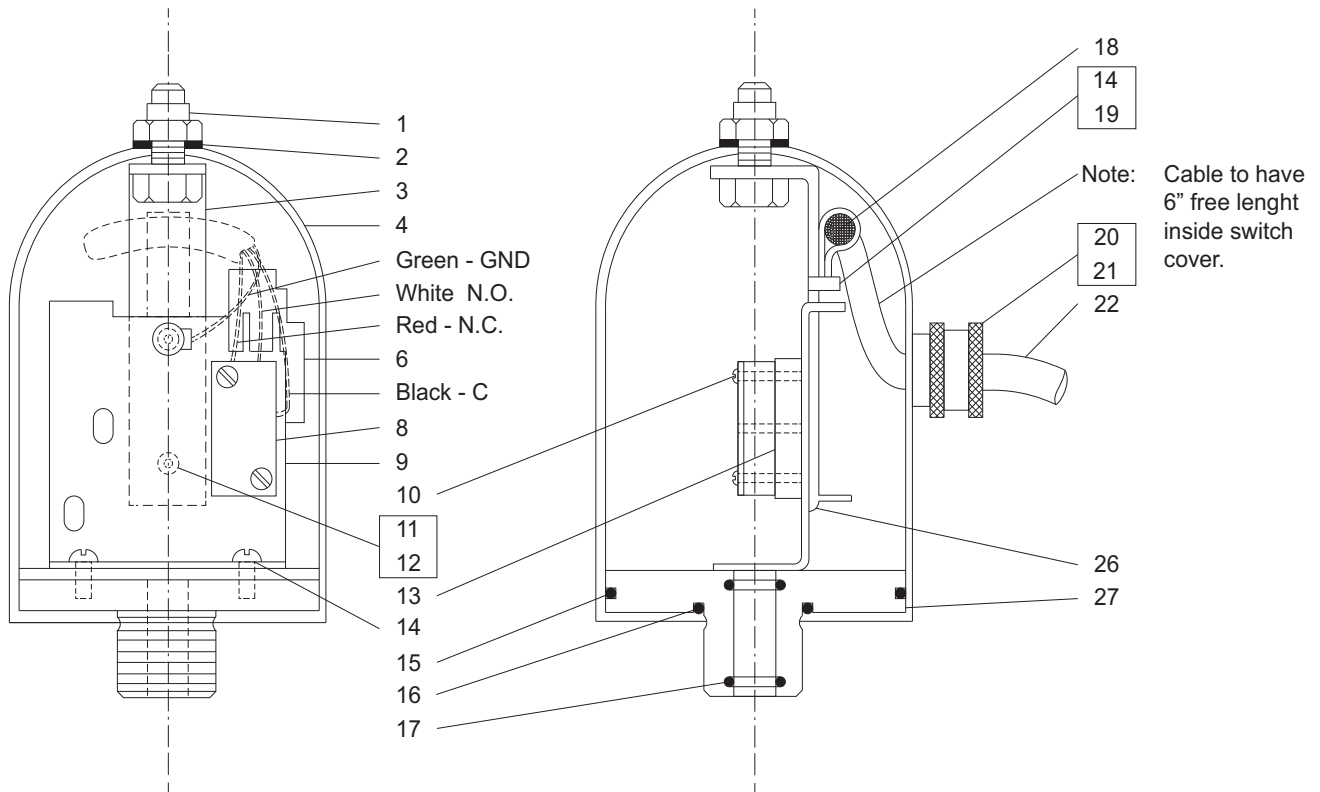
Service kit 9613990171



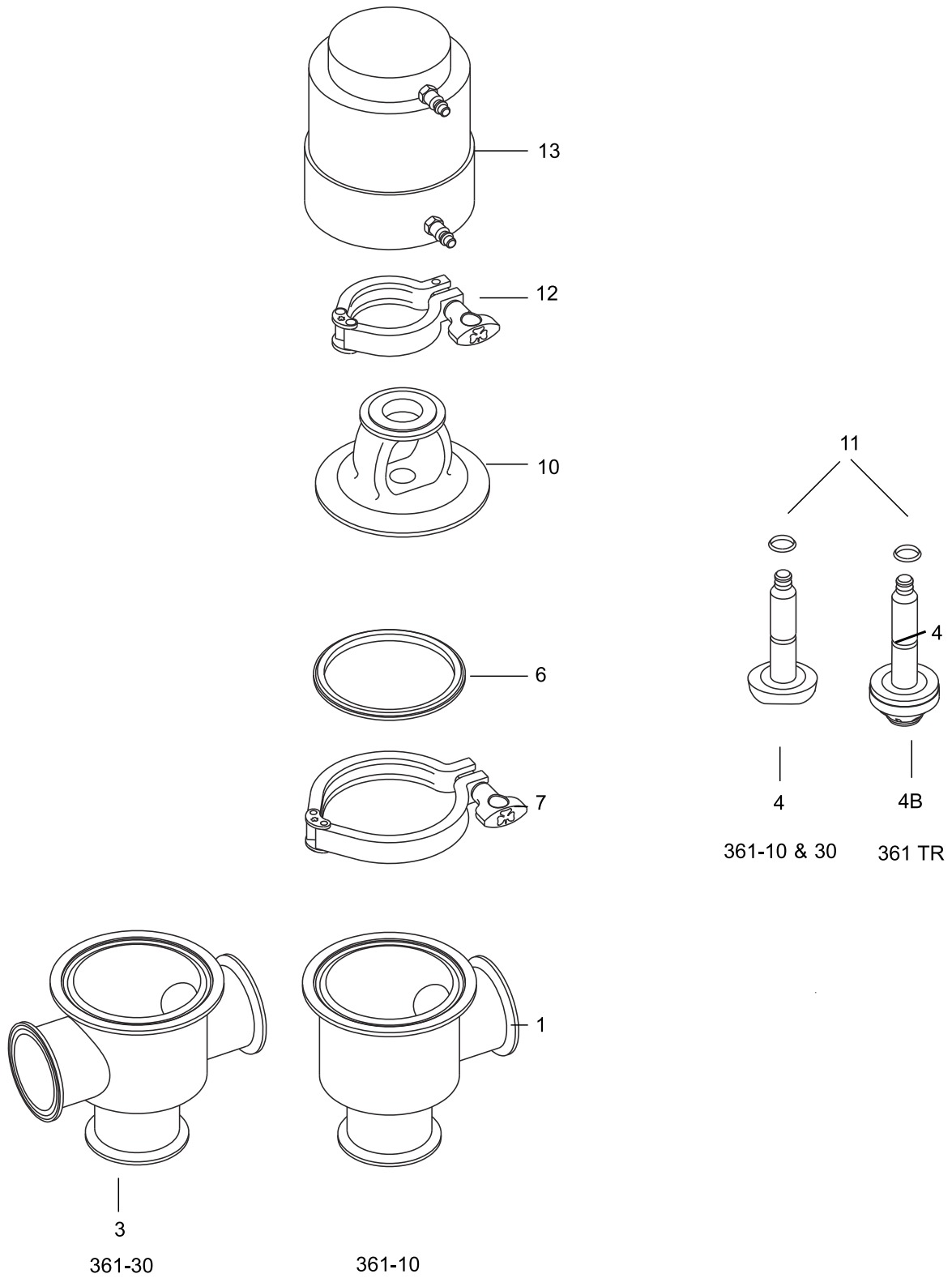
Rear view of switch mounting bracket.
Position switch adjusting plate as shown.

Note: Position Cable entrance and knurled nut facing switch adjusting screws as shown (20 and 21)

Note: Jumper wire to be soldered on back of slip-on connector of black lead wire.



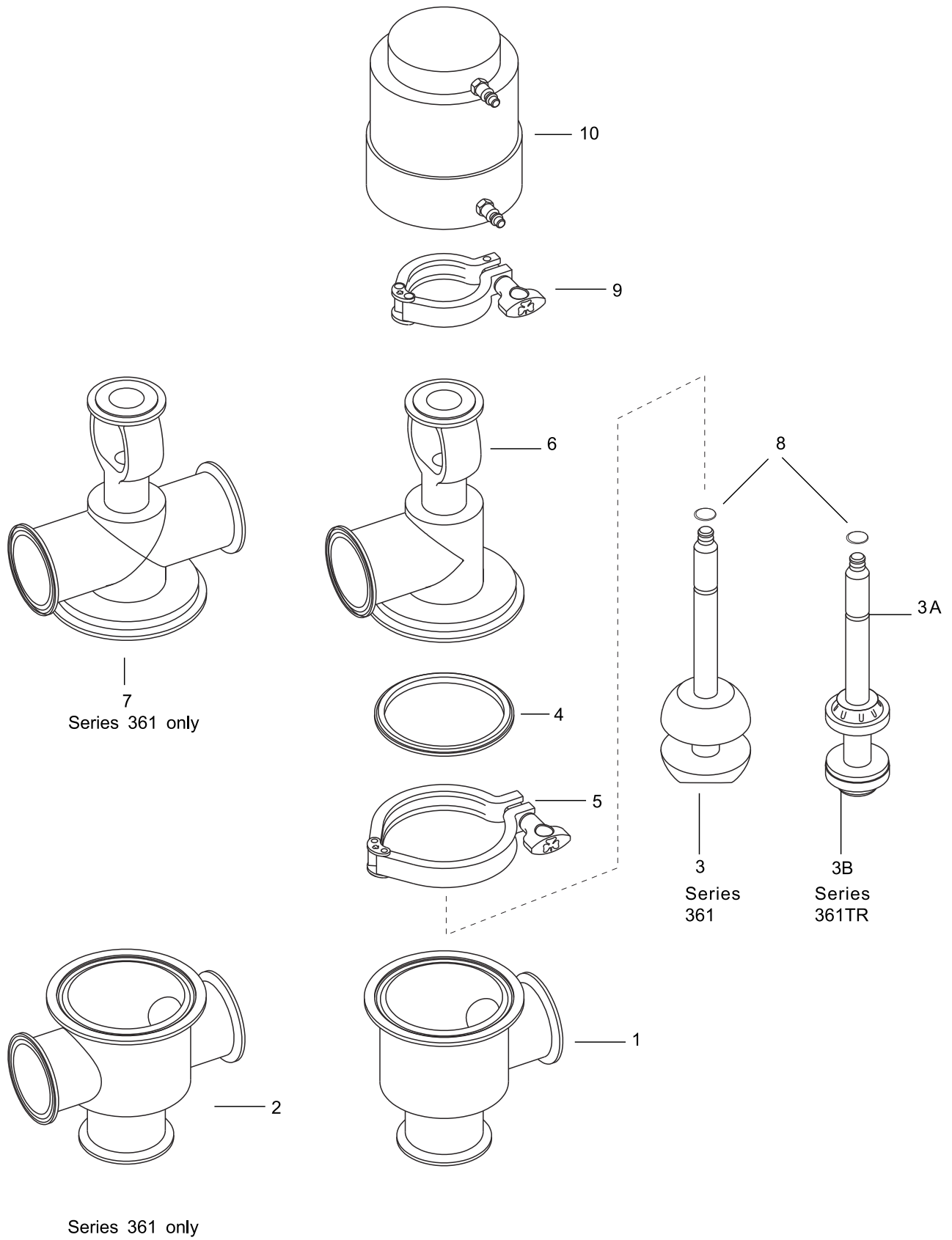
Pos	Qty	Denomination	Part No.	Item No.
1	1	Elastic Stop Nut	NU1500E02-SS	180134
2	1	Nylon Lockwasher	15-87-3/8	755000
3	1	Cover Hold Down Bracket	10-336-S	751587
4	1	Switch Cover	23-124-1-S	750680
6	1	Socket	EL-19760-0011	760450
8	1	Micro Switch	EL-79500-0013	768263
9	1	Switch Mounting Bracket	10-155	753405
10	2	#4-40 x 1" Lg. Rd. Hd. M. Screw	SC110R-SS	189492
11	2	#10-32 x 1/4 Lg. Rd. Hd. M. Screw	SC1003R-SS	189617
12	2	#10 Lockwasher	LWA900-SS	180086
13	1	Switch Mtg. Block	24-30	758780
14	3	6-32 x 3/8 Lg. Truss Hd. S.S.	SC505Y-SS	180337
15	1	O Ring	17-156-USF	755530
16	1	O Ring	17-157-U	755531
17	2	O Ring	17-35-USF	755388
18	1	Cable Clamp	16-115	755138
19	2	Washer	15-110	754860
20	1	Knurled Nut	EL-40165-0011	768022
21	1	Rubber Grommet	EL-40165-0004	768023
22	1	Cable Assembly	EL-97510-0003	763801
26	1	Switch Adj. Plate	10-156-S	753406
27	1	Switch As'bly Base	26-42	759592



Pos	Qty	Denomination	1"	1 1/2"	2"	2 1/2"	3"
1	1	Lower body, 2 ports clamp	NA	NA	NA	NA	NA
	1	Lower body, 2 ports weld	NA	NA	NA	NA	NA
3	1	Lower body , 3 ports clamp	NA	NA	NA	NA	NA
	1	Lower body , 3 ports weld	NA	NA	NA	NA	NA
4	1	Valve plug, BUNA	770424				
	1	Valve plug, EPDM	772101				
	1	Valve plug, SFY	770681				
	1	Valve plug, LP BUNA	NA	9634055813	9634050680	9634055815	9634055816
	1	Valve plug, LP EPDM	NA	773173	9634050984	773177	773118
	1	Valve plug, LP SFY	NA	773176	9634050729	773178	773119
	1	Valve plug, TR	772991	772992	771101	772994	772995
4B	◆	TR stem seat	751524	751525	750943	750947	751268
6	□◆	Body gasket, BUNA	755415	755416	755417	755419	755420
	□◆	Body gasket, EPDM	750157	750062	751799	750812	750322
	□◆	Body gasket, SFY	750667	750497	750209	750210	750610
7	1	Body clamp	212205	212198	270266	270267	212211
10	1	Bonnet	750589	754233	754040	754054	754038
11	□◆	O-ring stem, BUNA	755351	755351	755351	755357	755357
	□◆	O-ring stem, EPDM	750036	750036	750036	750037	750037
	□◆	O-ring stem, SFY	750172	750172	750172	750173	750173
12	1	Actuator clamp	212196	212196	212196	212196	212196
13	1	Actuator, type 10 N/O	751228	750782	750782	750782	750782
	1	Actuator, type 20 N/C	751058	750785	750785	750785	750785

Parts marked with □◆ are included in the service kits.

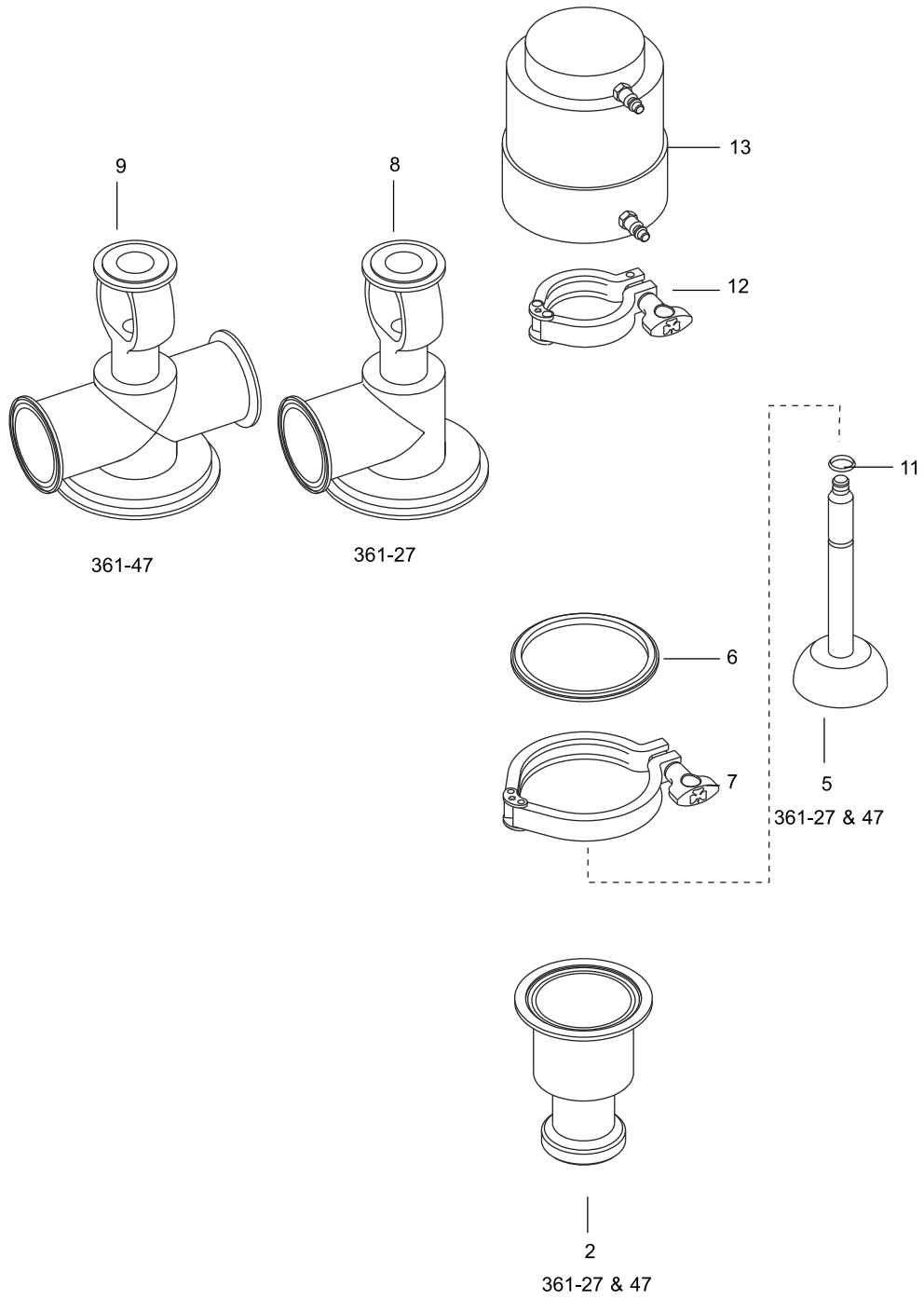
		1'	1 1/2"	2'	2 1/2'	3'
NON TR Service Kits						
□	BUNA	9613990073	9613990076	9613990079	9613990082	9613990085
□	EPDM	9613990074	9613990077	9613990080	9613990083	9613990086
□	SFY	9613990075	9613990078	9613990081	9613990084	9613990087
TR Service Kits						
◆	BUNA	9613990043	9613990046	9613990049	9613990052	9613990055
◆	EPDM	9613990044	9613990047	9613990050	9613990053	9613990056
◆	SFY	9613990045	9613990046	9613990051	9613990054	9613990057



Pos	Qty	Denomination	1"	1 1/2"	2"	2 1/2"	3"
1	1	Lower tee body	NA	NA	NA	NA	NA
2	1	Lower cross body	NA	NA	NA	NA	NA
3	1	Valve stem, BUNA	770171				
	1	Valve stem, EPDM	770839				
	1	Valve stem, SFY	771231				
	1	Valve stem, LP BUNA	NA	9634055817	9634055818	963455819	9634055820
	1	Valve stem, LP EPDM	NA	773179	773181	73123	773183
	1	Valve stem, LP SFY	NA	773180	773182	773131	773184
	1	Valve stem, TR	770374	770704	770538	770548	770553
3A	□	TR stem seat	751525	751525	750943	750947	751268
3B	□	TR stem seat	752524	751525	750943	750947	751268
4	□♦	Body gasket, BUNA	755415	755416	755417	755419	755420
	□♦	Body gasket, EPDM	750157	750062	751799	750812	750322
	□♦	Body gasket, SFY	750667	750497	750209	750210	750610
5	1	Body clamp	212205	212198	270266	270267	212211
6	1	Upper body 21 & 23	NA	NA	NA	NA	NA
7	1	Upper body 41 & 43	NA	NA	NA	NA	NA
8	□♦	O-ring stem, BUNA	755351	755351	755351	755357	755357
	□♦	O-ring stem, EPDM	750036	750036	750036	750037	750037
	□♦	O-ring stem, SFY	750172	750172	750172	750173	750173
9	1	Actuator clamp	212196	212196	212196	212196	212196
10	1	Actuator, type 10 N/O	750782	750782	750782	750782	750782
	1	Actuator, type 20 N/C	750785	750785	750785	750785	750785

Parts marked with □♦ are included in the service kits.

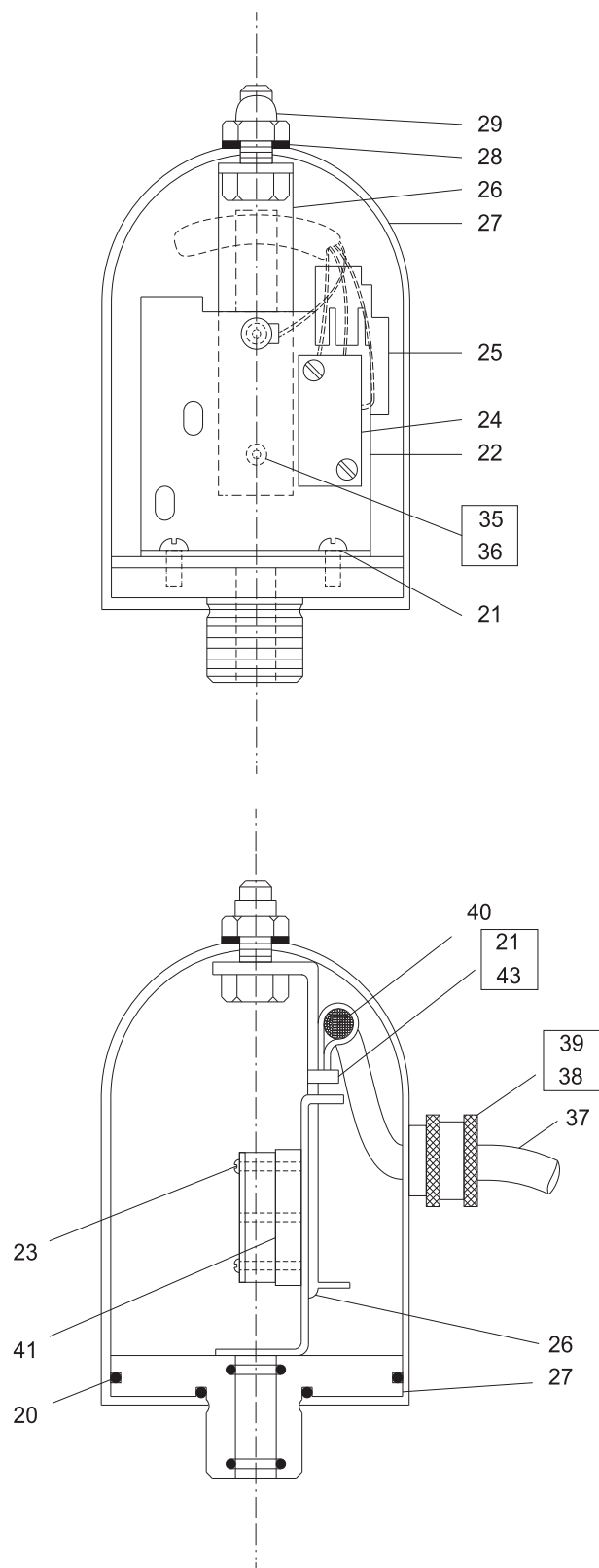
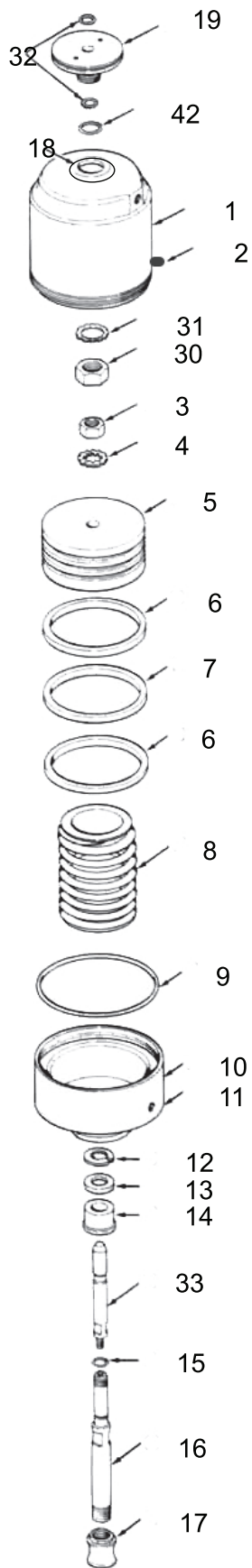
		1"	1 1/2"	2"	2 1/2"	3"
□	BUNA	9613990073	9613990076	9613990079	9613990082	9613990085
□	EPDM	9613990074	9613990077	9613990080	9613990083	9613990086
□	SFY	9613990075	9613990078	9613990081	9613990084	9613990087
♦	BUNA	9613990058	9613990061	9613990064	9613990067	9613990070
♦	EPDM	9613990059	9613990062	9613990065	9613990068	9613990071
♦	SFY	9613990060	9613990063	9613990066	9613990069	9613990072



Pos	Qty	Denomination	1"	1 1/2"	2"	2 1/2"	3"
2	1	Lower body 27	NA	NA	NA	NA	
5	2	Valve plug, BUNA	NA	770288			
	1	Valve plug, EPDM	NA	771791			
	1	Valve plug, SFY	NA	772108			
	1	LP Valve Plug, BUNA	NA	NA	9634055821	9634055822	9634055823
	1	LP Valve Plug, EPDM	NA	NA	773250	773253	773256
	1	LP Valve Plug, SFY	NA	NA	773251	773254	773257
6	□	Body gasket , BUNA	755415	755416	755417	755419	755420
	□	Body gasket , EPDM	750157	750062	751799	750812	750322
	□	Body gasket , SFY	750667	750497	750209	750210	750610
7	1	Body clamp	212205	212198	270266	270267	212211
8	1	Upper body 27	NA	NA	NA	NA	NA
9	1	Upper body 47	NA	NA	NA	NA	NA
11	□	O-ring stem, BUNA	755351	755351	755351	755357	755357
	□	O-ring stem, EPDM	750036	750036	750036	750037	750037
	□	O-ring stem, SFY	750172	750172	750172	750173	750173
12	1	Actuator clamp	212196	212196	212196	212196	212196
13	1	Actuator type, 10 N/O	750782	750782	750782	750782	750782
	1	Actuator type, 20 N/C	750785	750785	750785	750785	750785

Parts marked with □ are included in the service kits.

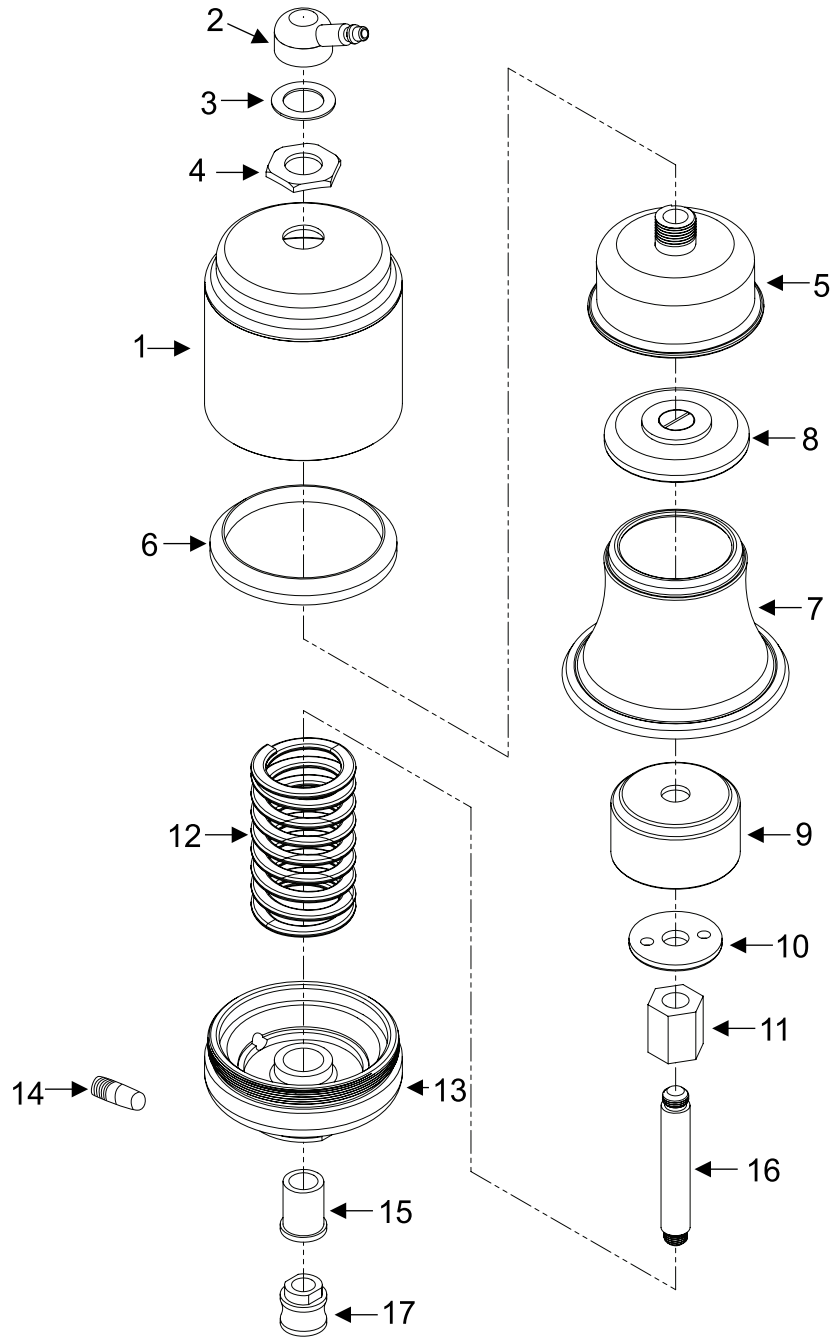
		1"	1 1/2"	2"	2 1/2"	3"
Service Kit						
□	BUNA	9613990073	9613990076	9613990079	9613990082	9613990085
□	EPDM	9613990074	9613990077	9613990080	9613990083	9613990086
□	SFY	9613990075	9613990078	9613990081	9613990084	9613990087



Pos	Qty	Denomination	
1	1	Actuator cylinder	750276
2	1	Vented plug	750276
3	1	Nut	189923
4	1	Lockwasher	189971
5	1	Piston	767870
6	□ 2	Vee block packing	755460
7	□ 1	Felt seal	755464
8	1	Spring assembly	750826
9	□ 1	O-ring	296608
10	1	Bonnet	753796
11	1	Air coupler adaptor	764098
12	1	Retaining ring	755090
13	□ 1	Vee block packing	755461
14	1	Bushing	764754
15	□ 1	O-ring	755388
16	1	Actuator stem	750324
17	1	Coupler	764241
18	1	Gasket	750574
19	1	Switch assembly base	759592
20	1	O-ring	755530
21	1	Screw	180337
22	1	Switch mounting bracket	753405
23	4	Screw	189492
24	□ 2	Micro switch	768263
25	2	Socket	
26	1	Cover hold down bracket	750601
27	1	Switch cover	750680
28	1	Nylon lockwasher	755000
29	1	Acorn nut	180484
30	1	Nut	754338
31	1	Lockwasher	754869
32	□ 2	O-ring	755388
33	1	Indicating stem	750334
34	2	Switch adj plate	753406
35	2	Screw	189617
36	2	Lockwasher	180086
37	1	Cable assembly	763802
38	1	Rubber grommet	768023
39	1	Knurled nut	768022
40	1	Cable clamp	755138
41	2	Switch mounting block	758780
42	1	O-ring	755531
43	1	Washer	754860

Parts marked with □ are included in the service kits.

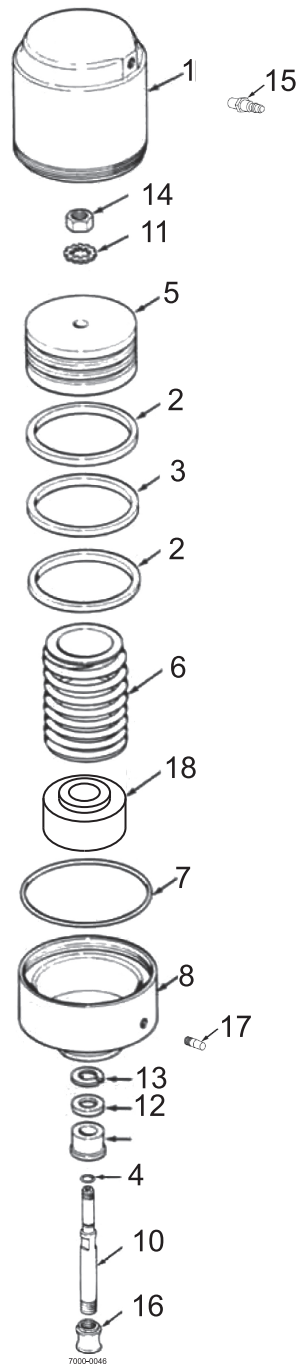
□ **Service Kit** **9613990133**



Pos	Qty	Denomination	
1	1	Actuator body cylinder	750032
2	1	Air coupler adaptor	764249
3	1	Gasket	755451
4	1	Sealing nut	754328
5	1	Outer diaphragm clamp retainer	763805
6	1	Body insert	764088
7	1	Diaphragm	763501
8	1	Top diaphragm clamp retainer	763765
9	1	Inner diaphragm clamp retainer	763753
10	1	Nut retainer	754265
11	1	Adaptor	764089
12	1	Compression ring	750752
13	1	Bonnet	750504
14	1	Vented plug	181256
15	1	Bushing	764754
16	1	Actuator stem	776625
17	1	Coupler	

Parts marked with □ are included in the service kits.

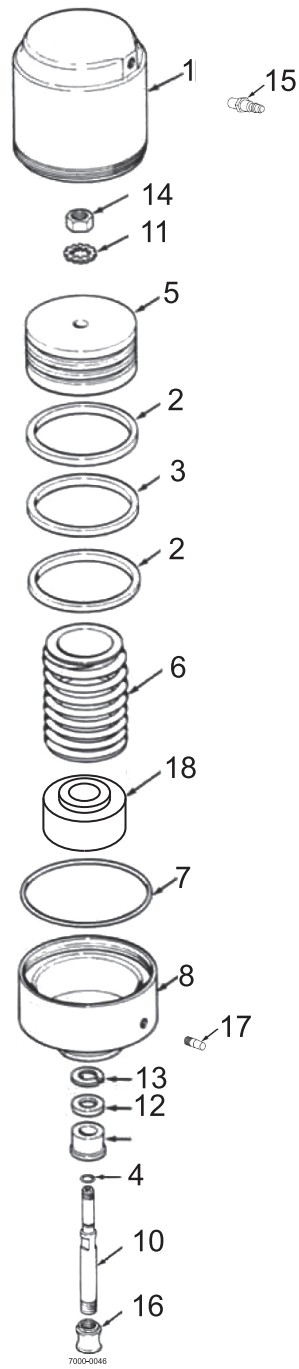
□	Service Kit	9613990134
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Pos	Qty	Denomination	
1	1	Actuator cylinder	750276
2	2	Vee block packing	755460
3	1	Felt seal	755464
4	1	O-ring	755388
5	1	Piston	767870
6	1	Spring assembly	750826
7	1	O-ring	296608
8	1	Bonnet	753796
10	1	Actuator stem	750328
11	1	Lockwasher	189971
12	1	Vee block packing	755461
13	1	Retaining ring	755090
14	1	Nut	189923
15	1	Air coupler adaptor	764098
16	1	Coupler	764241
17	1	Vented plug	181256
18	1	Spring guide	750141

Parts marked with o are included in the service kits.

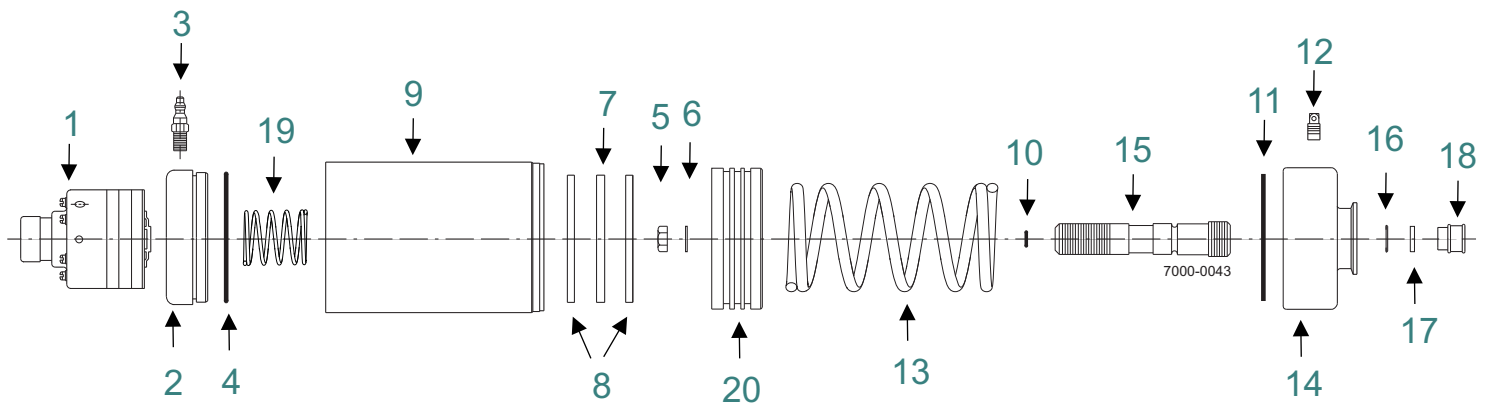
o		Service kit	752039
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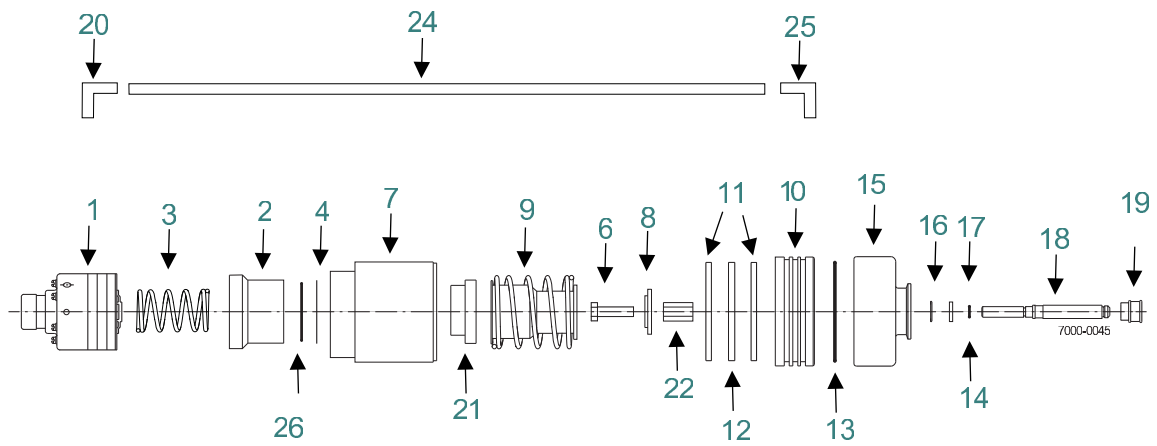
Pos	Qty	Denomination	
1	1	Actuator cylinder	750276
2	2	Vee block packing	755460
3	1	Felt seal	755464
4	1	O-ring	755388
5	1	Piston	767870
6	1	Spring assembly	750826
7	1	O-ring	296608
8	1	Bonnet	753796
10	1	Actuator stem	750328
11	1	Lockwasher	189971
12	1	Vee block packing	755461
13	1	Retaining ring	755090
14	1	Nut	189923
15	1	Air coupler adaptor	764098
16	1	Coupler	764241
17	1	Vented plug	181256
18	1	Spring guide	750141

Parts marked with o are included in the service kits.

o		Service kit	752039
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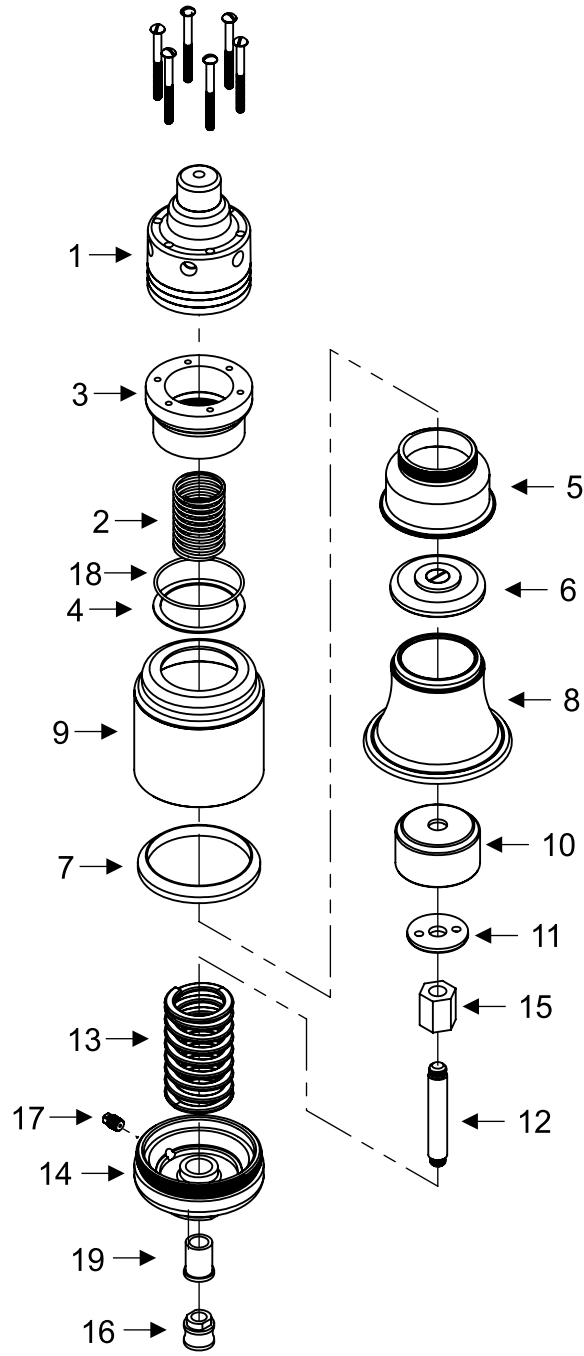
Pos	Qty	Denomination	Item #
1	1	Moore Positioner	769498
2	1	Upper Bonnet	750119
3	1	Pipe Plug	751541
4	1	O ring	755462
5	1	Nut	189923
6	1	Lockwasher	189971
7	<input type="checkbox"/>	Felt Seal	755464
8	<input type="checkbox"/>	2 Vee Block Packing	755460
9	1	Cylinder	750870
10	<input type="checkbox"/>	O Ring	755388
11	<input type="checkbox"/>	O Ring	296608
12	1	Vented Plug	181256
13	1	Spring Assembly	750826
14	1	Bonnet Assembly	753796
15	1	Actuator Stem	750328
16	1	Retaining Ring	755090
17	<input type="checkbox"/>	1 Vee Block Packing	755461
18	1	Coupler	764241
19	1	Spring Assembly	750998
20	1	Piston	750118
			Item #
<input type="checkbox"/>		Service Kit	752039



Pos	Qty	Denomination	Item #
1	1	Moore Positioner	769499
2	1	Positioner Adapter	764078
3	1	Range Spring	750998
4	1	Gasket	755549
5	1	Vent Plug	181256
6	1	Screw	189888
7	1	Cylinder	751508
8	1	Range Spring Adapter	761216
9	1	Spring Assembly	750826
10	1	Piston	767870
11	□ 2	Vee Block Packing	755460
12	□ 1	Felt Seal	755464
13	□ 1	O Ring	755388
14	□ 1	O Ring	296608
15	1	Bonnet	753796
16	1	Retaining Ring	755090
17	□ 1	Vee Block Packing	755461
18	1	Actuator Stem	750328
19	1	Coupler	764241
20	1	Male Pipe Connector	766010
21	1	Adapter Retainer	751505
22	1	Spacer Nut	750504
23	1	Washer	189971
24	24"	Air Supply Line	765006
25	1	Male Pipe Connector	766009
26	□ 1	O Ring	755530

Parts marked with □ are included in the service kits.

		Item #
□	Service Kit	752039

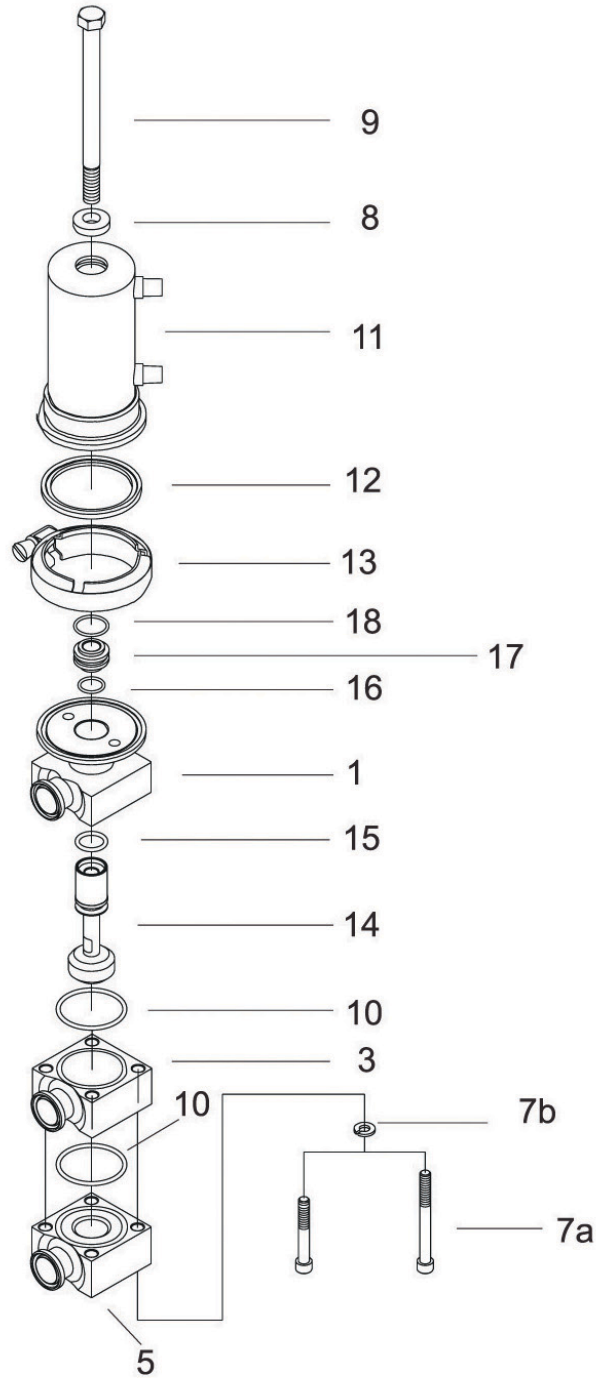


Pos	Qty	Denomination	
1	1	Moore Positioner	769498
	1	Moore Positioner, AR	769497
2	1	Range Spring	750998
3	1	Mounting Adapter	764078
4	1	Gasket	755549
5	1	Outer Diaphragm Clamp	763794
6	1	Inner Diaphragm Clamp	763795
7	1	Body Insert	764088
8	□	Diaphragm	763501
9	1	Actuator Cylinder	771543
10	1	Inner Diaphragm Guide	763753
11	1	Nut	754265
12	1	Stem	776689
13	1	Spring	750752
14	1	Bonnet	750504
15	1	Adapter	764089
16	□	Coupler	764241
17	1	Vented Plug	181256
18	1	O Ring	755530
19	□	Bushing	764754

Parts marked with □ are included in the service kits.

□	Service Kit	96139901
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Not manufactured anymore

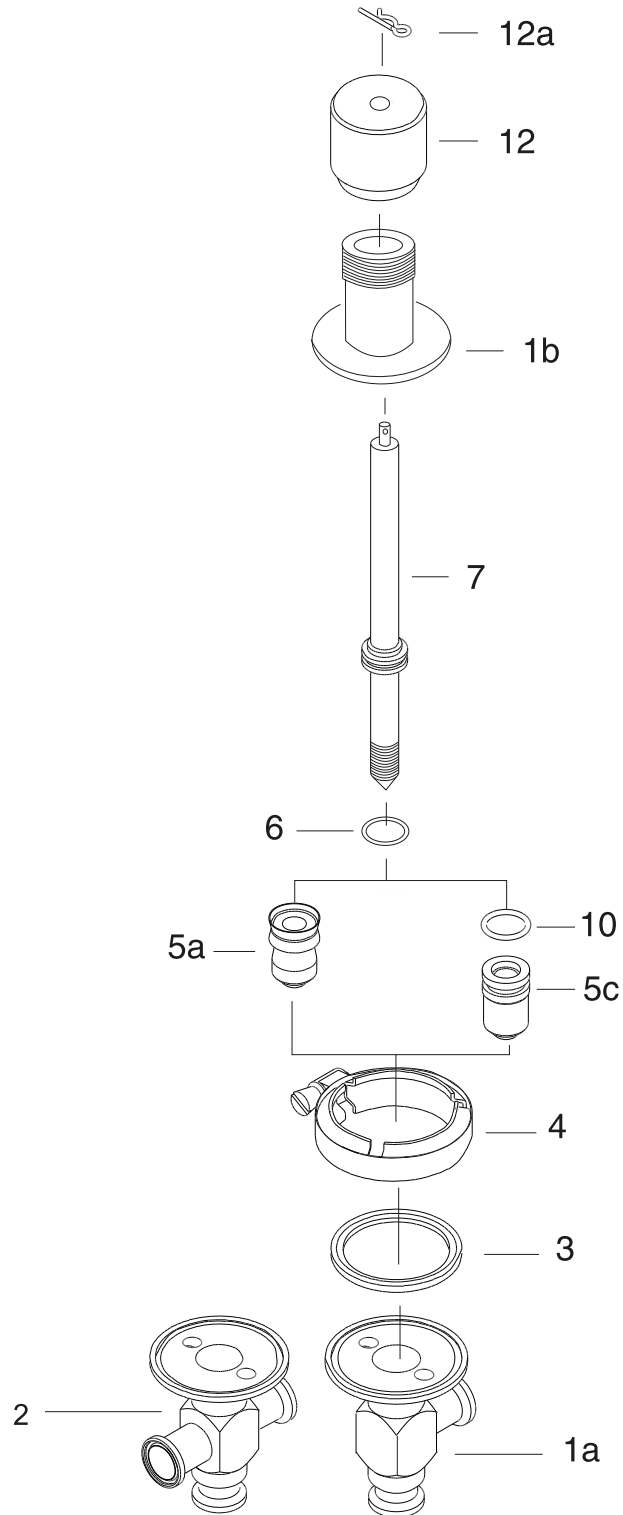


Pos	Qty	Denomination	1/2"	3/4"
1	2	A stage valve body (tee)	NA	NA
3	1	B stage valve body (tee)	NA	NA
5	1	C stage valve body (tee)	NA	NA
7A	4	Cap screw	180712	180712
7B	4	Lock washer	189985	189985
8	1	Washer	751713	751713
9	1	Bolt	180717	180717
10	2	O-ring BUNA	751740	751740
	2	O-ring EPDM	750415	750415
	2	O-ring SFY	751714	751714
11	1	Actuator type 10	750422	750422
	1	Actuator type 20	750429	750429
	1	Actuator type 30	750430	750430
12	1	Gasket BUNA	290285	290285
	1	Gasket EPDM	290105	290105
	1	Gasket SFY	3104694	3104694
13	1	Clamp	755035	755035
14	1	Stem BUNA	772007	772007
	1	Stem EPDM	770893	770893
	1	Stem SFY	772000	772000
15	1	O-ring BUNA	755357	755357
	1	O-ring EPDM	750037	750037
	1	O-ring SFY	750173	750173
16	1	O-ring BUNA	755542	755542
	1	O-ring EPDM	750728	750728
	1	O-ring SFY	751715	751715
17	1	Stem bushing	762951	762951
18	1	O-ring BUNA	750532	750532
	1	O-ring EPDM	751664	751664
	1	O-ring SFY	750401	750401

Parts marked with □ are included in the service kits.

		1/2"	3/4"
□	Service Kit BUNA	9613990147	9613990147
□	Service Kit EPDM	9613990148	9613990148
□	Service Kit SFY	9613990149	9613990149

Not manufactured anymore

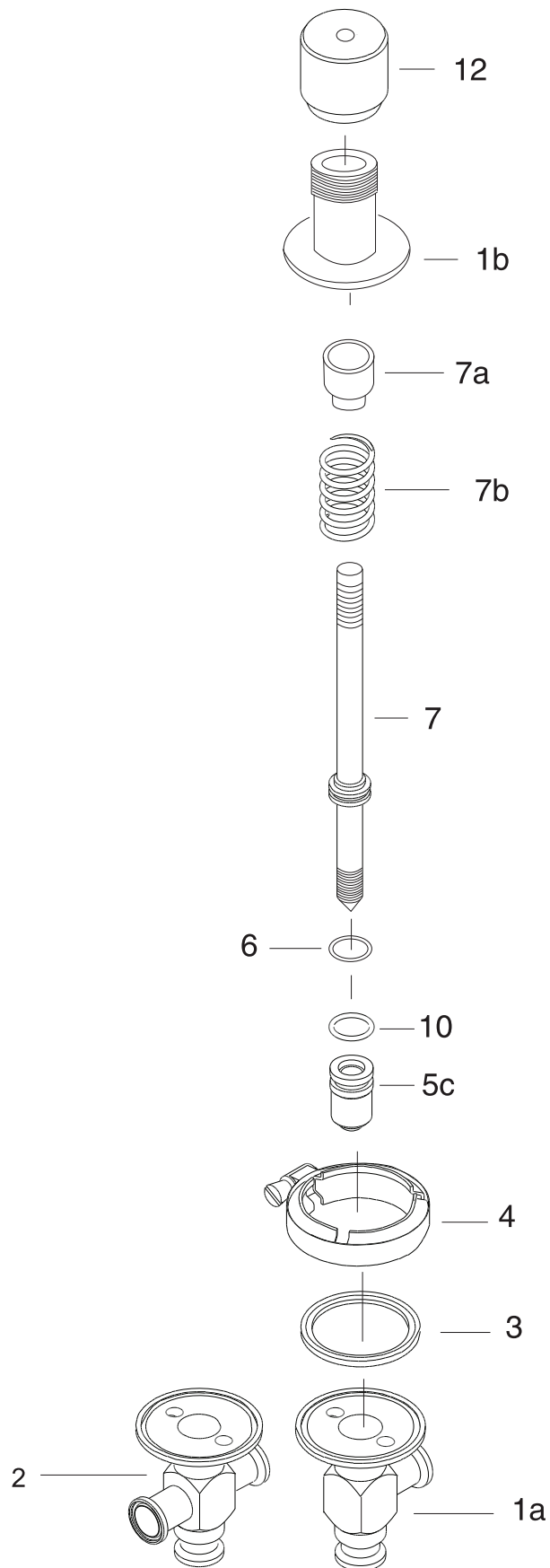


Pos	Qty	Denomination	1/2"	3/4"
1A	1	Lower body (tee)	NA	NA
1B	1	Bonnet	750506	750506
2	1	Lower body (cross)	NA	NA
3	<input type="checkbox"/>	Gasket SFY	3104694	3104694
4	1	Clamp	755035	755035
5A	<input type="checkbox"/>	PTFE plug w/lip seal	750480	750480
5B	<input type="checkbox"/>	Viton plug w/ lip seal (type 10)	750666	750666
5C	<input type="checkbox"/>	PTFE plug w/ O-ring	750598	750598
6	<input type="checkbox"/>	Stem O-ring SFY	290173	290173
7	1	Stem	771430	771430
10	<input type="checkbox"/>	Plug o ring #5c plug only	750173	750173
12A	1	Cotter pin	750526	750526
12	1	Handle	750501	750501

Parts marked with are included in the service kits.

		1/2"	3/4"
<input type="checkbox"/>	Service kit "A"	9613990136	9613990136
<input type="checkbox"/>	Service kit "B"	9613990137	9613990137
<input type="checkbox"/>	Service kit "C" (for type 10)	9613990138	9613990138
<input type="checkbox"/>	Service kit "C" (for type 30)	9613990139	9613990139

Not manufactured anymore

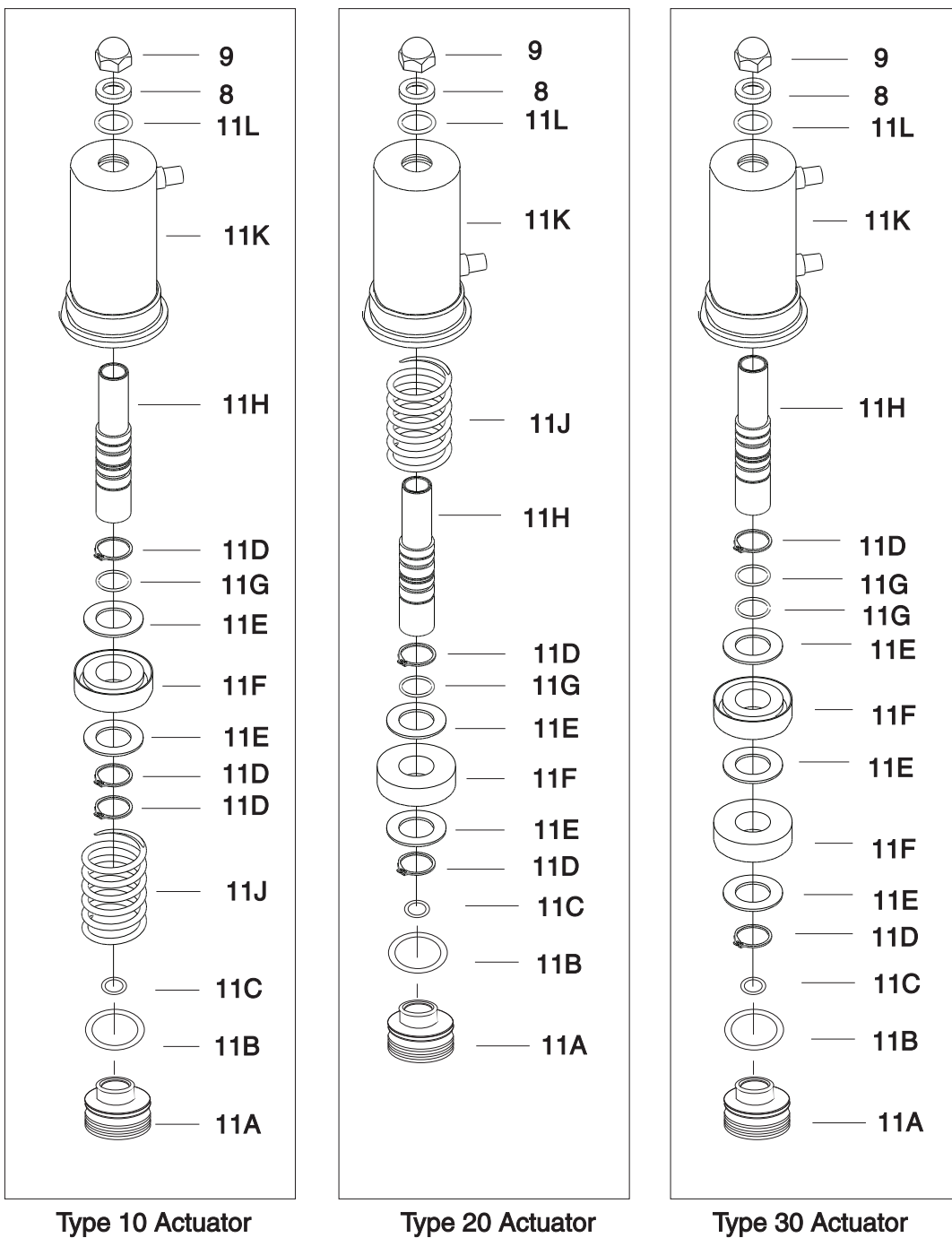


Pos	Qty	Denomination	1/2"	3/4"
1A	1	Lower body (tee)	NA	NA
1B	1	Bonnet	750506	750506
2	1	Lower body (cross)	NA	NA
3	1	Gasket SFY	3104694	3104694
4	1	Clamp	755035	755035
5A	1	PTFE plug w/lip seal	750480	750480
5B	1	Viton plug w/ lip seal (type 10)	750666	750666
5C	1	PTFE plug w/ o ring	750598	750598
6	1	Stem O-ring SFY	290173	290173
7A	1	Spring spacer	750498	750498
7B	1	Spring	750491	750491
10	1	Plug o ring #5c plug only	750173	750173
12A	1	Cotter pin	750526	750526
12	1	Handle	750501	750501

Parts marked with □ are included in the service kits.

		1/2"	3/4"
□	Service kit "A"	9613990136	9613990136
□	Service kit "B"	9613990137	9613990137
□	Service kit "C" (for type 10)	9613990138	9613990138
□	Service kit "C" (for type 30)	9613990139	9613990139

Not manufactured anymore

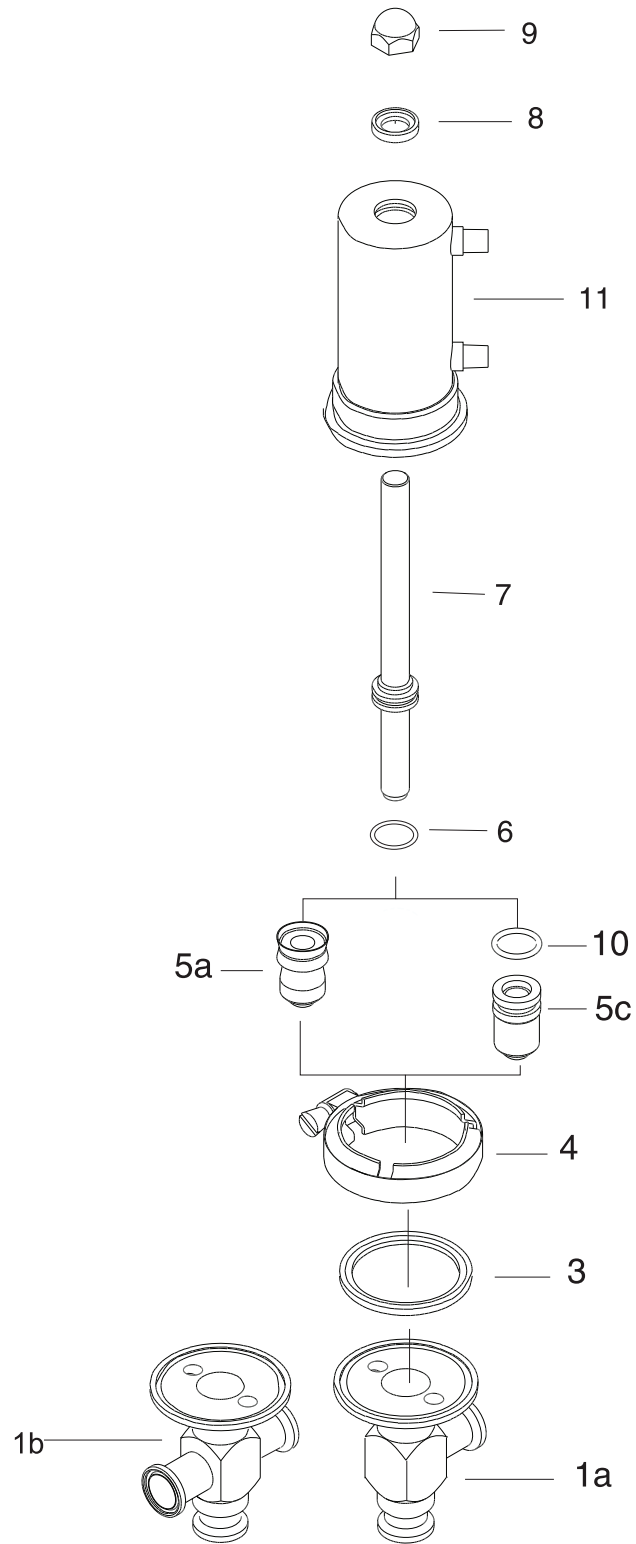


Pos	Qty	Denomination	Type 10	Type 20	Type 30
8	1	Stem washer	750407	750407	750407
9	1	Acorn nut	182349	182349	182349
11	1	Actuator complete	NA	NA	NA
11A	1	Actuator bonnet	750408	750408	750408
11B□	1	Outer bonnet O-ring	755518	755518	755518
11C□	1	Inner bonnet O-ring	750604	750604	750604
11D□	3	Retaining ring	750413	750413	750413
11E□	2	Piston washer	750323	750323	750323
11F	1	Piston	761846	761846	761846
11G□	1	Piston O-ring	750401	750401	750401
11H	1	Stem sleeve	761848	761848	761848
11J	1	Spring	750599	750599	NA
11K	1	Cylinder	750436	750438	750451
11L□	1	Stem sleeve O-ring	290173	290173	290173

Parts marked with □ are included in the service kits.

		Type 10	Type 20	Type 30
□	Service kit	9613990144	9613990145	9613990146

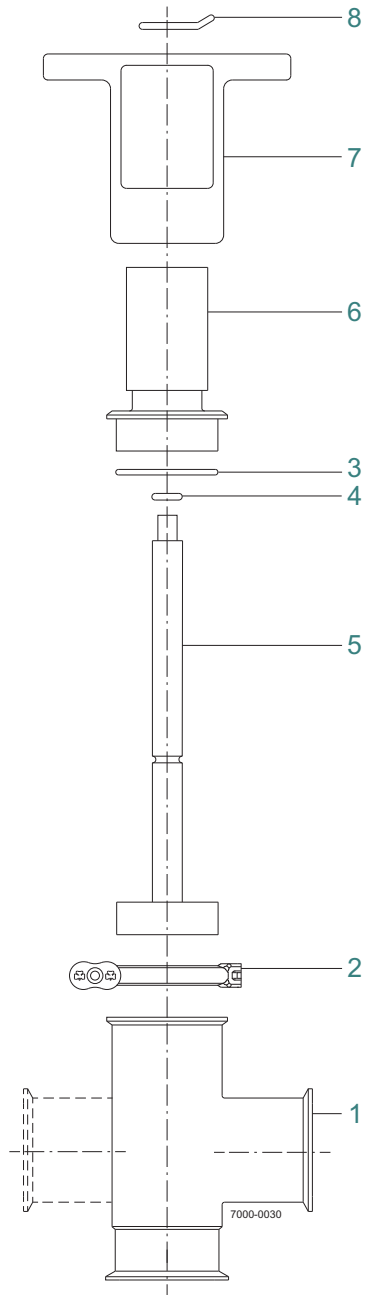
Not manufactured anymore



Pos	Qty	Denomination	1/2"	3/4"
1	1	Valve body tee type clamp	NA	NA
2	1	Valve body cross type clamp	NA	NA
3	<input type="checkbox"/>	Body gasket	3104694	3104694
4	1	Body clamp	755035	755035
5A	<input type="checkbox"/>	PTFE plug lip seal for 10 body	750480	750480
5B	<input type="checkbox"/>	Viton lip seal for 10 body	750666	750666
5C	<input type="checkbox"/>	PTFE plug w/o ring for 10 body	750598	750598
	<input type="checkbox"/>	PTFE plug w/o ring for 30 body	751786	751786
6	<input type="checkbox"/>	Stem o ring	750401	750401
7	1	Stem	770783	770783
8	1	Stem washer	750407	750407
9	1	Acorn nut	182349	182349
10	1	Plug o ring for 5c (plug only)	290173	290173
11	1	Actuator type 10	750422	750422
	1	Actuator type 20	750429	750429
	1	Actuator type 30	750430	750430

Parts marked with are included in the service kits.

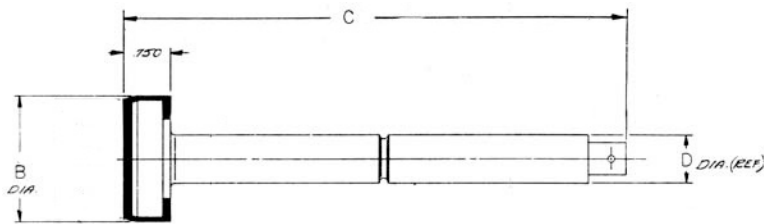
		1/2"	3/4"
<input type="checkbox"/>	Service Kit "A"	9613990140	9613990140
<input type="checkbox"/>	Service Kit "B"	9613990141	9613990141
<input type="checkbox"/>	Service Kit "C" (for type 10)	9613990142	9613990142
<input type="checkbox"/>	Service Kit "C" (for type 30)	9613990143	9613990143



Pos	Qty	Denomination	1"	1 1/2"	2"	2 1/2"	3"
1	1	Body	NA	NA	NA	NA	NA
2	1	Clamp	212195	212195	212196	212197	212198
3	□	Gasket, BUNA	298452	298452	298453	298454	298455
	♦	Gasket, SFY	290022	290022	290030	290040	290049
4	□	O Ring, BUNA	299057	299057	299057	299057	299060
	♦	O Ring, SFY	290010	290010	290010	290010	290161
5	1	Stem, BUNA	620592	620594	620596	620598	620600
	1	Stem, SFY	620348	620765	620330	620339	620347
6	1	Bonnet	620582	620584	620586	620588	620590
7	1	Handle	720756	722115	722115	724287	724287
8	1	Lock Clip	628530	628531	628531	628531	628531

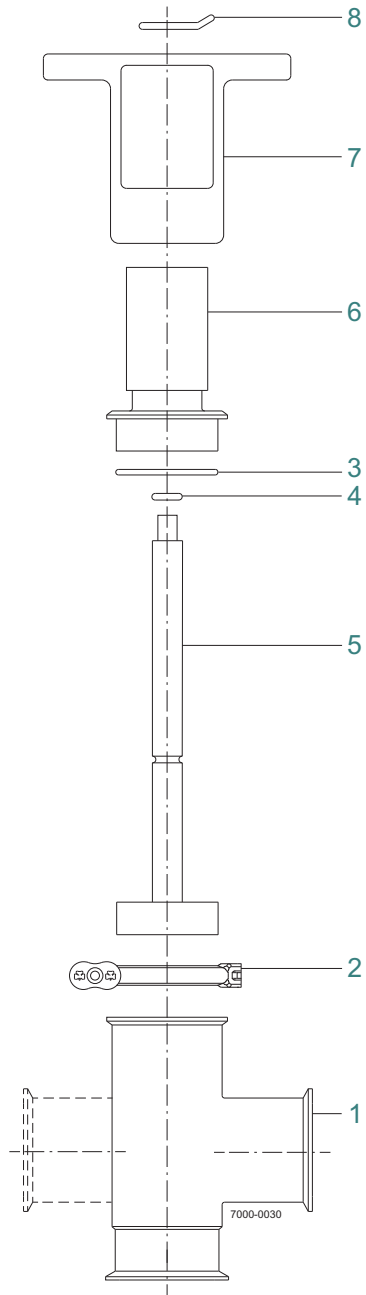
Parts marked with □♦ are included in the service kits.

Table 1. D60CR-Size-02A-Mat'I



Size	B	C	D
1"	.960	5.687	.500
1 1/2"	1.460	7.750	.750
2"	1.960	8.531	.750
2 1/2"	2.460	10.437	.750
3"	2.960	10.537	1.000

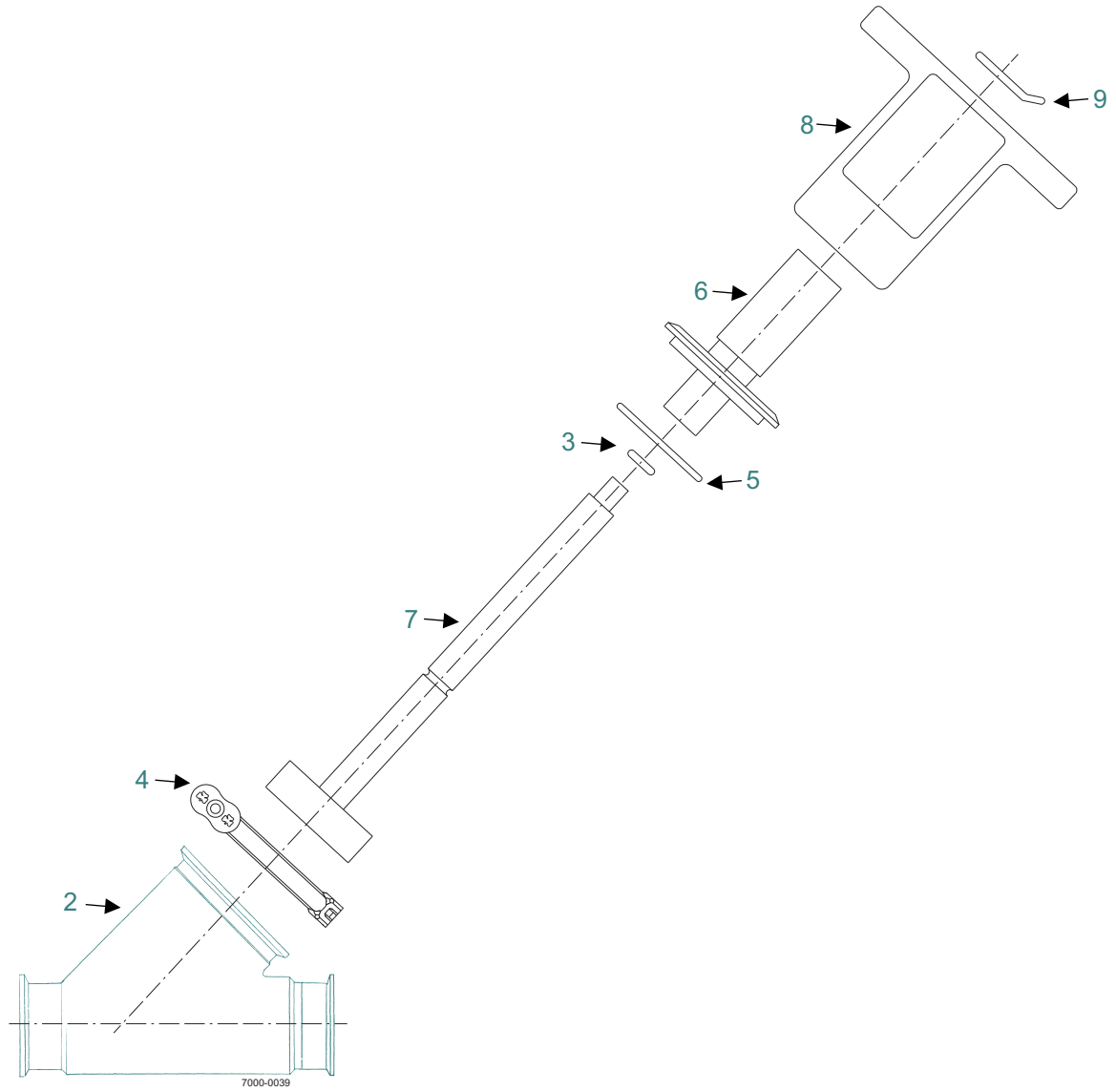
		1"	1 1/2"	2"	2 1/2"	3"
□	Service Kit BUNA	9613990636	9613990638	9613990640	9613990642	9613990644
♦	Service Kit SFY	9613990637	9613990639	9613990641	9613990643	9613990645



Pos	Qty	Denomination	1"	1 1/2"	2"	2 1/2"	3"
1	1	Body	NA	NA	NA	NA	NA
2	1	Clamp	212195	212195	212196	212197	212198
3	□	Gasket, BUNA	298452	298452	298453	298454	298455
	♦	Gasket, SFY	290022	290022	290030	290040	290049
4	□	O Ring, BUNA	299057	299057	299057	299057	299060
	♦	O Ring, SFY	290010	290010	290010	290010	290161
5	1	Stem	620529	NA	NA	NA	NA
6	1	Bonnet	620582	620584	620586	620588	620590
7	1	Handle	720756	722115	722115	724287	724287
8	1	Lock Clip	628530	628531	628531	628531	628531

Parts marked with □♦ are included in the service kits.

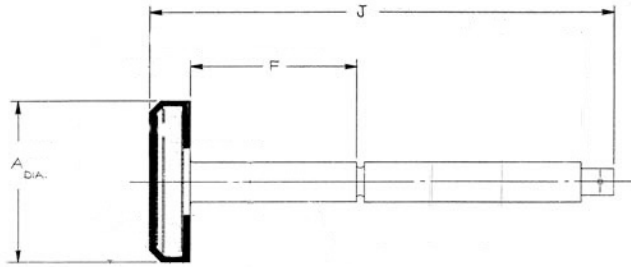
		1"	1 1/2"	2"	2 1/2"	3"
□	Service Kit BUNA	9613990636	9613990638	9613990640	9613990642	9613990644
♦	Service Kit SFY	9613990637	9613990639	9613990641	9613990643	9613990645



Pos	Qty	Denomination	1"	1 1/2"	2"	2 1/2"	3"	4"
2	1	Body	NA	NA	NA	NA	NA	NA
3	1	O ring, BUNA	299056	299057	299057	299057	299060	299060
	1	O ring, SFY	290011	290010	290010	290010	290161	NA
4	1	Body Clamp	621057	212197	212198	212199	212211	NA
5	1	Gasket, BUNA	299317	298454	298455	298456	298360	299320
6	1	Bonnet	621061	622163	623356	623356	625746	NA
7	1	Stem, BUNA	620076	620113	620125	620160	620168	620177
	1	Stem, SFY	620074	620110	620121	620159	620164	620176
8	1	Handle	720756	722115	722115	724287	726356	726356
9	1	Lock Clip	628530	628531	628531	628531	628531	628531

Parts marked with ◻♦ are included in the service kits.

Table 2. 60YR-Size-02H-316-Mat'l



Size	A	F	J
1"	1.424	1.812	5.656
1 1/2"	2.290	2.375	7.937
2"	2.924	3.125	8.734
2 1/2"	3.795	4.250	10.375
3"	4.545	5.000	12.406
4"	5.920	6.375	15.250

		1"	1 1/2"	2"	2 1/2"	3"	4"
◻	Service Kit BUNA	9613990646	9613990648	9613990650	9613990652	9613990654	NA
♦	Service Kit SFY	9613990647	9613990649	9613990651	9613990653	9613990655	NA

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