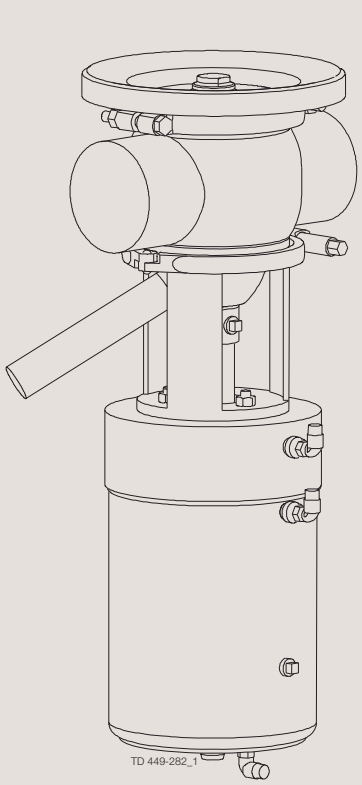
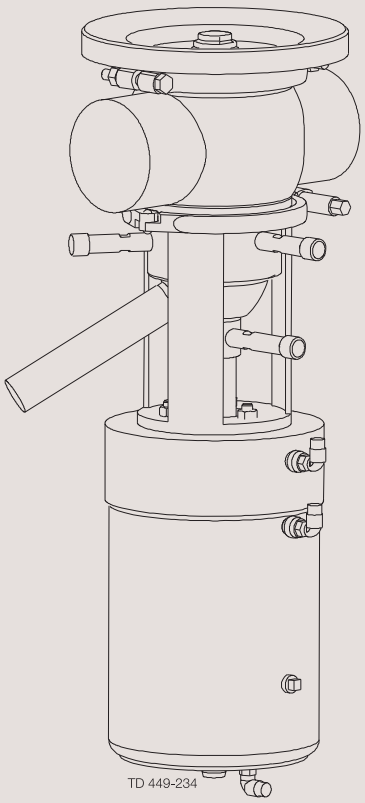
Spare Parts

Unique Mixproof Tank Outlet Valve





ESE00157-EN9 2017-04

Original manual

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The information herein is correct at the time of issue but may be subject to change without prior notice

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1 Sectional drawings

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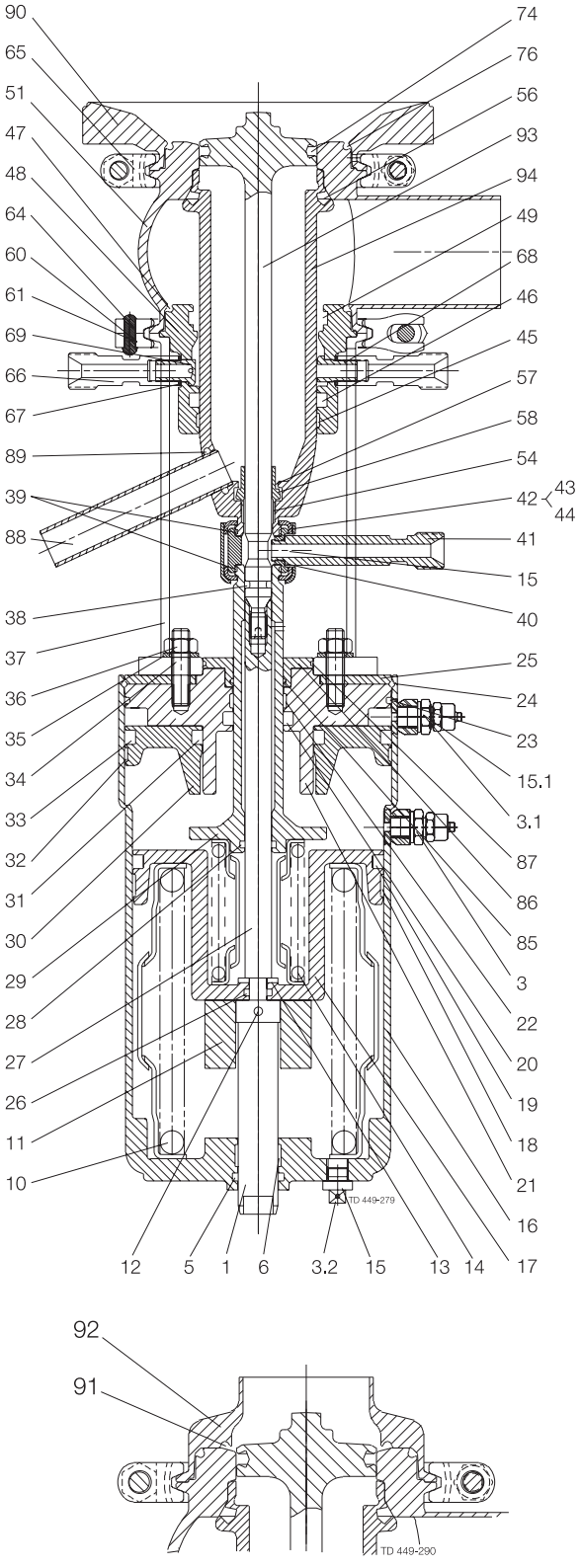

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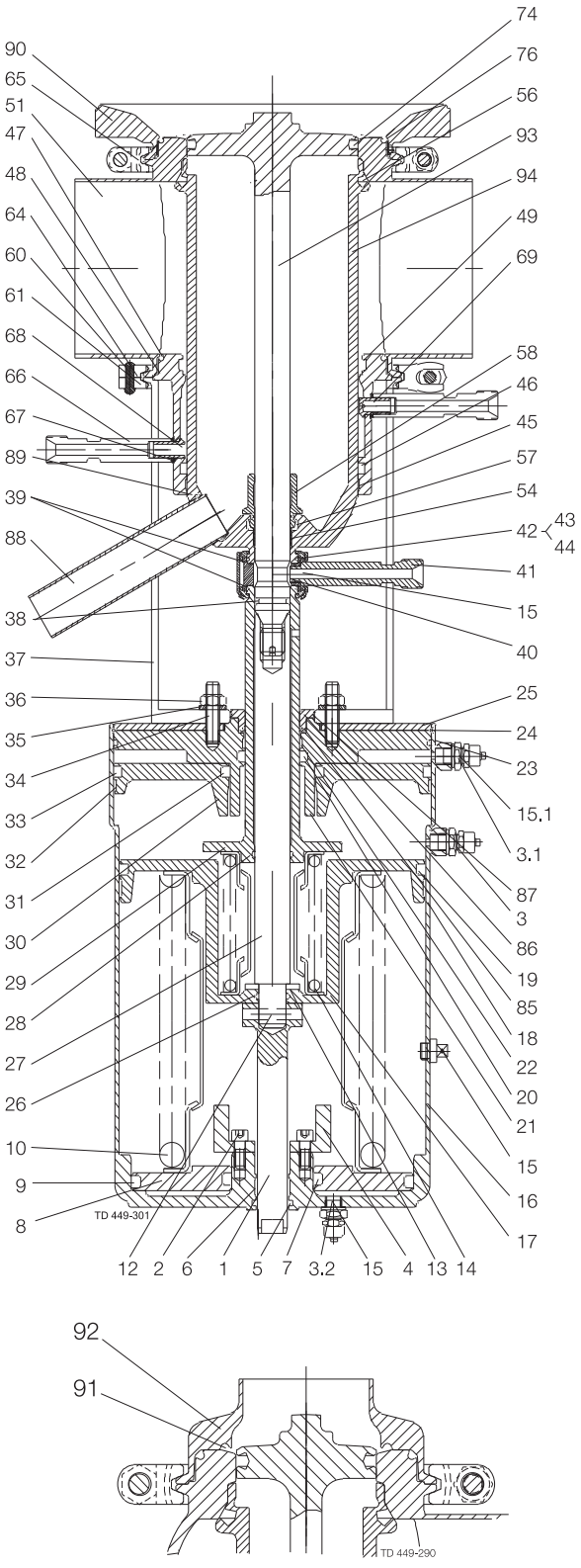
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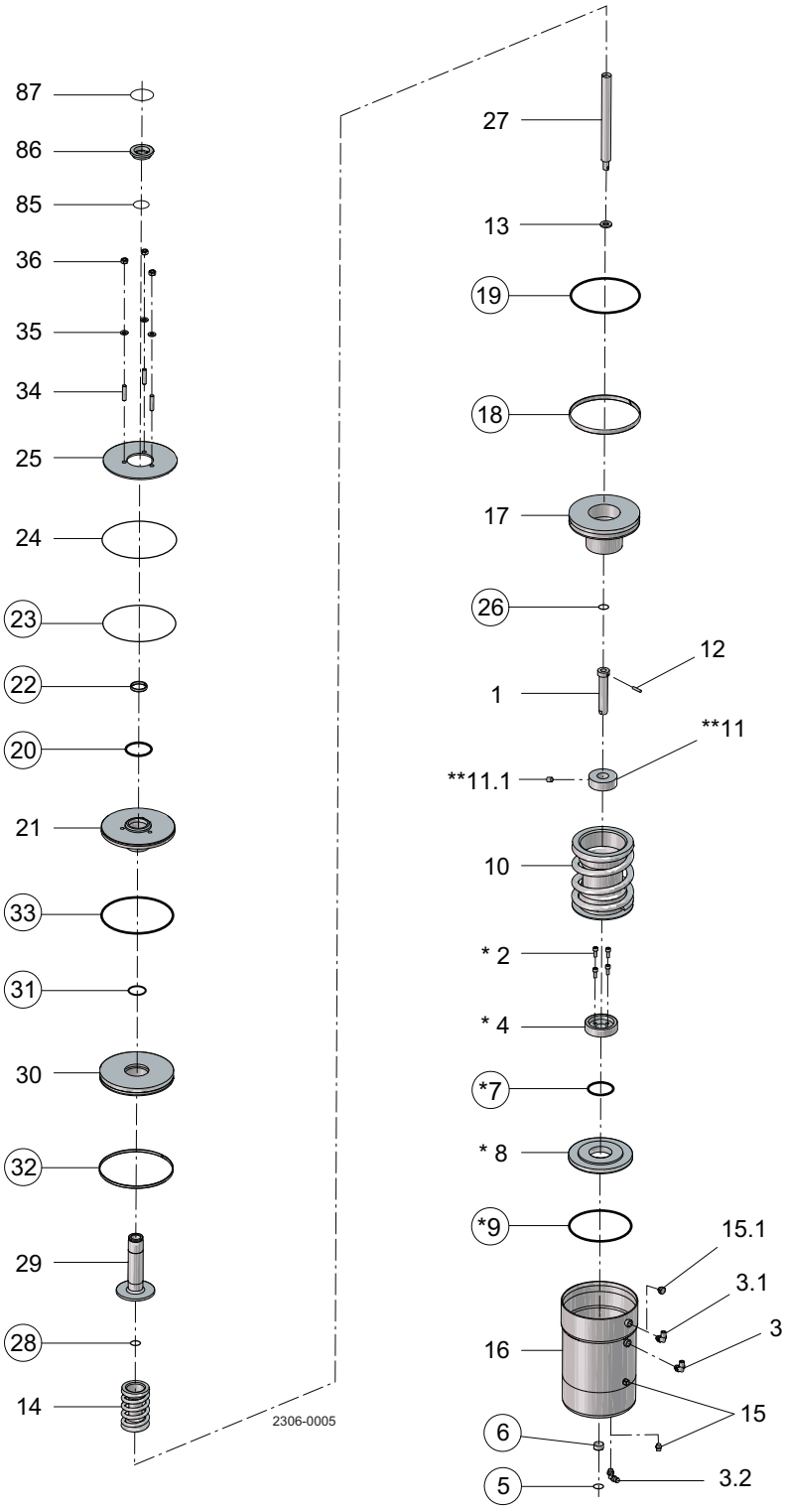


◯ = actuator kit

✶ = Not used in actuator 1½”-2”

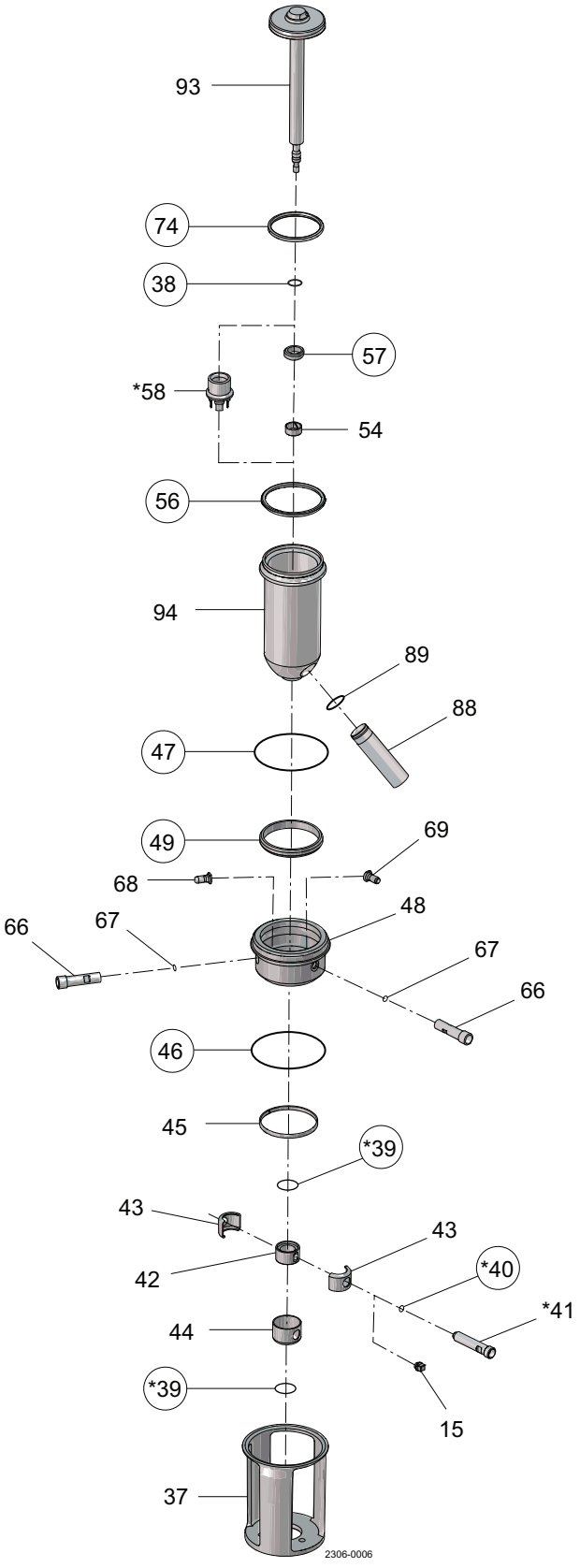
✶✶ = Not used in actuator 2½”, 3”, 4” and 6”,

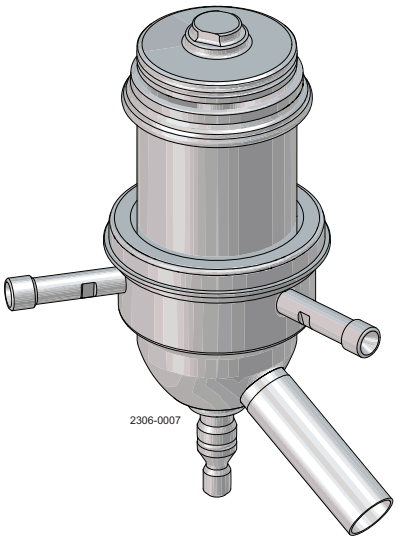
Pos		Qty	Denomination	DN/OD 51 DN 50	DN/OD 63.5 DN 65 DN/OD 76.1 DN 80	LongStroke DN/OD 63.5 DN 65 DN/OD 76.1 DN 80	DN/OD 101.6 DN 100	DN 125 DN 150
1		1	Upper stem	9613010102	9613007401	9613007402	9613007402	9613007402
2		4	Screw		9611993342	9611993342	9611993342	9611993342
3		1	Air fitting	9611991988	9611991988	9611991988	9611991988	9611991988
3.1		1	Air fitting	9611991988	9611991988	9611991988	9611991988	9611991988
3.2		1	Air fitting	9611991988	9611991988	9611991988	9611991988	9611991988
4		1	Stop for upper piston		9613005301	9613005302	9613005302	9613005302
5	□	1	O-ring, NBR	9611993499	9611993499	9611993499	9611993499	9611993499
6	□	1	Guide ring, Turcite	9613008408	9613008408	9613008408	9613008408	9613008408
7	□	1	O-ring, NBR	9611993514	9611993514	9611993514	9611993514	
8		1	Upper piston		9613005601	9613005602	9613005602	9613005602
9	□	1	O-ring, NBR		9611993512	9611993513	9611993513	9611993513
10		1	Spring assembly	9613012501	9613007502	9613025604	9613025604	9613025604
11		1	Distance spacer	9613010202				
11.1		1	Screw	9611991763				
12		1	Pin	9611994197	9611994198	9611994199	9611994199	9611994199
13		1	Washer	9611993594	9611993595	9611993596	9611993596	9611993596
14		1	Spring assembly	9613013101	9613009502	9613009502	9613009502	9613009502
15		1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
15.1		1	Plug	9611993709	9611993709	9611993709	9611993709	9611993709
17		1	Main piston	9613013201	9613005701	9613015901	9613015901	9613015901
18	□	1	Guide ring, Turcite	9613008409	9613008410	9613008411	9613008411	9613008411
19	□	1	O-ring, NBR	9611993505	9611993507	9611993509	9611993509	9611993509
20	□	1	O-ring, NBR	9611993503	9611993607	9611993607	9611993607	9611993607
21		1	Bottom	9613014001	9613005401	9613016801	9613016801	9613016801
22	□	1	Guide ring, Turcite	9613008403	9613008404	9613008404	9613008404	9613008404
23	□	1	O-ring, NBR	9611992228	9611991489	22340675	22340675	22340675
24		1	Retaining ring	9613024802	9613024803	9613024804	9613024804	9613024804
25		1	Cover disk	9613005802	9613005803	9613005804	9613005804	9613005804
26	□	1	O-ring, NBR	9611993528	9611993495	9611993530	9611993530	9611993530
27		1	Inner stem	9613010602	9613007301	9613007302	9613007302	9613007302
28	□	1	O-ring	9611993495	9611990030	9611990030	9611990030	9611990030
29		1	Piston rod	9613013401	9613006001	9613006002	9613006002	9613006002
30		1	Lower piston	9613013801	9613005501	9613016601	9613016601	9613016601
31	□	1	O-ring, NBR	42153	42153	42153	42153	42153
32	□	1	Guide ring, Turcite	9613008405	9613008406	9613008407	9613008407	9613008407
33	□	1	O-ring, NBR	22341275	9611993508	9611993510	9611993510	9611993510
34		3	Bolt	9611993618	9611993618	9611993618	9611993618	9611993618
35		3	Washer	9611993594	9611993594	9611993594	9611993594	9611993594
36		3	Nut	9611990360	9611990360	9611990360	9611990360	9611990360
85		1	O-ring, NBR	9611994604	9611990092	9611990092	9611990092	9611990092
86		1	Prop	9613099001	9613099002	9613099002	9613099002	9613099002
87		1	O-ring, NBR	9611994599	9611994599	9611994599	9611994599	9611994599

		DN/OD 51 DN 50	DN/OD 63.5 DN 65 DN/OD 76.1 DN 80	LongStroke DN/OD 63.5 DN 65 DN/OD 76.1 DN 80	DN/OD 101.6 DN 100	DN 125 DN 150
□	**Service kits, actuator**	**9611926414**	**9611926415**	**9611926416**	**9611926416**	**9611926416**

Parts marked with □ are included in the service kits.

Plug setup 6 (tank flange)





◯ = wear parts

* = with SpiralClean in leakage chamber

Plug setup 6 (tank flange)

Pos		Qty	Denomination	DN/OD 51 DN50 Seat ø53.3	DN/OD 63.5 DN/OD 76.1 DN65/DN80 Seat ø81.3	LongStroke DN/OD 63.5 DN/OD 76.1 DN65/DN80 Seat ø81.3	DN/OD 101.6 DN 100 Seat ø100.3	DN 125 Seat ø115.3
Spindle liner								
15		1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
42		1	Spindle liner	9613011601	9613009001	9613009001	9613009001	9613009001
43		2	Clamp	9613011801	9613009201	9613009201	9613009201	9613009201
44		1	Lock	9613011701	9613009101	9613009101	9613009101	9613009101
Extra parts if SpiralClean in vent cavity								
39		2	O-ring, EPDM	9611993492	9611993493	9611993493	9611993493	9611993493
40		1	O-ring, EPDM	9611993119	9611993119	9611993119	9611993119	9611993119
41		1	Flushing tube	3135710172	3135710172	3135710172	3135710172	3135710172
58		1	Spray nozzle, PVDF	9613098801	9613098901	9613098901	9613098901	9613098901
Sealing element								
45		1	Guide ring	9613008413	9613008414	9613008414	9613008420	9613008415
46	●	1	O-ring, EPDM	9611993650	9611993651	9611993651	9611994407	9611993652
47	●	1	O-ring, EPDM	9611993632	9611993636	9611993636	9611993640	9611993644
	●	1	O-ring, NBR	9611993633	9611993637	9611993637	9611993641	9611993645
	●	1	O-ring, FPM	9611993634	9611993638	9611993638	9611993642	9611993646
	●	1	O-ring, HNBR	9611993635	9611993639	9611993639	9611993643	9611993647
48		1	Sealing element	9613049101	9613049201	9613049201	9613065901	9613049401
49	●	1	Lip seal, EPDM	9613008521	9613008526	9613008526	9613008548	9613008531
	●	1	Lip seal, NBR	9613008522	9613008527	9613008527	9613008549	9613008532
	●	1	Lip seal, FPM	9613008523	9613008528	9613008528	9613008550	9613008533
	●	1	Lip seal, HNBR	9613008524	9613008529	9613008529	9613008551	9613008534
66		2	Flushing tube	9613007902	9613007903	9613007903	9613007904	9613007905
67	●	2	O-ring, EPDM	9611993119	9611993119	9611993119	9611993119	9611993119
68		1	Drain	9613008001	9613008001	9613008001	9613008001	9613008001
69		1	Nozzle	9613008002	9613008002	9613008002	9613008002	9613008002
Upper plug								
54		1	Guide ring, PTFE	9613008401	9613008402	9613008402	9613008402	9613008402
56	●	1	Seal ring, EPDM	9613095106	9613095109	9613095109	9613095119	9613095112
	●	1	Seal ring, NBR	9613095114	9613095115	9613095115	9613095120	9613095116
	●	1	Seal ring , FPM	9613095105	9613095108	9613095108	9613095118	9613095111
	●	1	Seal ring, HNBR	9613095104	9613095107	9613095107	9613095117	9613095110
57	●	1	Lip seal, EPDM	9613008706	9613008711	9613008711	9613008711	9613008711
	●	1	Lip seal, NBR	9613008707	9613008712	9613008712	9613008712	9613008712
	●	1	Lip seal, FPM	9613008708	9613008713	9613008713	9613008713	9613008713
	●	1	Lip seal, HNBR	9613008709	9613008714	9613008714	9613008714	9613008714
88	Δ	1	Pipe for balance plug, *	9615248501	9615248502	9615248502	9615248502	9615248502
		1	Pipe for balance plug, **	9613098101	9613098102	9613098102	9613098102	9613098102
89	Δ●	1	O-ring, EPDM, *	9611995937	9611995938	9611995938	9611995938	9611995938
	●	1	O-ring, EPDM, **	9611994603	9611994600	9611994600	9611994600	9611994600
94	Δ	1	Balance plug, *	9615248702	9615248802	9615248802	9615248902	9615249002
		1	Balance plug, **	9613096302	9613096402	9613096402	9613096502	9613096602
Lower plug								
38	●	1	O-ring, EPDM	9611993555	9611993572	9611993572	9611993572	9611993572
74	●	1	Seal ring, EPDM	9613095206	9613095209	9613095209	9613095219	9613095212
	●	1	Seal ring, NBR	9613095214	9613095215	9613095215	9613095220	9613095216
	●	1	Seal ring, FPM - Alfa Laval recommends EPDM	9613095205	9613095208	9613095208	9613095218	9613095211
	●	1	Seal ring, HNBR	9613095204	9613095207	9613095207	9613095217	9613095210
93		1	Tank plug	9613096702	9613096802	9613096802	9613096902	9613097002

* = (period 1702 -)

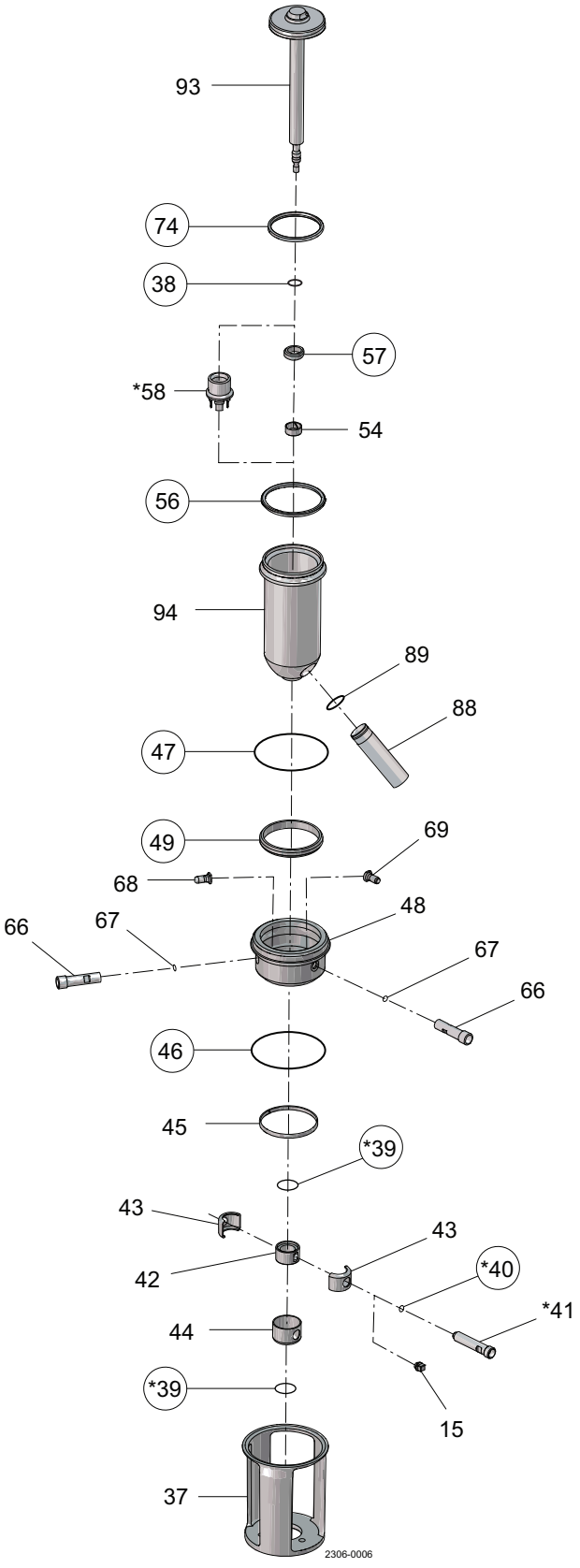
** = (period -1702)

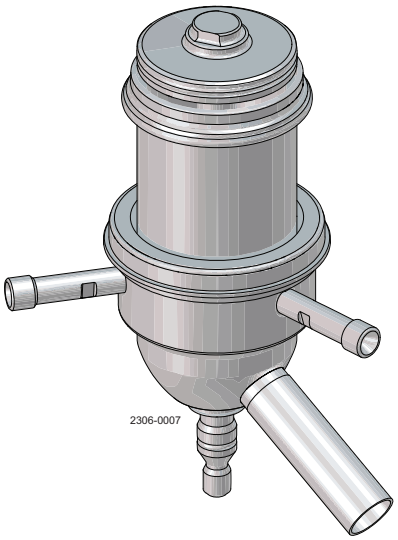
Δ = Upgrade kit - please buy pos. 88, 89 and 94.

Pos. 37, please see section 7 Valve body

See note below service kits.

Plug setup 6 (tank flange)





◯ = wear parts

* = with SpiralClean in leakage chamber

Plug setup 6 (tank flange)

		DN/OD 51 DN50 Seat ø53.3	DN/OD 63.5 DN/OD 76.1 DN65/DN80 Seat ø81.3	LongStroke DN/OD 63.5 DN/OD 76.1 DN65/DN80 Seat ø81.3	DN/OD 101.6 DN 100 Seat ø100.3	DN 125 Seat ø115.3
•	Service kit, EPDM	9611926449	9611926453	9611926453	9611926457	9611926461
•	Service kit, NBR	9611926450	9611926454	9611926454	9611926458	9611926462
•	Service kit, FPM	9611926451	9611926455	9611926455	9611926459	9611926463
•	Service kit, HNBR	9611926452	9611926456	9611926456	9611926460	9611926464

Parts marked with • are included in the service kits.
Δ = Upgrade kit - please buy pos. 88, 89 and 94.

NOTE!
If SpiralClean in leakage chamber extra O-rings (2x pos. 39 and 1x pos. 40) is required.
All FPM service kits are supplied with EPDM seal ring, pos. 74.

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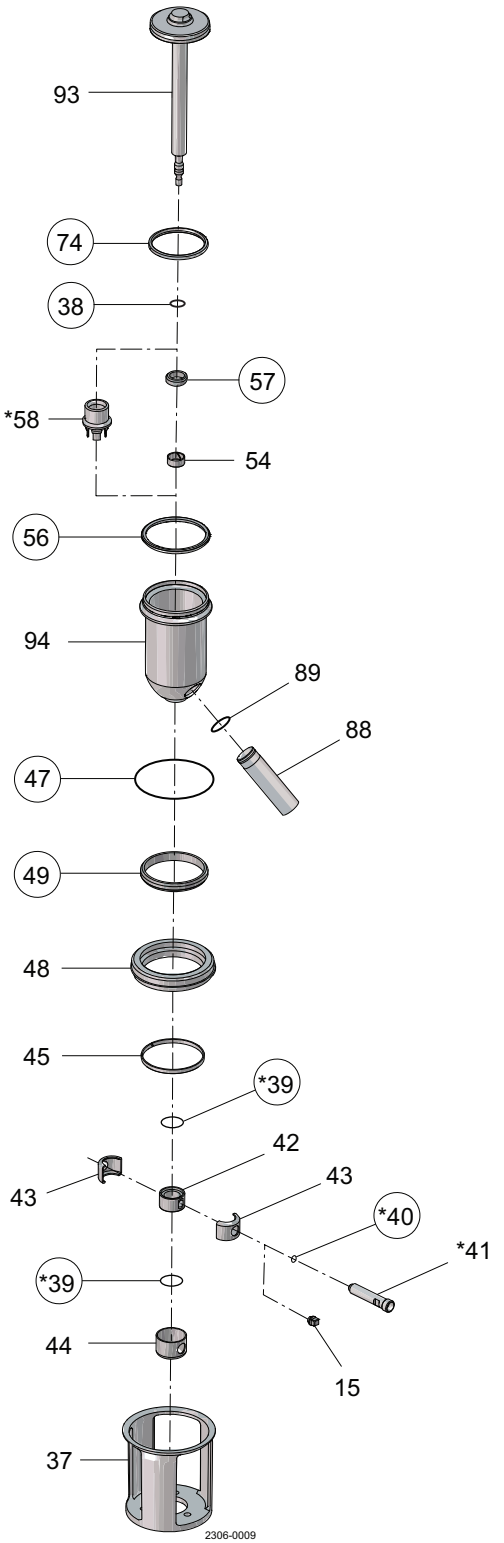
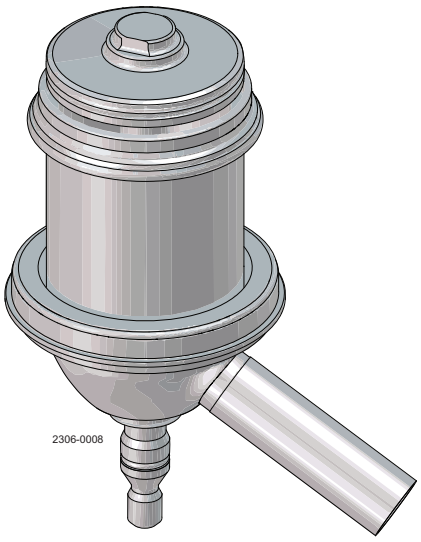
Plug setup 12 (tank flange)





◯ = wear parts

* = with SpiralClean in leakage chamber

Plug setup 12 (tank flange)

Pos		Qty	Denomination	DN/OD 51 DN50 Seat ø53.3	DN/OD 63.5 DN/OD 76.1 DN65/DN80 Seat ø81.3	LongStroke DN/OD 63.5 DN/OD 76.1 DN65/DN80 Seat ø81.3	DN/OD 101.6 DN 100 Seat ø100.3	DN 125 Seat ø115.3	DN 150 Seat ø115.3
Spindle liner									
15		1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
42		1	Spindle liner	9613011601	9613009001	9613009001	9613009001	9613009001	9613009001
43		2	Clamp	9613011801	9613009201	9613009201	9613009201	9613009201	9613009201
44		1	Lock	9613011701	9613009101	9613009101	9613009101	9613009101	9613009101
Extra parts if SpiralClean in vent cavity									
39		2	O-ring, EPDM	9611993492	9611993493	9611993493	9611993493	9611993493	9611993493
40		1	O-ring, EPDM	9611993119	9611993119	9611993119	9611993119	9611993119	9611993119
41		1	Flushing tube	3135710172	3135710172	3135710172	3135710172	3135710172	3135710172
58		1	Spray nozzle, PVDF	9613098801	9613098901	9613098901	9613098901	9613098901	9613098901
Sealing element									
45		1	Guide ring	9613008413	9613008414	9613008414	9613008420	9613008415	9613008415
47	●	1	O-ring, EPDM	9611993632	9611993636	9611993636	9611993640	9611993644	9611993644
	●	1	O-ring, NBR	9611993633	9611993637	9611993637	9611993641	9611993645	9611993645
	●	1	O-ring, FPM	9611993634	9611993638	9611993638	9611993642	9611993646	9611993646
	●	1	O-ring, HNBR	9611993635	9611993639	9611993639	9611993643	9611993647	9611993647
48		1	Sealing element	9613014202	9613006402	9613006402	9613066001	9613017002	9613017002
49	●	1	Lip seal, EPDM	9613008521	9613008526	9613008526	9613008548	9613008531	9613008531
	●	1	Lip seal, NBR	9613008522	9613008527	9613008527	9613008549	9613008532	9613008532
	●	1	Lip seal, FPM	9613008523	9613008528	9613008528	9613008550	9613008533	9613008533
	●	1	Lip seal, HNBR	9613008524	9613008529	9613008529	9613008551	9613008534	9613008534
Upper plug									
54		1	Guide ring, PTFE	9613008401	9613008402	9613008402	9613008402	9613008402	9613008402
56	●	1	Seal ring, EPDM	9613095106	9613095109	9613095109	9613095119	9613095112	9613095112
	●	1	Seal ring, NBR	9613095114	9613095115	9613095115	9613095120	9613095116	9613095116
	●	1	Seal ring, FPM	9613095105	9613095108	9613095108	9613095118	9613095111	9613095111
	●	1	Seal ring, HNBR	9613095104	9613095107	9613095107	9613095117	9613095110	9613095110
57	●	1	Lip seal, EPDM	9613008706	9613008711	9613008711	9613008711	9613008711	9613008711
	●	1	Lip seal, NBR	9613008707	9613008712	9613008712	9613008712	9613008712	9613008712
	●	1	Lip seal, FPM	9613008708	9613008713	9613008713	9613008713	9613008713	9613008713
	●	1	Lip seal, HNBR	9613008709	9613008714	9613008714	9613008714	9613008714	9613008714
88	Δ	1	Pipe for balance plug, *	9615248501	9615248502	9615248502	9615248502	9615248502	9615248502
		1	Pipe for balance plug, **	9613098101	9613098102	9613098102	9613098102	9613098102	9613098102
89	Δ●	1	O-ring, EPDM, *	9611995937	9611995938	9611995938	9611995938	9611995938	9611995938
	●	1	O-ring, EPDM, **	9611994603	9611994600	9611994600	9611994600	9611994600	9611994600
94	Δ	1	Balance plug, *	9615248701	9615248801	9615248801	9615248901	9615249001	9615249002
		1	Balance plug, **	9613096301	9613096401	9613096401	9613096501	9613096601	9613096602
Lower plug									
38	●	1	O-ring, EPDM	9611993555	9611993572	9611993572	9611993572	9611993572	9611993572
74	●	1	Seal ring, EPDM	9613095206	9613095209	9613095209	9613095219	9613095212	9613095212
	●	1	Seal ring, NBR	9613095214	9613095215	9613095215	9613095220	9613095216	9613095216
	●	1	Seal ring, FPM - Alfa Laval recommends EPDM	9613095205	9613095208	9613095208	9613095218	9613095211	9613095211
	●	1	Seal ring, HNBR	9613095204	9613095207	9613095207	9613095217	9613095210	9613095210
93		1	Tank plug	9613096701	9613096801	9613096801	9613096901	9613097001	9613097002

* = (period 1702 -)

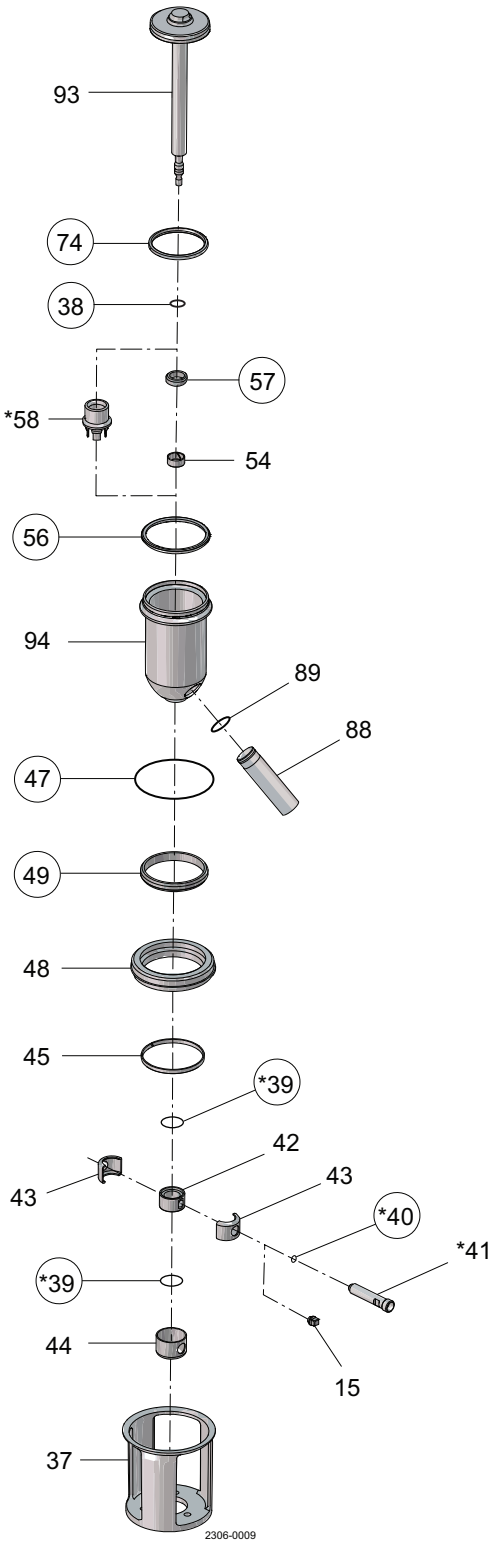
** = (period -1702)

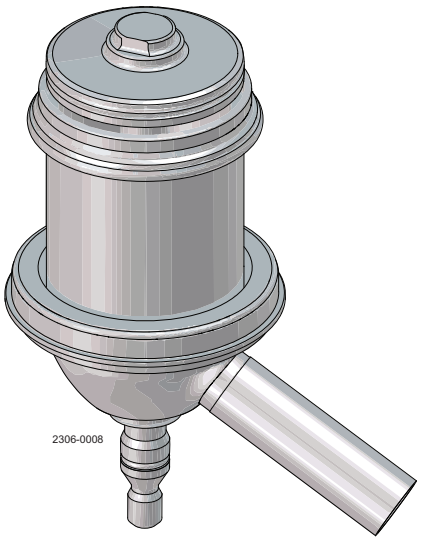
Δ = Upgrade kit - please buy pos. 88, 89 and 94.

Pos. 37, please see section 7 Valve body

See note below service kits.

Plug setup 12 (tank flange)





◯ = wear parts

* = with SpiralClean in leakage chamber

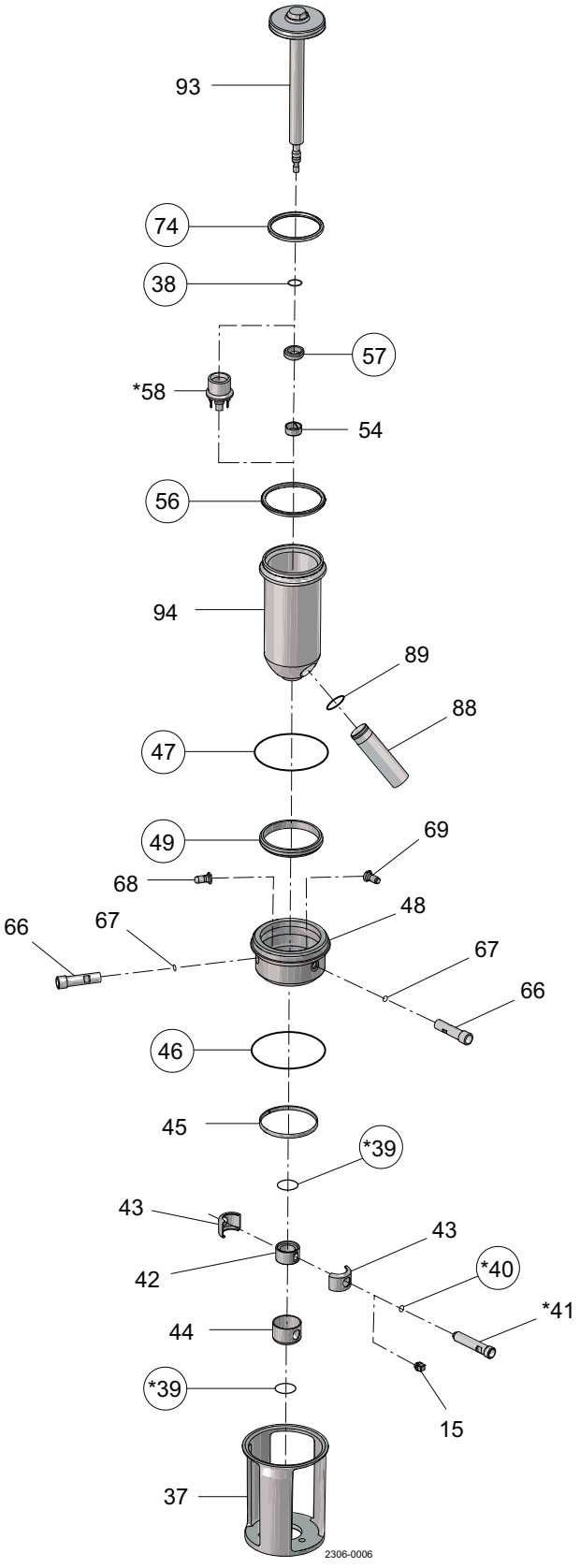
Plug setup 12 (tank flange)

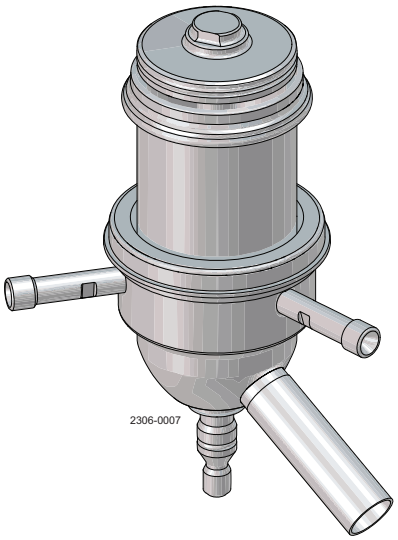
		DN/OD 51 DN50 Seat ø53.3	DN/OD 63.5 DN/OD 76.1 DN65/DN80 Seat ø81.3	LongStroke DN/OD 63.5 DN/OD 76.1 DN65/DN80 Seat ø81.3	DN/OD 101.6 DN 100 Seat ø100.3	DN 125 Seat ø115.3	DN 150 Seat ø115.3
•	Service kit, EPDM	9611926433	9611926437	9611926437	9611926441	9611926445	9611926445
•	Service kit, NBR	9611926434	9611926438	9611926438	9611926442	9611926446	9611926446
•	Service kit, FPM	9611926435	9611926439	9611926439	9611926443	9611926447	9611926447
•	Service kit, HNBR	9611926436	9611926440	9611926440	9611926444	9611926448	9611926448

Parts marked with • are included in the service kits.
Δ = Upgrade kit - please buy pos. 88, 89 and 94.

NOTE!
If SpiralClean in leakage chamber extra O-rings (2x pos. 39 and 1x pos. 40) is required.
All FPM service kits are supplied with EPDM seal ring, pos. 74.

Plug setup 6 (stub flange)





◯ = wear parts

* = with SpiralClean in leakage chamber

Plug setup 6 (stub flange)

Pos		Qty	Denomination	DN/OD 51 DN50 Seat ø53.3	DN/OD 63.5 DN/OD 76.1 DN65/DN80 Seat ø81.3	LongStroke DN/OD 63.5 DN/OD 76.1 DN65/DN80 Seat ø81.3	DN/OD 101.6 DN 100 Seat ø100.3	DN 125 Seat ø115.3
Spindle liner								
15		1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101
42		1	Spindle liner	9613011601	9613009001	9613009001	9613009001	9613009001
43		2	Clamp	9613011801	9613009201	9613009201	9613009201	9613009201
44		1	Lock	9613011701	9613009101	9613009101	9613009101	9613009101
Extra parts if SpiralClean in vent cavity								
39		2	O-ring, EPDM	9611993492	9611993493	9611993493	9611993493	9611993493
40		1	O-ring, EPDM	9611993119	9611993119	9611993119	9611993119	9611993119
41		1	Flushing tube	3135710172	3135710172	3135710172	3135710172	3135710172
58		1	Spray nozzle, PVDF	9613098801	9613098901	9613098901	9613098901	9613098901
Sealing element								
45		1	Guide ring	9613008413	9613008414	9613008414	9613008420	9613008415
46	●	1	O-ring, EPDM	9611993650	9611993651	9611993651	9611994407	9611993652
47	●	1	O-ring, EPDM	9611993632	9611993636	9611993636	9611993640	9611993644
	●	1	O-ring, NBR	9611993633	9611993637	9611993637	9611993641	9611993645
	●	1	O-ring, FPM	9611993634	9611993638	9611993638	9611993642	9611993646
	●	1	O-ring, HNBR	9611993635	9611993639	9611993639	9611993643	9611993647
48		1	Sealing element	9613049101	9613049201	9613049201	9613065901	9613049401
49	●	1	Lip seal, EPDM	9613008521	9613008526	9613008526	9613008548	9613008531
	◆	1	Lip seal, NBR	9613008522	9613008527	9613008527	9613008549	9613008532
	●	1	Lip seal, FPM	9613008523	9613008528	9613008528	9613008550	9613008533
	●	1	Lip seal, HNBR	9613008524	9613008529	9613008529	9613008551	9613008534
66		2	Flushing tube	9613007902	9613007903	9613007903	9613007904	9613007905
67	●	2	O-ring, EPDM	9611993119	9611993119	9611993119	9611993119	9611993119
68		1	Drain	9613008001	9613008001	9613008001	9613008001	9613008001
69		1	Nozzle	9613008002	9613008002	9613008002	9613008002	9613008002
Upper plug								
54		1	Guide ring, PTFE	9613008401	9613008402	9613008402	9613008402	9613008402
56	●	1	Seal ring, EPDM	9613095106	9613095109	9613095109	9613095119	9613095112
	●	1	Seal ring, NBR	9613095114	9613095115	9613095115	9613095120	9613095116
	●	1	Seal ring, FPM	9613095105	9613095108	9613095108	9613095118	9613095111
	●	1	Seal ring, HNBR	9613095104	9613095107	9613095107	9613095117	9613095110
57	●	1	Lip seal, EPDM	9613008706	9613008711	9613008711	9613008711	9613008711
	●	1	Lip seal, NBR	9613008707	9613008712	9613008712	9613008712	9613008712
	●	1	Lip seal, FPM	9613008708	9613008713	9613008713	9613008713	9613008713
	●	1	Lip seal, HNBR	9613008709	9613008714	9613008714	9613008714	9613008714
88	Δ	1	Pipe for balance plug, *	9615248501	9615248502	9615248502	9615248502	9615248502
		1	Pipe for balance plug, **	9613098101	9613098102	9613098102	9613098102	9613098102
89	Δ●	1	O-ring, EPDM, *	9611995937	9611995938	9611995938	9611995938	9611995938
	●	1	O-ring, EPDM, **	9611994603	9611994600	9611994600	9611994600	9611994600
94	Δ	1	Balance plug, *	9615248702	9615248802	9615248802	9615248902	9615249002
		1	Balance plug, **	9613096302	9613096402	9613096402	9613096502	9613096602
Lower plug								
38	●	1	O-ring, EPDM	9611993555	9611993572	9611993572	9611993572	9611993572
74	●	1	Seal ring, EPDM	9613095206	9613095209	9613095209	9613095219	9613095212
	●	1	Seal ring, NBR	9613095214	9613095215	9613095215	9613095220	9613095216
	●	1	Seal ring, FPM - Alfa Laval recommends EPDM	9613095205	9613095208	9613095208	9613095218	9613095211
	●	1	Seal ring, HNBR	9613095204	9613095207	9613095207	9613095217	9613095210
93		1	Tank plug	9613096702	9613096802	9613096802	9613096902	9613097002

* = (period 1702 -)

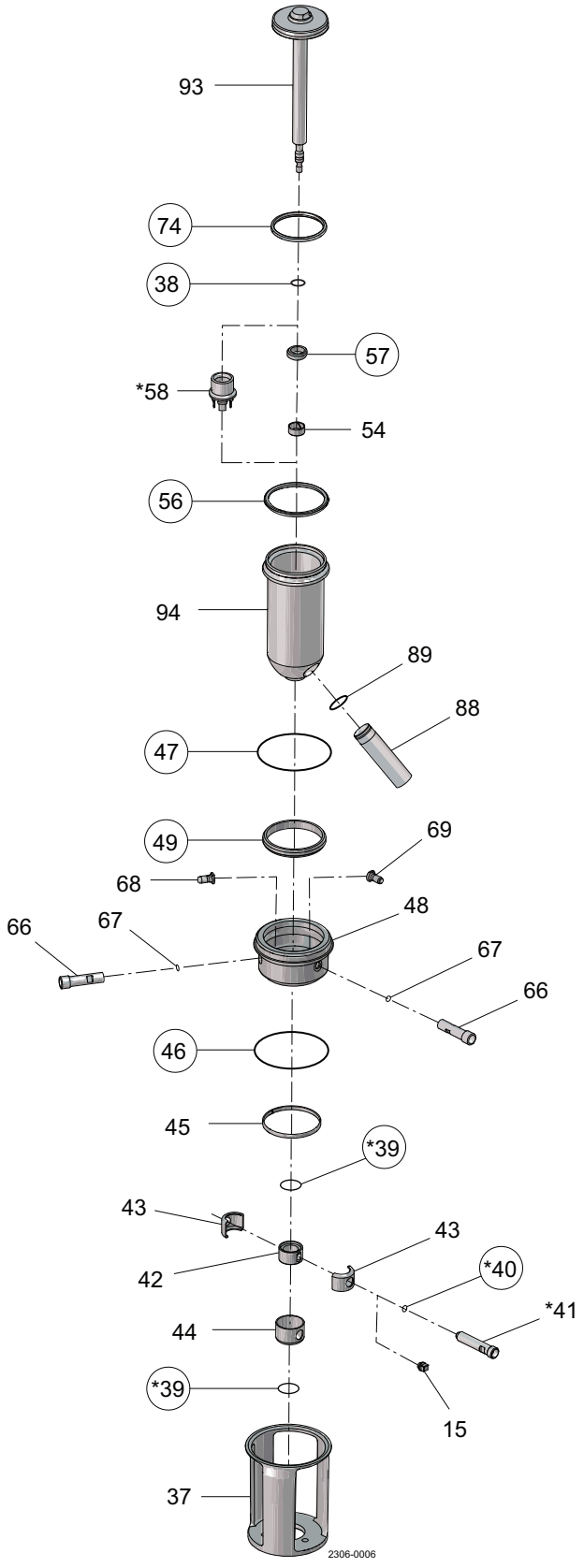
** = (period -1702)

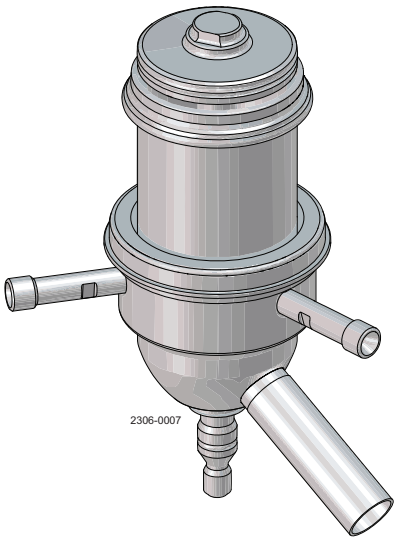
Δ = Upgrade kit - please buy pos. 88, 89 and 94.

Pos. 37, please see section 7 Valve body

See note below service kits.

Plug setup 6 (stub flange)





◯ = wear parts

* = with SpiralClean in leakage chamber

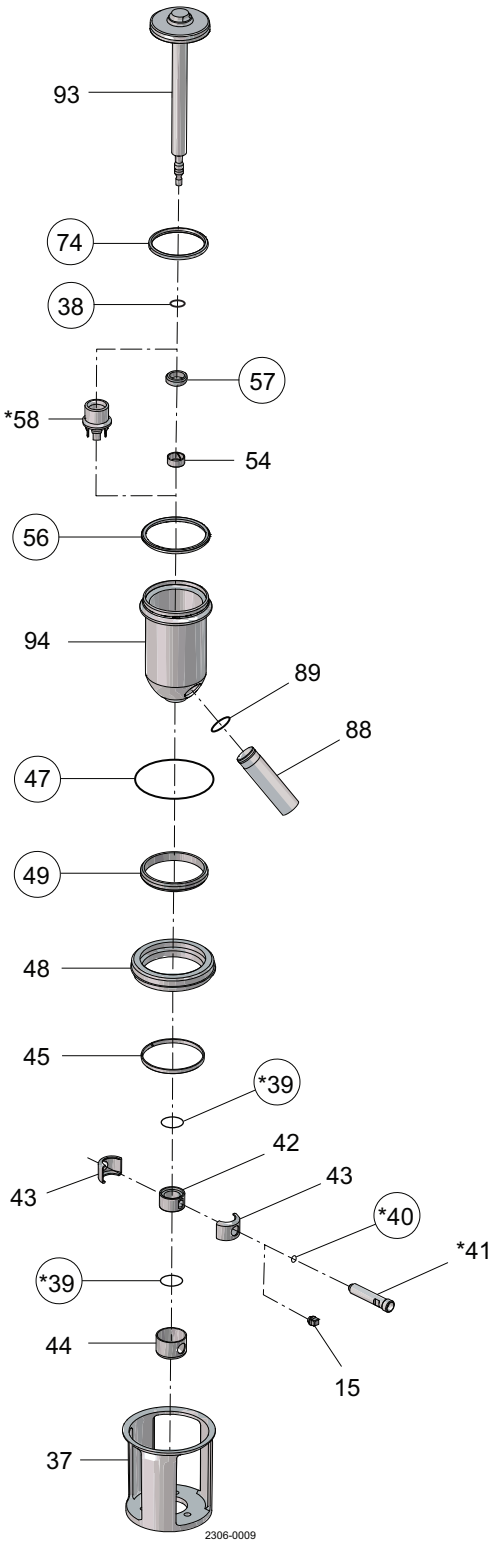
Plug setup 6 (stub flange)

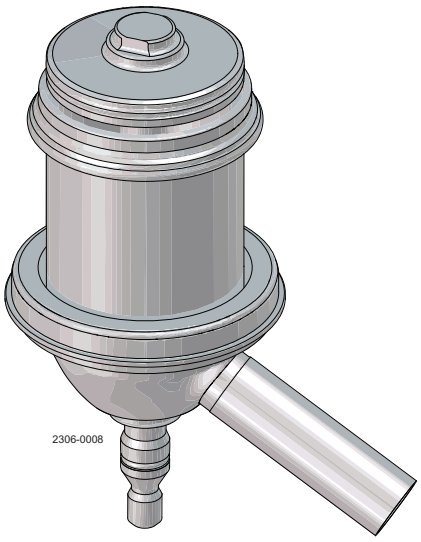
		DN/OD 51 DN50 Seat ø53.3	DN/OD 63.5 DN/OD 76.1 DN65/DN80 Seat ø81.3	LongStroke DN/OD 63.5 DN/OD 76.1 DN65/DN80 Seat ø81.3	DN/OD 101.6 DN 100 Seat ø100.3	DN 125 Seat ø115.3
•	Service kit, EPDM	9611926481	9611926485	9611926485	9611926489	9611926493
•	Service kit, NBR	9611926482	9611926486	9611926486	9611926490	9611926494
•	Service kit, FPM	9611926483	9611926487	9611926487	9611926491	9611926495
•	Service kit, HNBR	9611926484	9611926488	9611926488	9611926492	9611926496

Parts marked with • are included in the service kits.
Δ = Upgrade kit - please buy pos. 88, 89 and 94.

NOTE!
If SpiralClean in leakage chamber extra O-rings (2x pos. 39 and 1x pos. 40) is required.
All FPM service kits are supplied with EPDM seal ring, pos. 74.

Plug setup 12 (stub flange)





◯ = wear parts

* = with SpiralClean in leakage chamber

Plug setup 12 (stub flange)

Pos		Qty	Denomination	DN/OD 51 DN50 Seat ø53.3	DN/OD 63.5 DN 65 DN/OD 76.1 DN65/DN80 Seat ø81.3	LongStroke DN/OD 63.5 DN 65 DN/OD 76.1 DN65/DN80 Seat ø81.3	DN/OD 101.6 DN 100 Seat ø100.3	DN 125 Seat ø115.3	DN 150 Seat ø115.3
Spindle liner									
15		1	Plug	9613414101	9613414101	9613414101	9613414101	9613414101	9613414101
42		1	Spindle liner	9613011601	9613009001	9613009001	9613009001	9613009001	9613009001
43		2	Clamp	9613011801	9613009201	9613009201	9613009201	9613009201	9613009201
44		1	Lock	9613011701	9613009101	9613009101	9613009101	9613009101	9613009101
Extra parts if SpiralClean in vent cavity									
39		2	O-ring, EPDM	9611993492	9611993493	9611993493	9611993493	9611993493	9611993493
40		1	O-ring, EPDM	9611993119	9611993119	9611993119	9611993119	9611993119	9611993119
41		1	Flushing tube	3135710172	3135710172	3135710172	3135710172	3135710172	3135710172
58		1	Spray nozzle, PVDF	9613098801	9613098901	9613098901	9613098901	9613098901	9613098901
Sealing element									
45		1	Guide ring	9613008413	9613008414	9613008414	9613008420	9613008415	9613008415
47	●	1	O-ring, EPDM	9611993632	9611993636	9611993636	9611993640	9611993644	9611993644
	●	1	O-ring, NBR	9611993633	9611993637	9611993637	9611993641	9611993645	9611993645
	●	1	O-ring, FPM	9611993634	9611993638	9611993638	9611993642	9611993646	9611993646
	●	1	O-ring, HNBR	9611993635	9611993639	9611993639	9611993643	9611993647	9611993647
48		1	Ssealing element	9613014202	9613006402	9613006402	9613066001	9613017002	9613017002
49	●	1	Lip seal, EPDM	9613008521	9613008526	9613008526	9613008548	9613008531	9613008531
	●	1	Lip seal, NBR	9613008522	9613008527	9613008527	9613008549	9613008532	9613008532
	●	1	Lip seal, FPM	9613008523	9613008528	9613008528	9613008550	9613008533	9613008533
	●	1	Lip seal, HNBR	9613008524	9613008529	9613008529	9613008551	9613008534	9613008534
Upper plug									
54		1	Guide ring, PTFE	9613008401	9613008402	9613008402	9613008402	9613008402	9613008402
56	●	1	Seal ring, EPDM	9613095106	9613095109	9613095109	9613095119	9613095112	9613095112
	●	1	Seal ring, NBR	9613095114	9613095115	9613095115	9613095120	9613095116	9613095116
	●	1	Seal ring, FPM	9613095105	9613095108	9613095108	9613095118	9613095111	9613095111
	●	1	Seal ring, HNBR	9613095104	9613095107	9613095107	9613095117	9613095110	9613095110
57	●	1	Lip seal, EPDM	9613008706	9613008711	9613008711	9613008711	9613008711	9613008711
	●	1	Lip seal, NBR	9613008707	9613008712	9613008712	9613008712	9613008712	9613008712
	●	1	Lip seal, FPM	9613008708	9613008713	9613008713	9613008713	9613008713	9613008713
	●	1	Lip seal, HNBR	9613008709	9613008714	9613008714	9613008714	9613008714	9613008714
88	Δ	1	Pipe for balance plug, *	9615248501	9615248502	9615248502	9615248502	9615248502	9615248502
		1	Pipe for balance plug, **	9613098101	9613098102	9613098102	9613098102	9613098102	9613098102
89	Δ●	1	O-ring, EPDM, *	9611995937	9611995938	9611995938	9611995938	9611995938	9611995938
	●	1	O-ring, EPDM, **	9611994603	9611994600	9611994600	9611994600	9611994600	9611994600
94	Δ	1	Balance plug, *	9615248701	9615248801	9615248801	9615248901	9615249001	9615249002
		1	Balance plug, **	9613096301	9613096401	9613096401	9613096501	9613096601	9613096602
Lower plug									
38	●	1	O-ring, EPDM	9611993555	9611993572	9611993572	9611993572	9611993572	9611993572
74	●	1	Seal ring, EPDM	9613095206	9613095209	9613095209	9613095219	9613095212	9613095212
	●	1	Seal ring, NBR	9613095214	9613095215	9613095215	9613095220	9613095216	9613095216
	●	1	Seal ring, FPM Alfa Laval recommends EPDM	9613095205	9613095208	9613095208	9613095218	9613095211	9613095211
	●	1	Seal ring, HNBR	9613095204	9613095207	9613095207	9613095217	9613095210	9613095210
93		1	Tank plug	9613096701	9613096801	9613096801	9613096901	9613097001	9613097002
Stubflange									
91	●	1	O-ring, EPDM	9611994606	9611994610	9611994610	9611994614	9611993640	9611993640
	●	1	O-ring, NBR	9611994607	9611994611	9611994611	9611994615	9611993641	9611993641
	●	1	O-ring, FPM	9611994608	9611994612	9611994612	9611994616	9611993642	9611993642
	●	1	O-ring, HNBR	9611994609	9611994613	9611994613	9611994617	9611993643	9611993643

* = (period 1702 -)

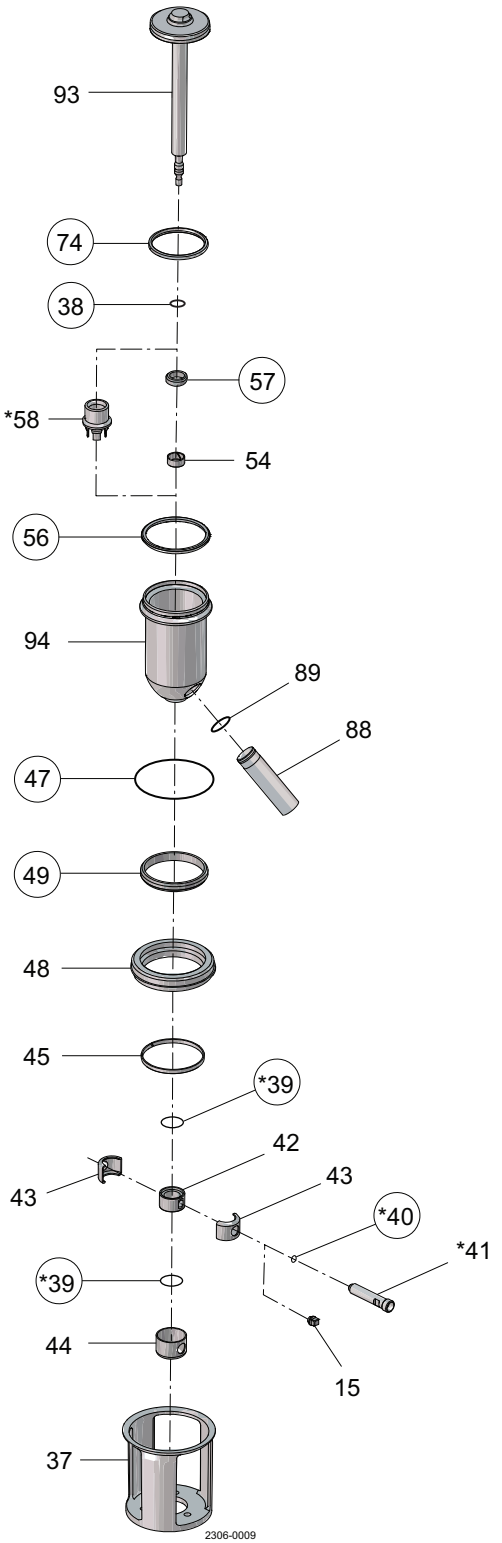
** = (period -1702)

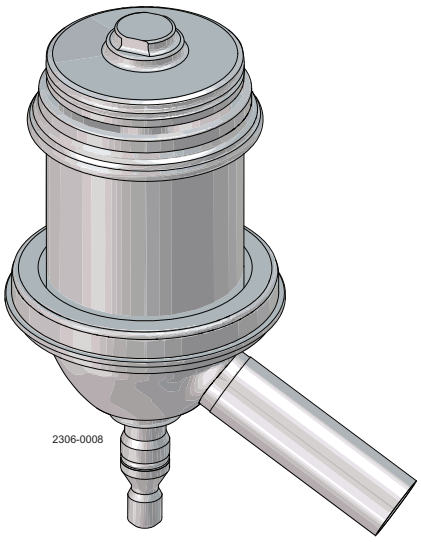
Δ = Upgrade kit - please buy pos. 88, 89 and 94.

Pos. 37, please see section 7 Valve body

See note below service kits.

Plug setup 12 (stub flange)





◯ = wear parts

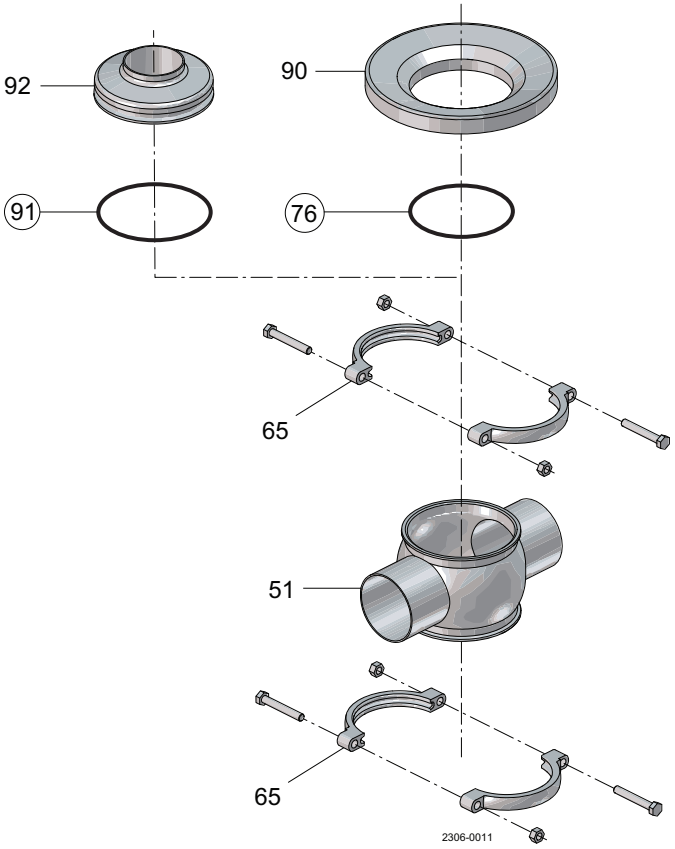
* = with SpiralClean in leakage chamber

Plug setup 12 (stub flange)

				LongStroke			
			DN/OD 63.5	DN/OD 63.5			
			DN65	DN65			
		DN/OD 51	DN/OD 76.1	DN/OD 76.1	DN/OD 101.6		
		DN50	DN65/DN80	DN65/DN80	DN 100	DN 125	DN 150
		Seat ø53.3	Seat ø81.3	Seat ø81.3	Seat ø100.3	Seat ø115.3	Seat ø115.3
•	Service kit, EPDM	9611926465	9611926469	9611926469	9611926473	9611926477	9611926477
•	Service kit, NBR	9611926466	9611926470	9611926470	9611926474	9611926478	9611926478
•	Service kit, FPM	9611926467	9611926471	9611926471	9611926475	9611926479	9611926479
•	Service kit, HNBR	9611926468	9611926472	9611926472	9611926476	9611926480	9611926480

Parts marked with • are included in the service kits.
Δ = Upgrade kit - please buy pos. 88, 89 and 94.

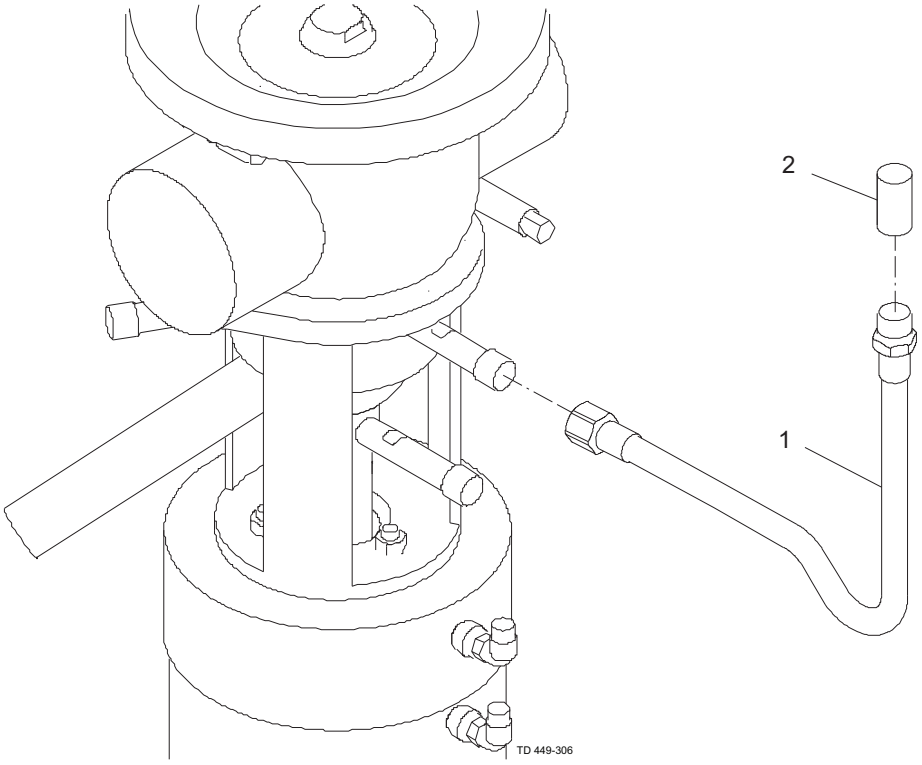
NOTE!
If SpiralClean in leakage chamber extra O-rings (2x pos. 39 and 1x pos. 40) is required.
All FPM service kits are supplied with EPDM seal ring, pos. 74.


92
90
91
76
65
51
65
2306-0011

Pos	Qty	Denomination	DN/OD 51 seat ø53.3	DN 50 seat ø53.3	DN/OD 63.5 seat ø81.3	DN 65 seat ø81.3	DN/OD 76.1 seat ø81.3	DN 80 seat ø81.3
37	1	Intermediate piece, setup12	9613097501	9613097502	9613097601	9613097602	9613097603	9613097604
	1	Intermediate piece, setup 6	9613097503	9613097504	9613097605	9613097606	9613097607	9613097608
65	2	Clamp with screws	9613017802	9613017802	9613017902	9613017902	9613017902	9613017902
51	1	Valve body, upper, type 20	9613058005	9613058105	9613058007	9613058107	9613058009	9613058109
	1	Valve body, upper, type 30	9613058006	9613058106	9613058008	9613058108	9613058010	9613058110
Tank flange								
76	1	O-ring, EPDM	9611993632	9611993632	9611993636	9611993636	9611993636	9611993636
	1	O-ring, NBR	9611993633	9611993633	9611993637	9611993637	9611993637	9611993637
	1	O-ring, FPM	9611993634	9611993634	9611993638	9611993638	9611993638	9611993638
	1	O-ring, HNBR	9611993635	9611993635	9611993639	9611993639	9611993639	9611993639
90	1	Tank flange	9613099101	9613099101	9613099201	9613099201	9613099201	9613099201
Stub flange								
91	1	O-ring, EPDM	9611994606	9611994606	9611994610	9611994610	9611994610	9611994610
	1	O-ring, NBR	9611994607	9611994607	9611994611	9611994611	9611994611	9611994611
	1	O-ring, FPM	9611994608	9611994608	9611994612	9611994612	9611994612	9611994612
	1	O-ring, HNBR	9611994609	9611994609	9611994613	9611994613	9611994613	9611994613
92	1	Stub flange	9613004701	9613004702	9613004801	9613004802	9613004803	9613004804

Pos	Qty	Denomination	LongStroke DN/OD 63.5 seat ø81.3	LongStroke DN65 seat ø81.3	LongStroke DN/OD 76.1 seat ø81.3	LongStroke DN/OD 80 seat ø81.3
37	1	Intermediate piece, setup 12	9613097617	9613097618	9613097619	9613097620
	1	Intermediate piece, setup 6	9613097621	9613097622	9613097623	9613097624
65	2	Clamp with screws	9613017902	9613017902	9613017902	9613017902
51	1	Valve body, upper, type 20	9613058007	9613058107	9613058009	9613058109
	1	Valve body, upper, type 30	9613058008	9613058108	9613058010	9613058110
Tank flange						
76	1	O-ring,, EPDM	9611993636	9611993636	9611993636	9611993636
	1	O-ring, NBR	9611993637	9611993637	9611993637	9611993637
	1	O-ring, FPM	9611993638	9611993638	9611993638	9611993638
	1	O-ring,, HNBR	9611993639	9611993639	9611993639	9611993639
90	1	Tank flange	9613099201	9613099201	9613099201	9613099201
Stub flange						
91	1	O-ring, EPDM	9611994610	9611994610	9611994610	9611994610
	1	O-ring, NBR	9611994611	9611994611	9611994611	9611994611
	1	O-ring, FPM	9611994612	9611994612	9611994612	9611994612
	1	O-ring, HNBR	9611994613	9611994613	9611994613	9611994613
92	1	Stub flange	9613004801	9613004802	9613004803	9613004804

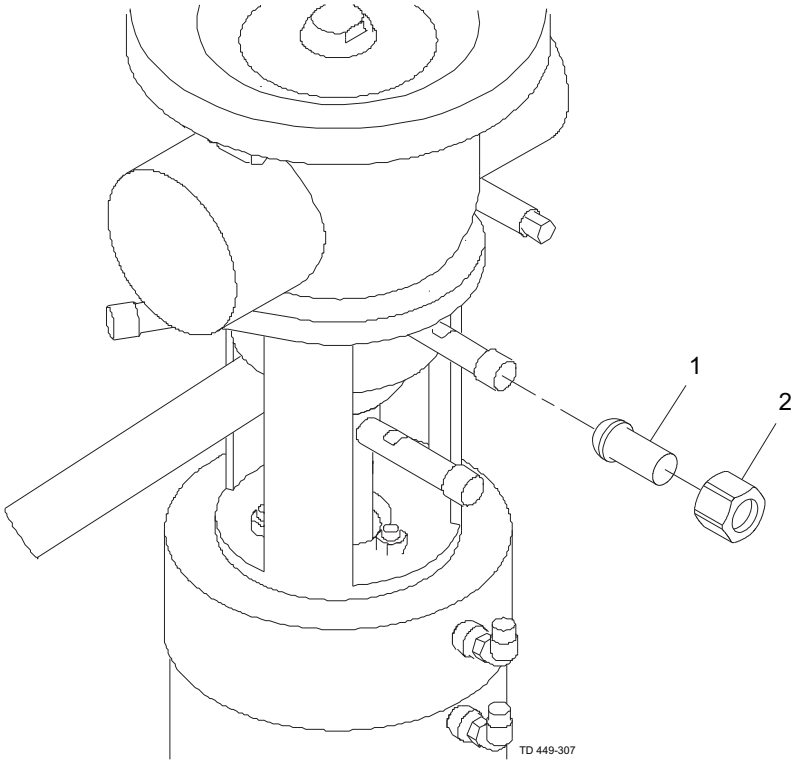
Pos	Qty	Denomination	DN/OD 101.6 seat ø100.3	DN100 seat ø100.3	DN 125 seat ø115.3	DN 150 seat ø115.3
37	1	Intermediate piece, setup 12	9613097701	9613097702	9613097801	9613097802
	1	Intermediate piece, setup 6	9613097703	9613097704	9613097803	N/A
65	2	Clamp with screws	9613018002	9613018002		
	1	Clamp with screws			9613018002	9613018002
	1	Clamp with screws			9613018102	9613018102
51	1	Valve body, upper, type 20	9613058037	9613058149	9613058113	9613058115
	1	Valve body, upper, type 30	9613058038	9613058150	9613058114	9613058116
Tank flange						
76	1	O-ring, EPDM	9611993640	9611993640	9611993640	9611993640
	1	O-ring, NBR	9611993641	9611993641	9611993641	9611993641
	1	O-ring, FPM	9611993642	9611993642	9611993642	9611993642
	1	O-ring, HNBR	9611993643	9611993643	9611993643	9611993643
90	1	Tank flange	9613099301	9613099301	9613099301	9613099301
Stub flange						
91	1	O-ring, EPDM	9611994614	9611994614	9611993640	9611993640
	1	O-ring, NBR	9611994615	9611994615	9611993641	9611993641
	1	O-ring, FPM	9611994616	9611994616	9611993642	9611993642
	1	O-ring, HNBR	9611994617	9611994617	9611993643	9611993643
92	1	Stub flange	9613004901	9613004902	9613005001	9613005001


2
1
TD 449-306

Installation kit B

Pos	Qty	Denomination	
1	1	Hose PTFE with stainless steel weave	3135707451
2	1	Welding socket	9611990917

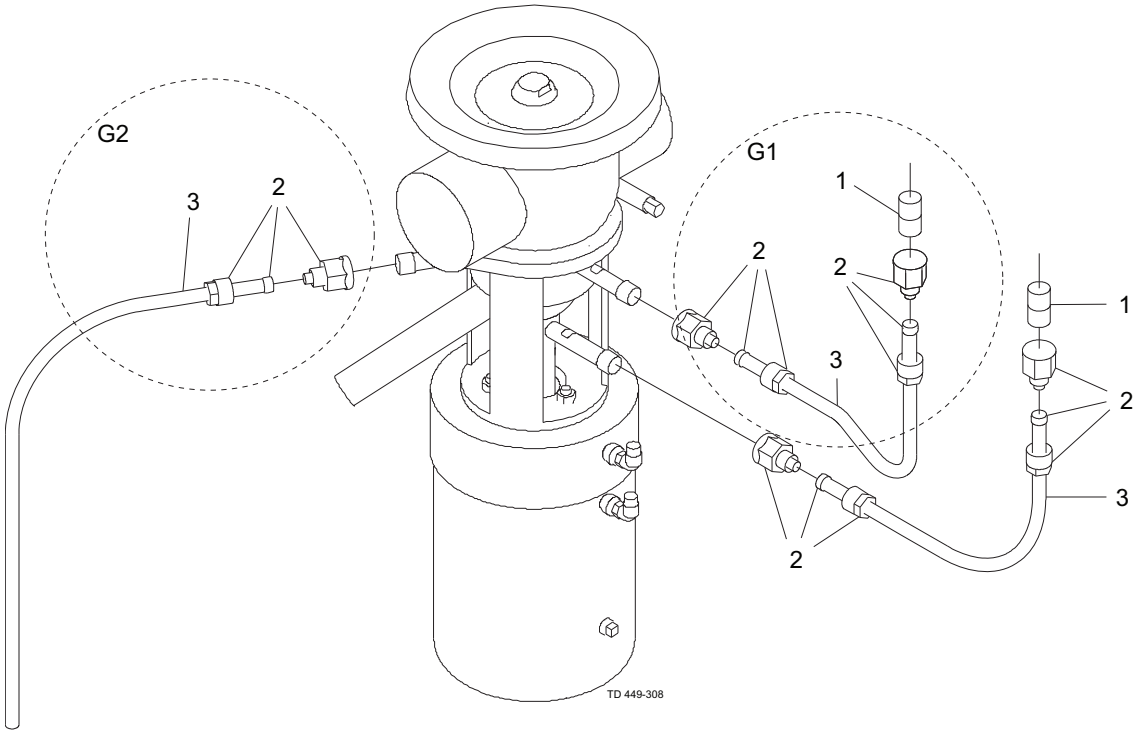
900-324


1
2
TD 449-307

Installation kit C

Pos	Qty	Denomination	
1	1	Welding liner	3135707431
2	1	Nut	3135707441

900-325/1


G2
3
2
G1
1
2
2
3
1
2
3
2
TD 449-308

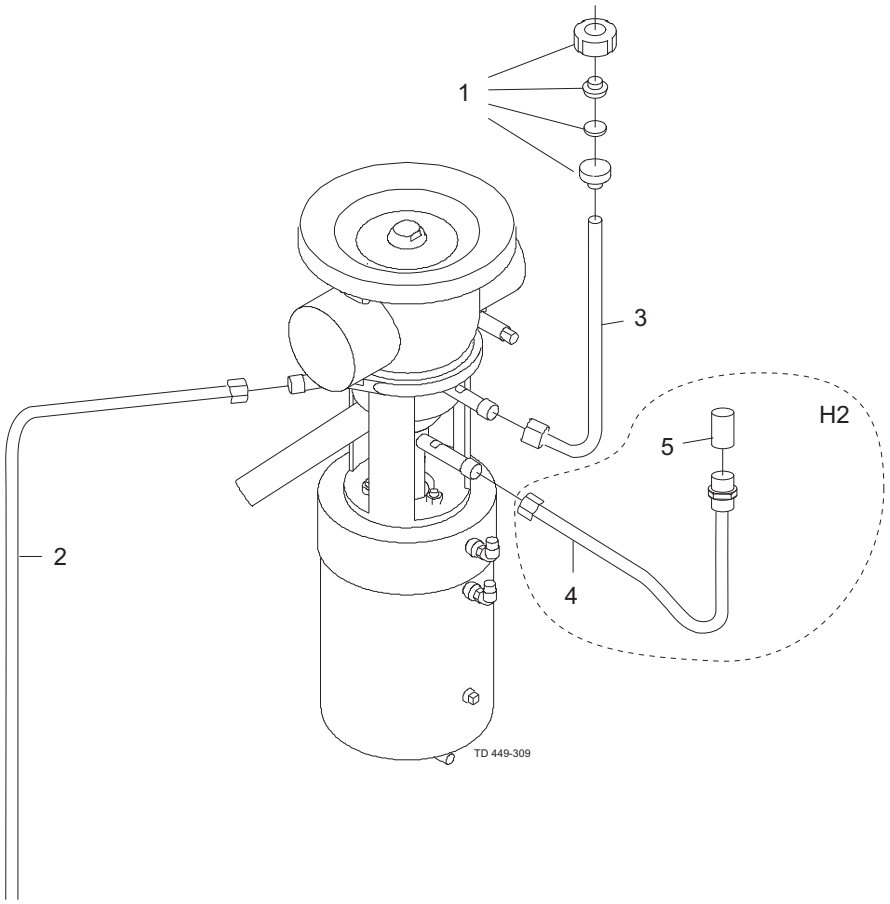
Installation kit G1

Pos	Qty	Denomination	
1	1	Welding male part, AISI 316	3135707471
2	2	3/8" 10 mm Female PVDF	9611992372
3	1	10 mm PVDF hose, 1m	9611992607

Installation kit G2

Pos	Qty	Denomination	
2	1	3/8" 10 mm Female PVDF	9611992372
3	1	10 mm PVDF hose, 1m	9611992607

900-329


1
2
3
4
5
H2
TD 449-309

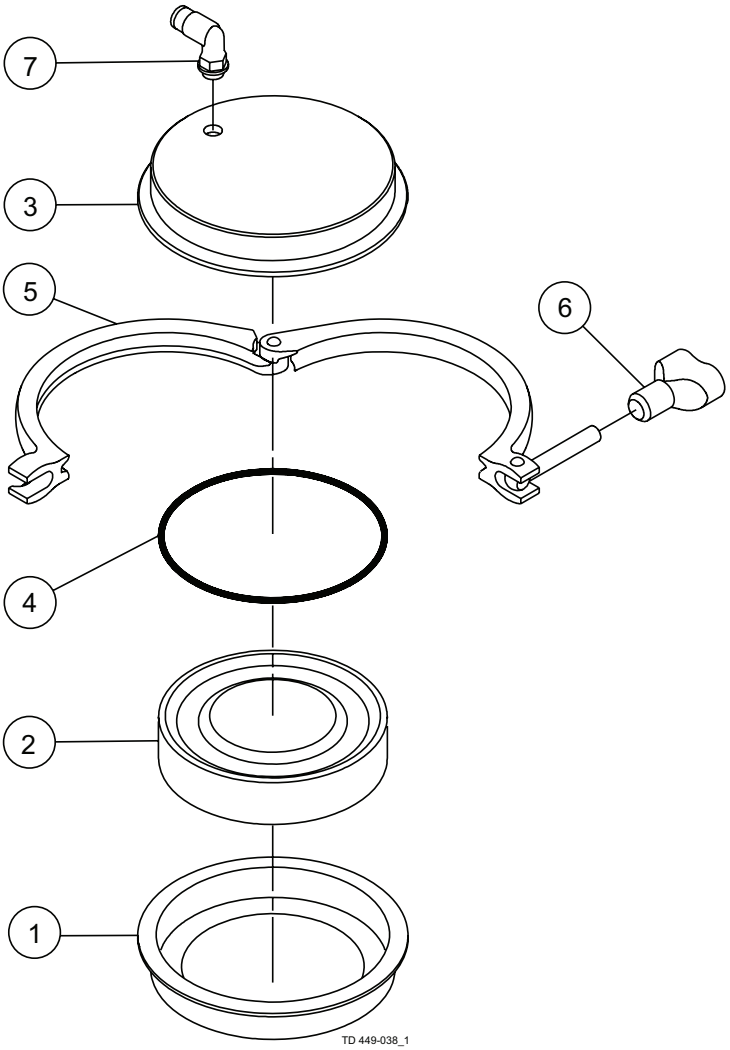
Installation kit H

Pos	Qty	Denomination	
1	1	DIN union DN10	9611305791
	1	Nut, DN10	9611306420
	1	Welding liner DIN, DN10	9611305950
	1	Packing NBR, DN10	52734601
	1	Male part DIN, DN10	9611305900
2	1	12 mm CIP pipe long	3135710014
3	1	12 mm CIP pipe	3135710013

Installation kit H2

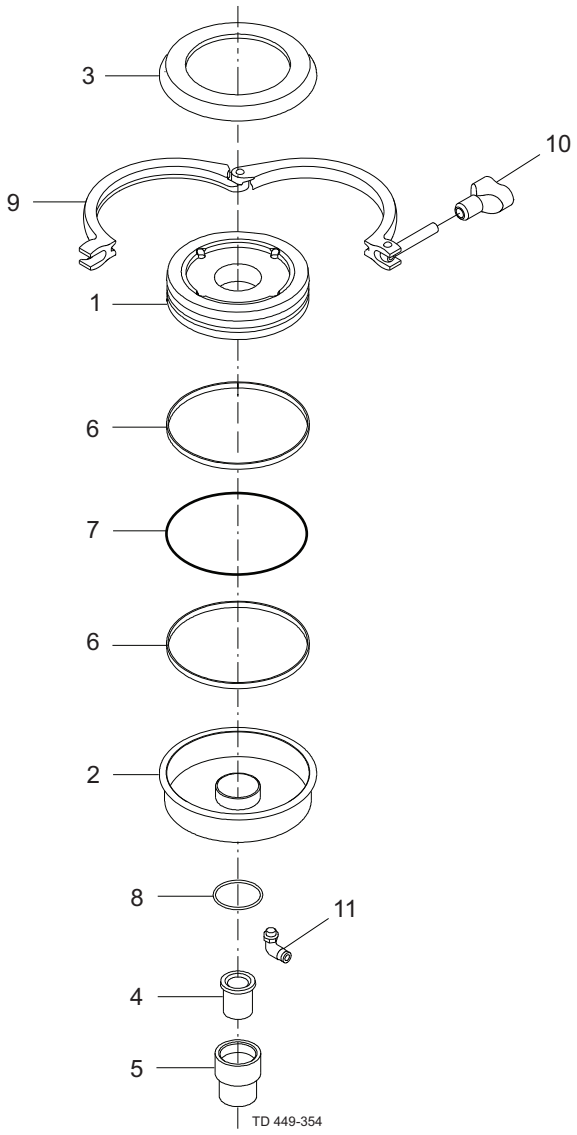
Pos	Qty	Denomination	
4	1	Hose PTFE with stainless steel weave	3135707451
5	1	Welding socket	9611990917

900-326


7
3
5
6
4
2
1
TD 449-038_1

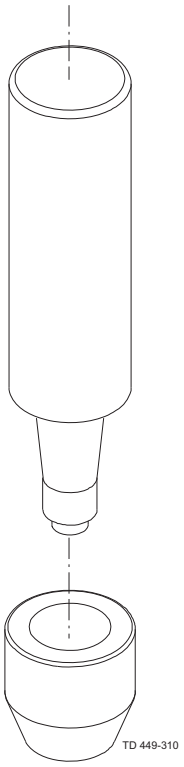
Pos	Qty	Denomination	Seat ø53.3	Seat ø81.3	Seat ø100.3	Seat ø115.3
1	1	Lower Part				
2	1	Piston				
3	1	Upper Part				
4	1	O-ring, NBR	9611993703	9611993703	9611993349	9611993349
5	1	Clamp				
6	1	Wingnut				
7	1	Air fitting				

TD900-663/1


3
10
9
1
6
7
6
2
8
11
4
5
TD 449-354

Pos	Qty	Denomination	Seat ø53.3	Seat ø81.3	Seat ø100.3	Seat ø115.3
1	1	Piston				
2	1	Lower Part				
3	1	Upper Part				
4	1	Bushing				
5	1	Guide				
6	2	Guide ring	9613008422	9613008422	9613008422	9613008422
7	1	O-ring, NBR	9611993349	9611993349	9611993349	9611993349
8	1	O-ring, NBR	9611993705	9611993705	9611993705	9611993705
9	1	Clamp				
10	1	Wingnut				
11	1	Air fitting				

TD900-664/1


TD 449-310

Mounting tool for lip seal

Pos	Qty	Denomination	DN/OD 51 DN 50
	1	Mounting tool for lip seal	9613004001

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