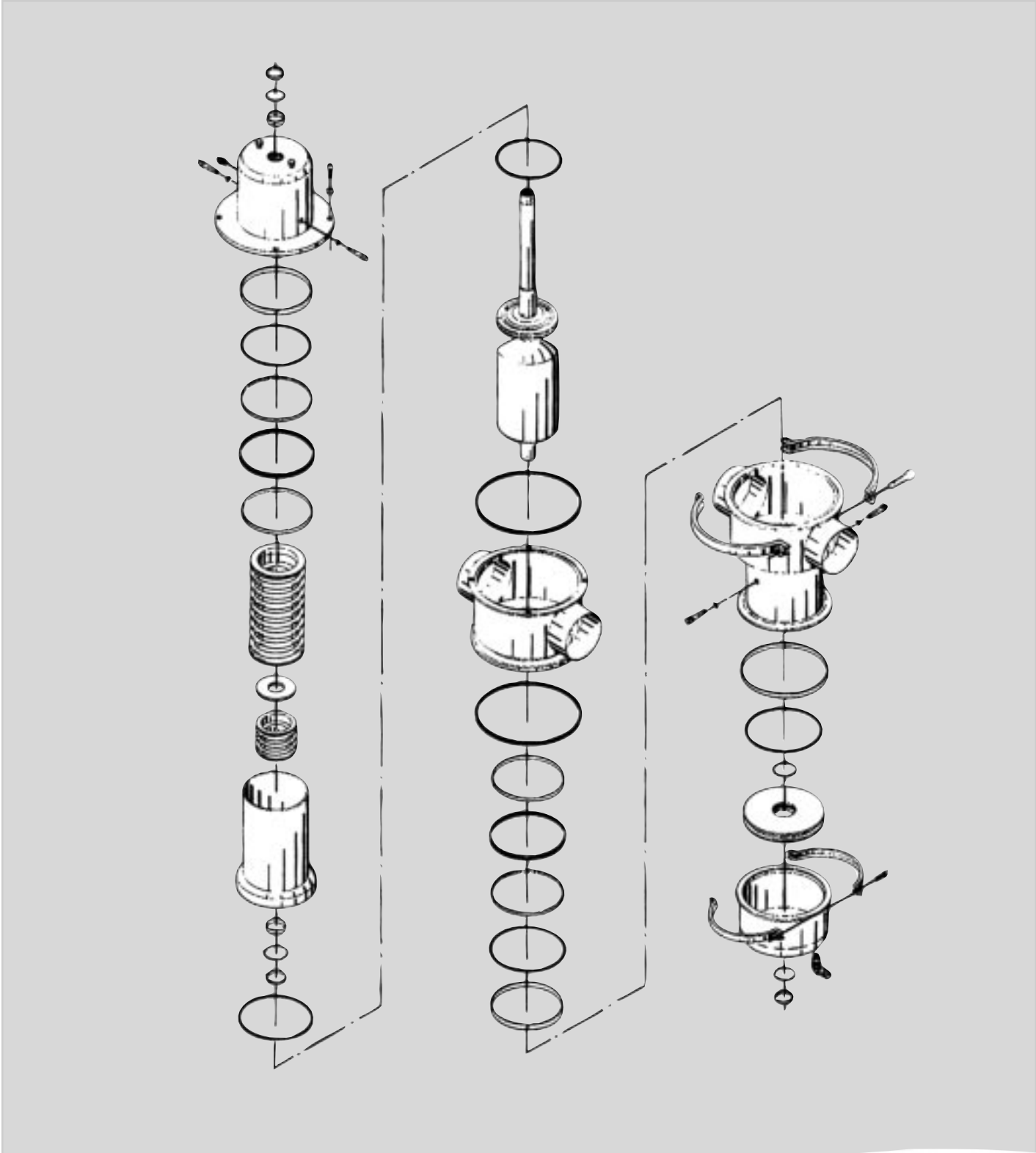


Spare Parts List

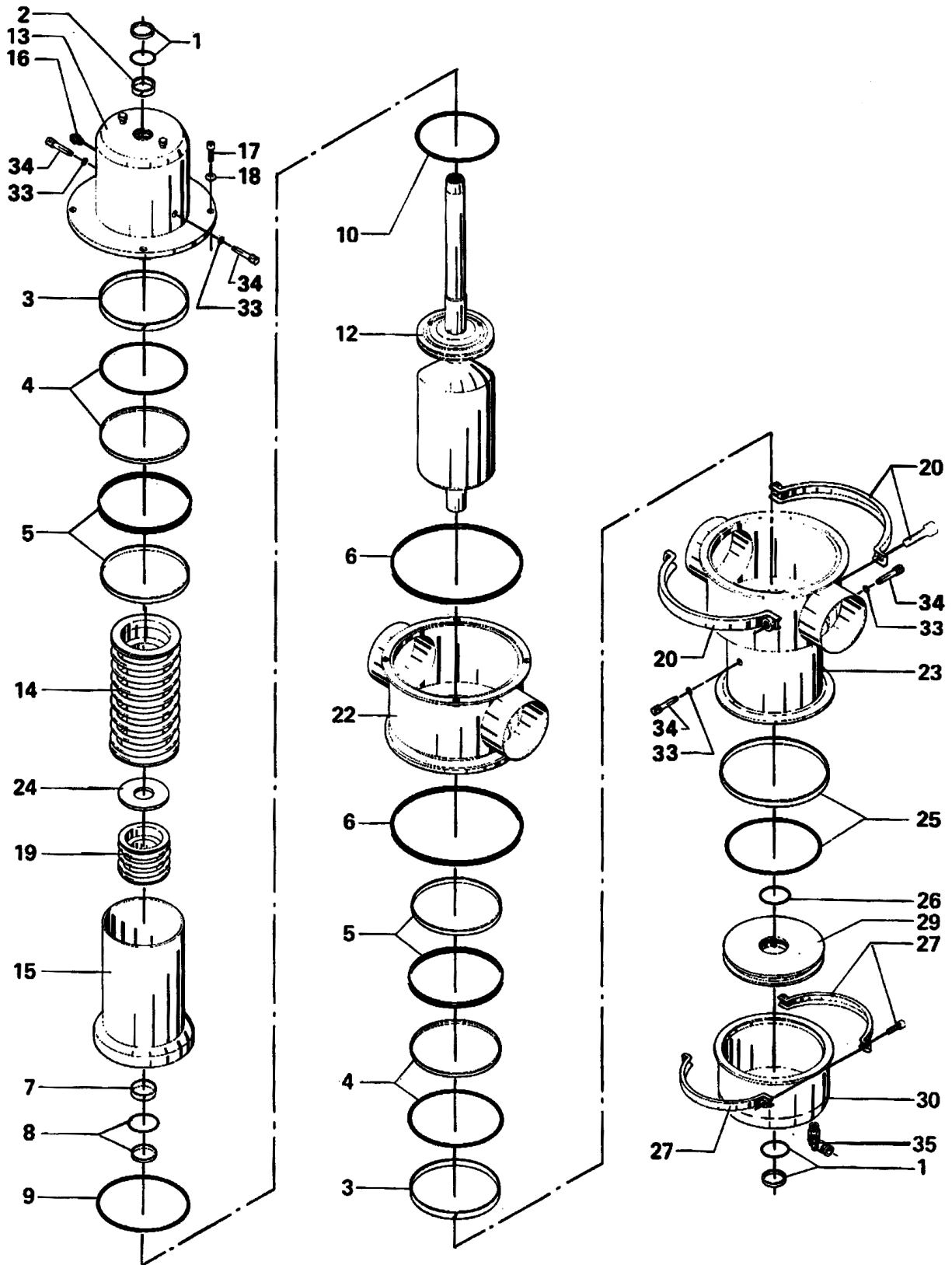
SMP-EC Mixproof Valve



Central States Industrial
2700 Partnership Boulevard
Springfield, MO 65803
800.654.5635
<http://www.csidesigns.com>

Alfa Laval

Alfa Laval



Sanitary Mixproof Valve SMP-EC (2" - 2.5")

Pos.	Qty.	Description	2" Part No.	2.5" Part No.
1♦□	2	Glide ring seal, PTFE/NBR (standard)	31801-2477-2	31801-2477-2
2♦□	1	Guide ring, PTFE/carbon	31357-0069-2	31357-0069-2
3♦□	2	Guide ring, PTFE/carbon	31357-0069-4	31357-0069-4
4♦□	2	Glide ring seal, PTFE/EPDM (standard)	31357-1010-2	31357-1010-2
	2	Glide ring seal, PTFE/NBR	31357-1010-1	31357-1010-1
	2	Glide ring seal, PTFE/FPM	31357-1010-3	31357-1010-3
5△♦●□	2	Glide ring seal, PTFE/EPDM (standard)	31357-1008-2	31357-1008-2
	2	Glide ring seal, PTFE/NBR	31357-1008-1	31357-1008-1
	2	Glide ring seal, PTFE/FPM	31357-1008-3	31357-1008-3
6♦□	2	Seal ring/Packing, EPDM (standard)	31357-0070-1	31357-0070-1
	2	Seal ring/Packing, NBR	31357-0070-2	31357-0070-2
	2	Seal ring/Packing, FPM	31357-0070-3	31357-0070-3
7♦□	1	Guide ring, PTFE/carbon	31357-0069-3	31357-0069-3
8♦□	1	Glide ring seal, PTFE/EPDM (standard)	31357-1016-2	31357-1016-2
	1	Glide ring seal, PTFE/NBR	31801-2477-3	31801-2477-3
	1	Glide ring seal, PTFE/FPM	31801-2477-9	31801-2477-9
9△♦●□	1	O-ring, EPDM (standard)	9611-99-2175	9611-99-2175
	1	O-ring, NBR	9611-99-2176	9611-99-2176
	1	O-ring, FPM	9611-99-2177	9611-99-2177
10●□	1	"Full face" seal, EPDM (standard)	31357-1408-1	31357-1408-1
	1	"Full face" seal, NBR	31357-1408-2	31357-1408-2
	1	"Full face" seal, FPM	31357-1408-3	31357-1408-3
12	1	Valve plug, lower	31357-0410-1	31357-0410-2
13	1	Valve top (incl. pos. 33 + 34)	31357-0422-1	31357-0422-2
14	1	Spring assembly, upper	31357-0455-1	31357-0455-1
15	1	Valve plug, upper	31357-0405-1	31357-0405-1
16	1	Plug	31353-0154-1	31353-0154-1
17	4	Screw	9611-99-0273	9611-99-0273
18	4	Washer	9611-99-1831	9611-99-1831
19	1	Spring assembly, lower	31357-0450-1	31357-0450-1
20	1	Clamps and screws	9611-31105-6	9611-31105-6

Recommended Spare Parts: Service kit

Central States Industrial
2700 Partnership Boulevard
Springfield, MO 65803
800.654.5635
<http://www.csidesigns.com>

Alfa Laval

Alfa Laval

Pos.	Qty.	Description	2" Part No.	2.5" Part No.
22	1	Valve body, upper, 1 port	31357-0438-1	31357-0439-1
	1	Valve body, upper, 2 ports	31357-0438-2	31357-0439-2
23	1	Valve body, lower, 1 port (incl. pos. 33 + 34)	31357-0448-1	31357-0449-1
	1	Valve body, lower, 2 ports (incl. pos. 33 + 34)	31357-0448-2	31357-0449-2
24	1	Washer	31357-0460-1	31357-0460-1
25♦	1	Glide ring seal, PTFE/NBR (standard)	31801-2490-4	31801-2490-4
26♦	1	O-ring, NBR	223406-49	223406-49
27	1	Clamps and screws	9611-31105-5	961131-105-5
29	1	Piston	31357-0429-1	31357-0429-1
30	1	Cylinder	31357-0426-1	31357-0426-1
33	4	O-ring (period 9603-)	9611-99-3119	9611-99-3119
	4	Seal ring (period -9603)	9611-99-2566	9611-99-2566
34	4	Flushing tube (period 9603-)	31357-1017-1	31357-1017-1
35	1	Air fitting	881249420	881249420
●	1	Service kit A, EPDM "Full face"	9611-92-0401	9611-92-0401
●	1	Service kit A, NBR "Full face"	9611-92-0402	9611-92-0402
●	1	Service kit A, FPM "Full face"	9611-92-0403	9611-92-0403

Parts marked with ● are included in service kit A.

□	1	Service kit B, EPDM "Full face"	9611-92-0404	9611-92-0404
□	1	Service kit B, NBR "Full face"	9611-92-0405	9611-92-0405
□	1	Service kit B, FPM "Full face"	9611-92-0406	9611-92-0406

Parts marked with □ are included in service kit B.

Recommended Spare Parts: Service kit

Page 4 of 8	0300
Version 1	

Central States Industrial
 2700 Partnership Boulevard
 Springfield, MO 65803
 800.654.5635
<http://www.csidesigns.com>

Sanitary Mixproof Valve SMP-EC (2" - 2.5")

Alternative

Pos.	Qty.	Description	2" Part No.	2.5" Part No.
10Δ♦	1	O-ring, EPDM	9611-99-2184	9611-99-2184
	1	O-ring, NBR	9611-99-2185	9611-99-2185
	1	O-ring, FPM	9611-99-2186	9611-99-2186
Δ	1	Service kit A, EPDM	9611-92-0054	9611-92-0054
Δ	1	Service kit A, NBR	9611-92-0055	9611-92-0055
Δ	1	Service kit A, FPM	9611-92-0056	9611-92-0056

Parts marked with Δ are included in service kit A.

♦	1	Service kit B, EPDM	9611-92-0063	9611-92-0063
♦	1	Service kit B, NBR	9611-92-0064	9611-92-0064
♦	1	Service kit B, FPM	9611-92-0065	9611-92-0065

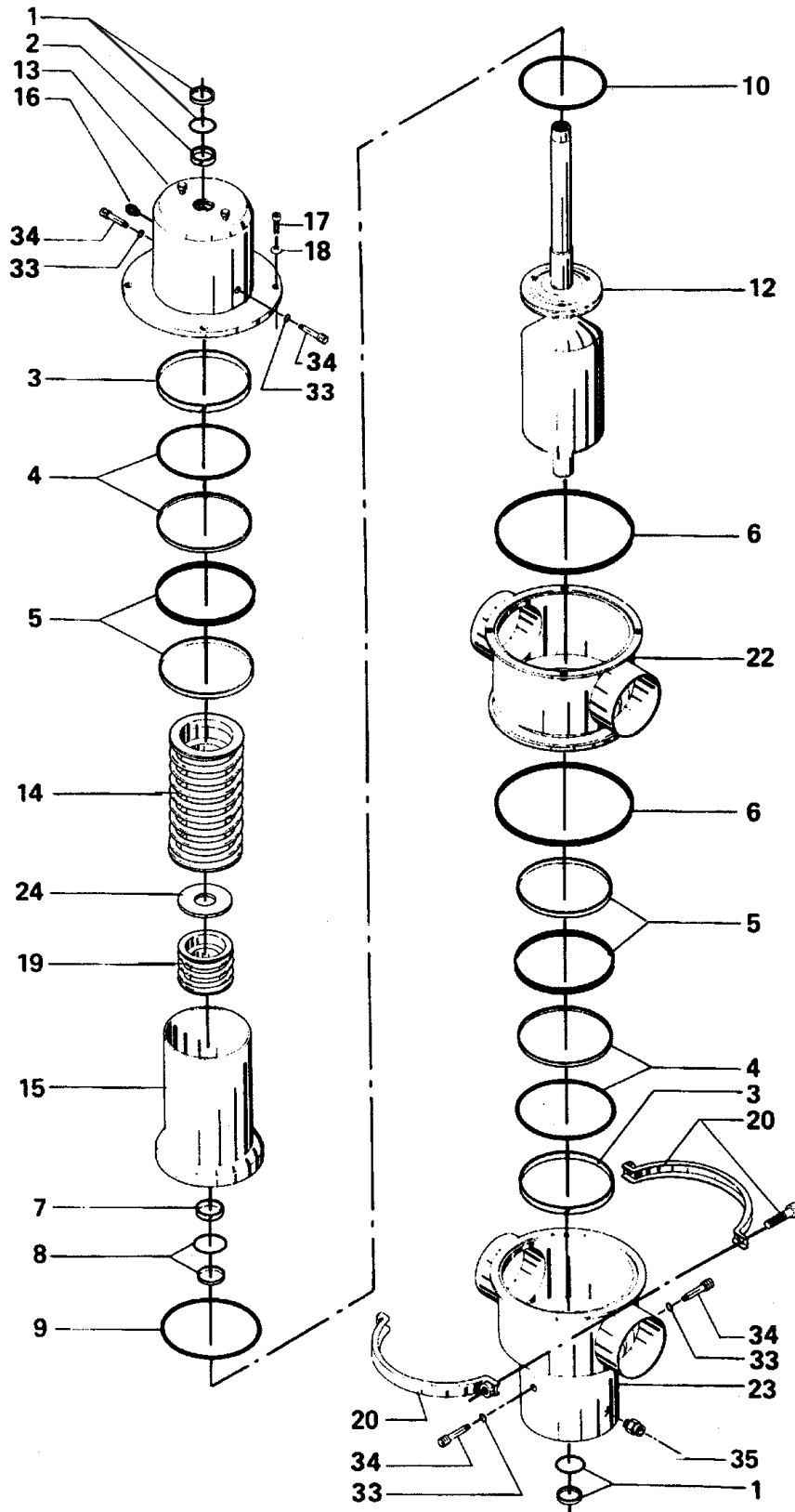
Parts marked with ♦ are included in service kit B.

Recommended Spare Parts: Service kit

Central States Industrial
2700 Partnership Boulevard
Springfield, MO 65803
800.654.5635
<http://www.csidesigns.com>

Alfa Laval

Alfa Laval



Sanitary Mixproof Valve SMP-EC (3" - 4")

Pos.	Qty.	Description	3" Part No.	4" Part No.
1♦□	2	Glide ring seal, PTFE/NBR (standard)	31801-2477-2	31801-2477-2
2♦□	1	Guide ring, PTFE/carbon	31357-0069-2	31357-0069-2
3♦□	2	Guide ring, PTFE/carbon	31357-0069-5	31357-0069-5
4♦□	2	Glide ring seal, PTFE/EPDM (standard)	31357-1009-2	31357-1009-2
	2	Glide ring seal, PTFE/NBR	31357-1009-1	31357-1009-1
	2	Glide ring seal, PTFE/FPM	31357-1009-3	31357-1009-3
5△♦●□	2	Glide ring seal, PTFE/EPDM (standard)	31357-1007-2	31357-1007-2
	2	Glide ring seal, PTFE/NBR	31357-1007-1	31357-1007-1
	2	Glide ring seal, PTFE/FPM	31357-1007-3	31357-1007-3
6♦□	2	Seal ring/Packing, EPDM (standard)	31357-0170-1	31357-0170-1
	2	Seal ring/Packing, NBR	31357-0170-2	31357-0170-2
	2	Seal ring/Packing, FPM	31357-0170-3	31357-0170-3
7♦□	1	Guide ring, PTFE/carbon	31357-0069-3	31357-0069-3
8♦□	1	Glide ring seal, PTFE/EPDM (standard)	31357-1016-2	31357-1016-2
	1	Glide ring seal, PTFE/NBR	31801-2477-3	31801-2477-3
	1	Glide ring seal, PTFE/FPM	31801-2477-9	31801-2477-9
9△♦●□	1	O-ring, EPDM (standard)	9611-99-2178	9611-99-2178
	1	O-ring, NBR	9611-99-2179	9611-99-2179
	1	O-ring, FPM	9611-99-2180	9611-99-2180
10●□	1	"Full face" seal, EPDM (standard)	31357-1508-1	31357-1508-1
	1	"Full face" seal, NBR	31357-1508-2	31357-1508-2
	1	"Full face" seal, FPM	31357-1508-3	31357-1508-3
12	1	Valve plug, lower	31357-0520-1	31357-0520-2
13	1	Valve top (incl. pos. 33 + 34)	31357-0522-1	31357-0522-2
14	1	Spring assembly, upper	31357-0555-1	31357-0555-1
15	1	Valve plug, upper	31357-0505-1	31357-0505-1
16	1	Plug	31353-0154-1	31353-0154-1
17	4	Screw	9611-99-0273	9611-99-0273
18	4	Washer	9611-99-1831	9611-99-1831
19	1	Spring assembly, lower	31357-0550-1	31357-0550-1
20	1	Clamps and screws	9611-31105-8	9611-31-05-8
22	1	Valve body, upper, 1 port	31357-0568-1	31357-0569-1
	1	Valve body, upper, 2 ports	31357-0568-2	31357-0569-2
23	1	Valve body, lower, 1 port (incl. pos. 33 + 34)	31357-0572-1	31357-0573-1
	1	Valve body, lower, 2 ports (incl. pos. 33 + 34)	31357-0572-2	31357-0573-2
24	1	Washer	31357-0561-1	31357-0561-1
33	4	O-ring (period 9603-)	9611-99-3119	9611-99-3119
	4	Seal ring (period -9603)	9611-99-2566	9611-99-2566
34	4	Flushing tube (period 9603-)	31357-1017-1	31357-1017-1
35	1	Air fitting	881249420	881249420
●	1	Service kit A, EPDM "Full face"	9611-92-0407	9611-92-0407
●	1	Service kit A, NBR "Full face"	9611-92-0408	9611-92-0408
●	1	Service kit A, FPM "Full face"	9611-92-0409	9611-92-0409

Parts marked with ● are included in service kit A.

□	1	Service kit B, EPDM "Full face"	9611-92-0413	9611-92-0413
□	1	Service kit B, NBR "Full face"	9611-92-0414	9611-92-0405
□	1	Service kit B, FPM "Full face"	9611-92-0415	9611-92-0415

Parts marked with □ are included in service kit B.

Recommended Spare Parts: Service kit

Central States Industrial
2700 Partnership Boulevard
Springfield, MO 65803
800.654.5635
<http://www.csidesigns.com>

Alfa Laval

Alternative

Pos.	Qty.	Description	3" Part No.	4" Part No.
10Δ♦	1	O-ring, EPDM	9611-99-2187	9611-99-2187
	1	O-ring, NBR	9611-99-2188	9611-99-2188
	1	O-ring, FPM	9611-99-2189	9611-99-2189
Δ	1	Service kit A, EPDM	9611-92-0057	9611-92-0057
Δ	1	Service kit A, NBR	9611-92-0058	9611-92-0058
Δ	1	Service kit A, FPM	9611-92-0059	9611-92-0059

Parts marked with Δ are included in service kit A.

♦	1	Service kit B, EPDM	9611-92-0066	9611-92-0066
♦	1	Service kit B, NBR	9611-92-0067	9611-92-0067
♦	1	Service kit B, FPM	9611-92-0068	9611-92-0068

Parts marked with ♦ are included in service kit B.

Recommended Spare Parts: Service kit

Alfa Laval
8201 104th Street
Pleasant Prairie, WI 53158-0909
Telephone: 800-558-2060
Fax: 262-947-4724
www.us.flow.alfalaval.com

Central States Industrial
2700 Partnership Boulevard
Springfield, MO 65803
800.654.5635
<http://www.csidesigns.com>