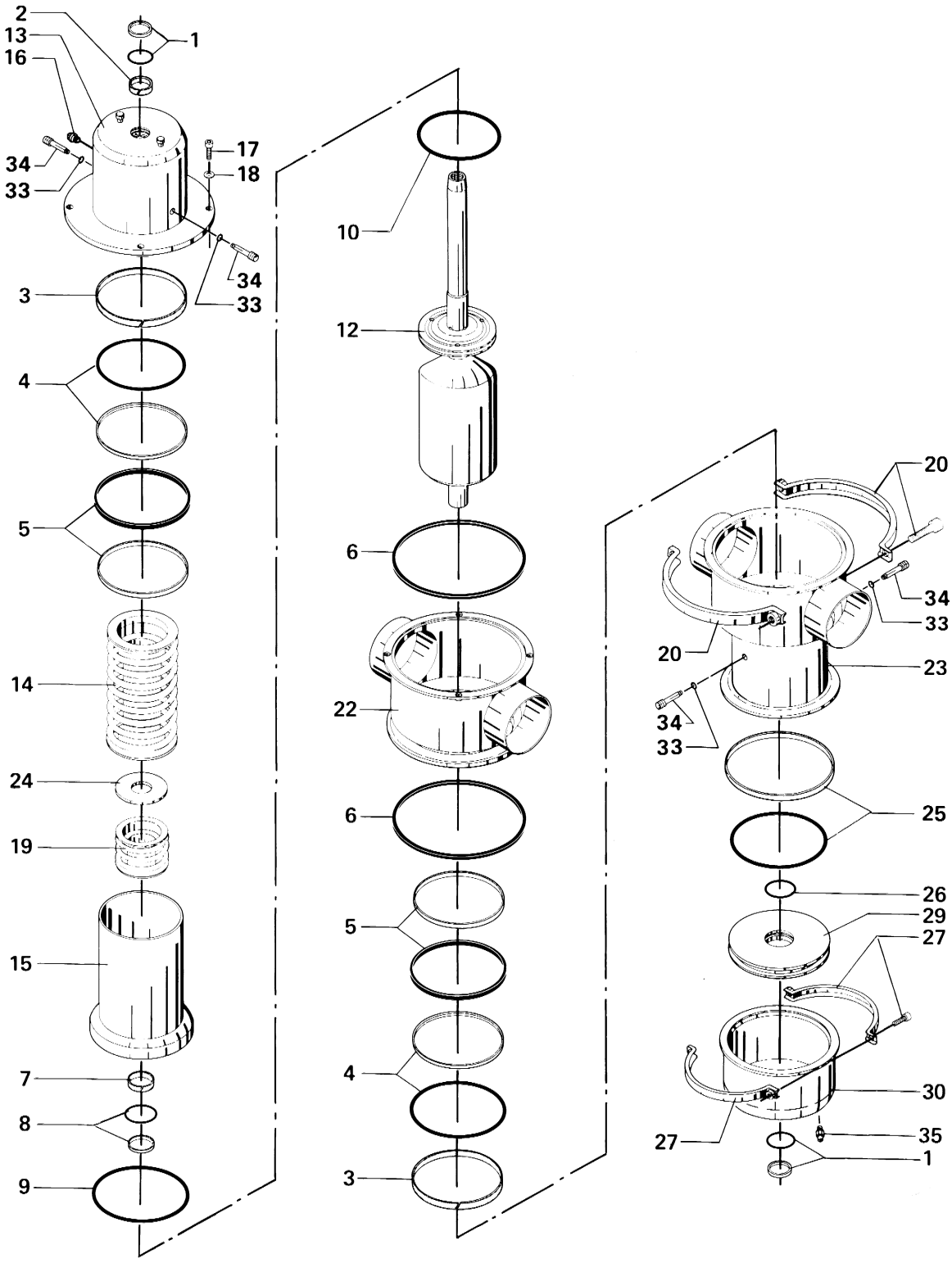
SP70702-GB
2000-01

Spare Parts

SMP-EC Sanitary Mixproof Valve

Sanitary Mixproof Valve
Type SMP-EC

Not manufactured anymore



Sanitary Mixproof Valve
Type SMP-EC

51 & 63.5 mm - NW 50 & NW 65

Pos.	Qty.	Denomination	51 mm	63.5 mm	NW50	NW65
1♦❑	2	Glide ring seal, PTFE/NBR (standard)	31801-2477-2	31801-2477-2	31801-2477-2	31801-2477-2
2♦❑	1	Guide ring, PTFE/Carbon	31357-0069-2	31357-0069-2	31357-0069-2	31357-0069-2
3♦❑	2	Guide ring, PTFE/Carbon	31357-0069-4	31357-0069-4	31357-0069-4	31357-0069-4
4♦❑	2	Glide ring seal,PTFE/EPDM (standard)	31357-1010-2	31357-1010-2	31357-1010-2	31357-1010-2
	2	Glide ring seal, PTFE/NBR	31357-1010-1	31357-1010-1	31357-1010-1	31357-1010-1
	2	Glide ring seal, PTFE/FPM	31357-1010-3	31357-1010-3	31357-1010-3	31357-1010-3
5Δ♦●❑	2	Glide ring seal, PTFE/EPDM (standard)	31357-1008-2	31357-1008-2	31357-1008-2	31357-1008-2
	2	Glide ring seal, PTFE/NBR	31357-1008-1	31357-1008-1	31357-1008-1	31357-1008-1
	2	Glide ring seal, PTFE/FPM	31357-1008-3	31357-1008-3	31357-1008-3	31357-1008-3
6♦❑	2	Seal ring, EPDM (standard)	31357-0070-1	31357-0070-1	31357-0070-1	31357-0070-1
	2	Seal ring, NBR	31357-0070-2	31357-0070-2	31357-0070-2	31357-0070-2
	2	Seal ring, FPM	31357-0070-3	31357-0070-3	31357-0070-3	31357-0070-3
7♦❑	1	Guide ring, PTFE/Carbon	31357-0069-3	31357-0069-3	31357-0069-3	31357-0069-3
8♦❑	1	Glide ring seal, PTFE/EPDM (standard)	31357-1016-2	31357-1016-2	31357-1016-2	31357-1016-2
	1	Glide ring seal, PTFE/NBR	31801-2477-3	31801-2477-3	31801-2477-3	31801-2477-3
	1	Glide ring seal, PTFE/FPM	31801-2477-9	31801-2477-9	31801-2477-9	31801-2477-9
9Δ♦●❑	1	O-ring, EPDM (standard)	9611-99-2175	9611-99-2175	9611-99-2175	9611-99-2175
	1	O-ring, NBR	9611-99-2176	9611-99-2176	9611-99-2176	9611-99-2176
	1	O-ring, FPM	9611-99-2177	9611-99-2177	9611-99-2177	9611-99-2177
10●❑	1	"Full face" seal, EPDM (standard)	31357-1408-1	31357-1408-1	31357-1408-1	31357-1408-1
	1	"Full face" seal, NBR	31357-1408-2	31357-1408-2	31357-1408-2	31357-1408-2
	1	"Full face" seal, FPM	31357-1408-3	31357-1408-3	31357-1408-3	31357-1408-3
12	1	Valve plug, lower	31357-0410-1	31357-0410-2	31357-0410-1	31357-0410-2
13	1	Valve top (incl. pos. 33 + 34)	31357-0422-1	31357-0422-2	31357-0422-1	31357-0422-2
14	1	Spring assembly, upper	31357-0455-1	31357-0455-1	31357-0455-1	31357-0455-1
15	1	Valve plug, upper	31357-0405-1	31357-0405-1	31357-0405-1	31357-0405-1
16	1	Plug	31353-0154-1	31353-0154-1	31353-0154-1	31353-0154-1
17	4	Screw	9611-99-0273	9611-99-0273	9611-99-0273	9611-99-0273
18	4	Washer	9611-99-1831	9611-99-1831	9611-99-1831	9611-99-1831
19	1	Spring assembly, lower	31357-0450-1	31357-0450-1	31357-0450-1	31357-0450-1
20	1	Clamps and screws	9611-31-105-6	9611-31-105-6	9611-31-105-6	9611-31-105-6
22	1	Valve body, upper, 1 port	31357-0438-1	31357-0439-1	31357-0430-1	31357-0431-1
	1	Valve body, upper, 2 ports	31357-0438-2	31357-0439-2	31357-0430-2	31357-0431-2
23	1	Valve body, lower, 1 port (incl. pos. 33 + 34)	31357-0448-1	31357-0449-1	31357-0440-1	31357-0441-1
	1	Valve body, lower, 2 ports (incl. pos. 33 + 34)	31357-0448-2	31357-0449-2	31357-0440-2	31357-0441-2
24	1	Washer	31357-0460-1	31357-0460-1	31357-0460-1	31357-0460-1
25♦	1	Glide ring seal, PTFE/NBR (standard)	31801-2490-4	31801-2490-4	31801-2490-4	31801-2490-4
26♦	1	O-ring, NBR	223406-49	223406-49	223406-49	223406-49
27	1	Clamps and screws	9611-31-105-5	9611-31-105-5	9611-31-105-5	9611-31-105-5
29	1	Piston	31357-0429-1	31357-0429-1	31357-0429-1	31357-0429-1
30	1	Cylinder	31357-0426-1	31357-0426-1	31357-0426-1	31357-0426-1
33	4	O-ring (Period 9603-)	9611-99-3119	9611-99-3119	9611-99-3119	9611-99-3119
	4	Seal ring (Period -9603)	9611-99-2566	9611-99-2566	9611-99-2566	9611-99-2566
34	4	Flushing tube (Period 9603-)	31357-1017-1	31357-1017-1	31357-1017-1	31357-1017-1
	4	Flushing pipe (Period -9603)	31357-1013-1	31357-1013-1	31357-1013-1	31357-1013-1
35	1	Air fitting	9611-99-1987	9611-99-1987	9611-99-1987	9611-99-1987
●		**Service kit A EPDM "Full face"**	**9611-92-0401**	**9611-92-0401**	**9611-92-0401**	**9611-92-0401**
		Service kit A NBR "Full face"	**9611-92-0402**	**9611-92-0402**	**9611-92-0402**	**9611-92-0402**
		Service kit A FPM "Full face"	**9611-92-0403**	**9611-92-0403**	**9611-92-0403**	**9611-92-0403**
❑		**Service kit B EPDM "Full face"**	**9611-92-0404**	**9611-92-0404**	**9611-92-0404**	**9611-92-0404**
		Service kit B NBR "Full face"	**9611-92-0405**	**9611-92-0405**	**9611-92-0405**	**9611-92-0405**
		Service kit B FPM "Full face"	**9611-92-0406**	**9611-92-0406**	**9611-92-0406**	**9611-92-0406**

Parts marked with ● are included in **Service kit A.**
Parts marked with ❑ are included in **Service kit B.**

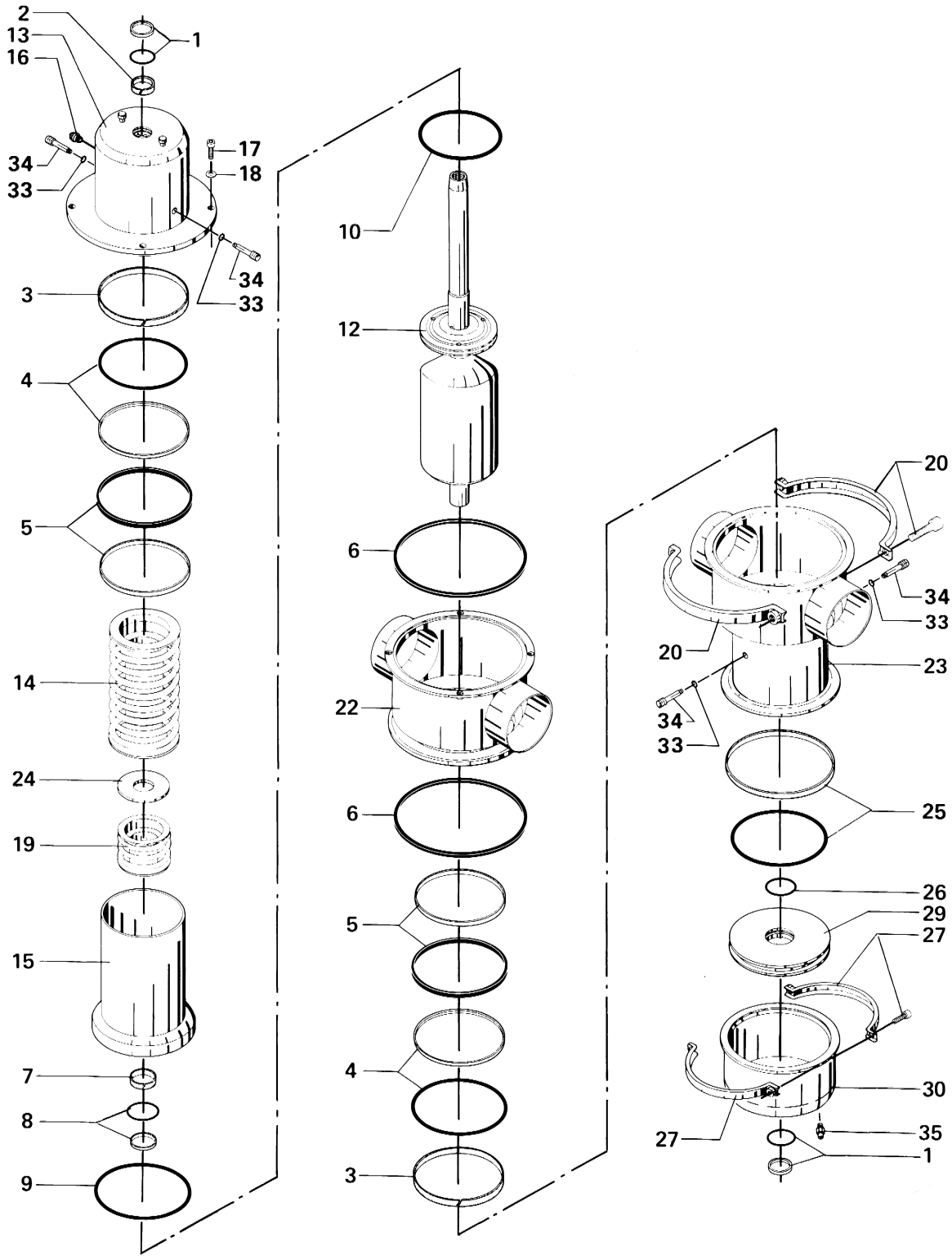
Recommended spare parts: **Service kits.**

Not manufactured anymore

Sanitary Mixproof Valve
Type SMP-EC

Not manufactured anymore

(Same drawing as on page 2)



Sanitary Mixproof Valve
Type SMP-EC

51 & 63.5 mm - NW 50 & NW 65

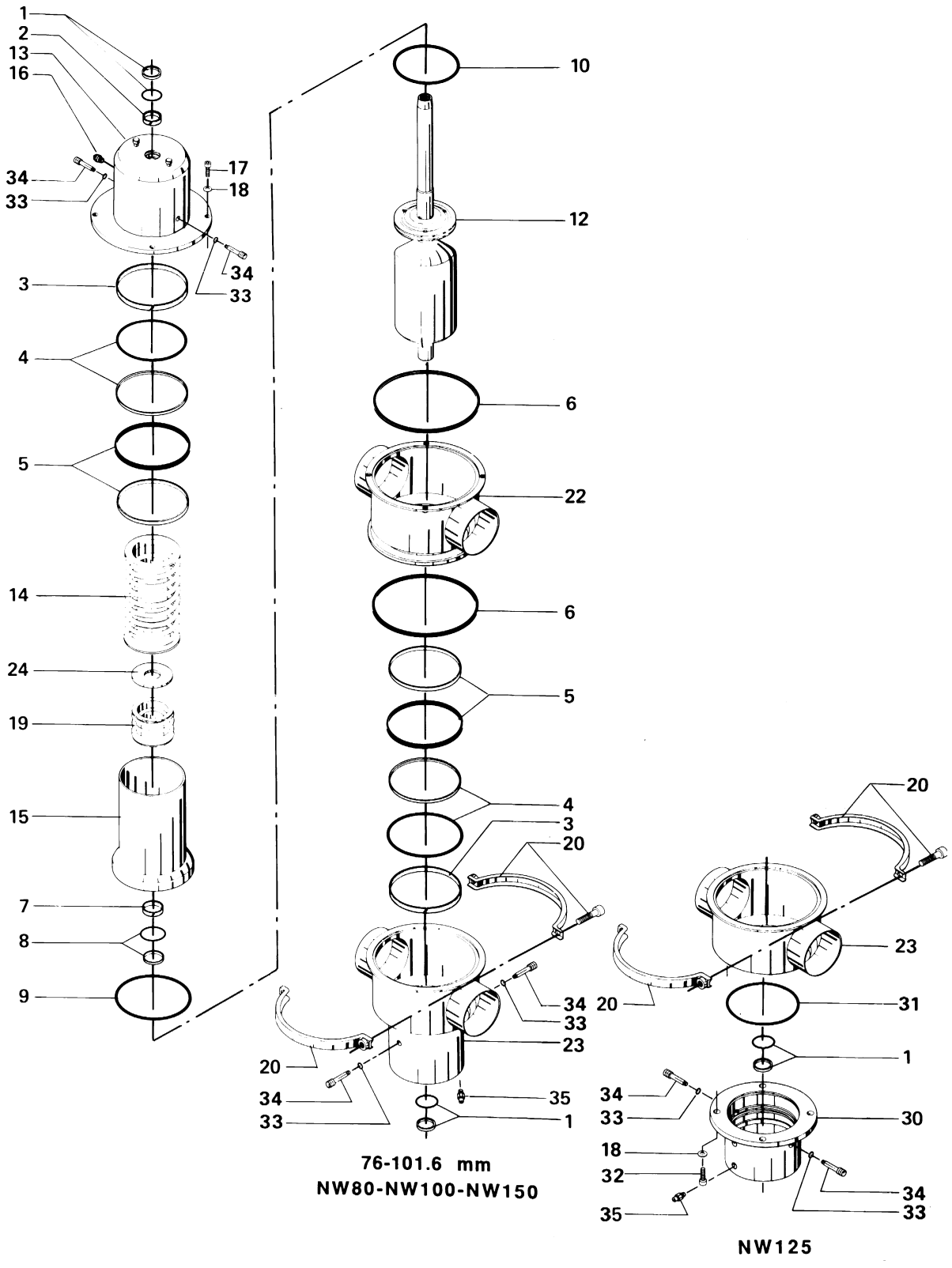
Pos.	Qty.	Denomination	51 mm	63.5 mm	NW 50	NW 65
Alternative						
10Δ♦	1	O-ring, EPDM	9611-99-2184	9611-99-2184	9611-99-2184	9611-99-2184
	1	O-ring, NBR	9611-99-2185	9611-99-2185	9611-99-2185	9611-99-2185
	1	O-ring, FPM	9611-99-2186	9611-99-2186	9611-99-2186	9611-99-2186
Δ		**Service kit A EPDM .....**	**9611-92-0054**	**9611-92-0054**	**9611-92-0054**	**9611-92-0054**
		Service kit A NBR	**9611-92-0055**	**9611-92-0055**	**9611-92-0055**	**9611-92-0055**
		Service kit A FPM	**9611-92-0056**	**9611-92-0056**	**9611-92-0056**	**9611-92-0056**
♦		**Service kit B EPDM .....**	**9611-92-0063**	**9611-92-0063**	**9611-92-0063**	**9611-92-0063**
		Service kit B NBR	**9611-92-0064**	**9611-92-0064**	**9611-92-0064**	**9611-92-0064**
		Service kit B FPM	**9611-92-0065**	**9611-92-0065**	**9611-92-0065**	**9611-92-0065**

Parts marked with Δ are included in **Service kit A.**
Parts marked with ♦ are included in **Service kit B.**

Not manufactured anymore

Sanitary Mixproof Valve
Type SMP-EC

Not manufactured anymore



Sanitary Mixproof Valve
Type SMP-EC

76 & 101.6 mm - NW 80, 100, 125 & 150

Pos.	Qty.	Denomination	76 mm	101.6 mm	NW 80	NW 100	NW125	NW 150
1♦❑	2	Glide ring seal, PTFE/NBR (standard) ..	31801-2477-2	31801-2477-2	31801-2477-2	31801-2477-2	31801-2477-2	31801-2477-2
2♦❑	1	Guide ring, PTFE/Carbon	31357-0069-2	31357-0069-2	31357-0069-2	31357-0069-2	31357-0069-2	31357-0069-2
3♦❑	2	Guide ring, PTFE/Carbon	31357-0069-5	31357-0069-5	31357-0069-5	31357-0069-5	31357-0069-5	31357-0069-6
4♦ ❑	2	Glide ring seal, PTFE/EPDM (standard) .	31357-1009-2	31357-1009-2	31357-1009-2	31357-1009-2	31357-1009-2	31357-1011-2
	2	Glide ring seal, PTFE/NBR	31357-1009-1	31357-1009-1	31357-1009-1	31357-1009-1	31357-1009-1	31357-1011-1
	2	Glide ring seal, PTFE/FPM	31357-1009-3	31357-1009-3	31357-1009-3	31357-1009-3	31357-1009-3	31357-1011-3
5Δ♦●❑	2	Glide ring seal, PTFE/EPDM (standard)	31357-1007-2	31357-1007-2	31357-1007-2	31357-1007-2	31357-1007-2	31357-1012-2
	2	Glide ring seal, PTFE/NBR	31357-1007-1	31357-1007-1	31357-1007-1	31357-1007-1	31357-1007-1	31357-1012-1
	2	Glide ring seal, PTFE/FPM	31357-1007-3	31357-1007-3	31357-1007-3	31357-1007-3	31357-1007-3	31357-1012-3
6♦❑	2	Seal ring, EPDM (standard)	31357-0170-1	31357-0170-1	31357-0170-1	31357-0170-1	31357-0170-1	31357-0270-1
	2	Seal ring, NBR	31357-0170-2	31357-0170-2	31357-0170-2	31357-0170-2	31357-0170-2	31357-0270-2
	2	Seal ring, FPM	31357-0170-3	31357-0170-3	31357-0170-3	31357-0170-3	31357-0170-3	31357-0270-3
7♦	1	Guide ring, PTFE/Carbon	31357-0069-3	31357-0069-3	31357-0069-3	31357-0069-3	31357-0069-3	31357-0069-3
8♦	1	Glide ring seal, PTFE/EPDM (standard)	31357-1016-2	31357-1016-2	31357-1016-2	31357-1016-2	31357-1016-2	31357-1016-2
	1	Glide ring seal, PTFE/NBR	31801-2477-3	31801-2477-3	31801-2477-3	31801-2477-3	31801-2477-3	31801-2477-3
	1	Glide ring seal, PTFE/FPM	31801-2477-9	31801-2477-9	31801-2477-9	31801-2477-9	31801-2477-9	31801-2477-9
9Δ♦●❑	1	O-ring, EPDM (standard)	9611-99-2178	9611-99-2178	9611-99-2178	9611-99-2178	9611-99-2178	9611-99-2181
	1	O-ring, NBR	9611-99-2179	9611-99-2179	9611-99-2179	9611-99-2179	9611-99-2179	9611-99-2182
	1	O-ring, FPM	9611-99-2180	9611-99-2180	9611-99-2180	9611-99-2180	9611-99-2180	9611-99-2183
10●❑	1	"Full face" seal, EPDM (standard)	31357-1508-1	31357-1508-1	31357-1508-1	31357-1508-1	31357-1508-1	31357-1608-1
	1	"Full face" seal, NBR	31357-1508-2	31357-1508-2	31357-1508-2	31357-1508-2	31357-1508-2	31357-1608-2
	1	"Full face" seal, FPM	31357-1508-3	31357-1508-3	31357-1508-3	31357-1508-3	31357-1508-3	31357-1608-3
12	1	Valve plug, lower	31357-0520-1	31357-0520-2	31357-0520-1	31357-0520-2	31357-0520-3	31357-0610-2
13	1	Valve top (incl. pos. 33 + 34)	31357-0522-1	31357-0522-2	31357-0522-1	31357-0522-2	31357-0522-6	31357-0622-2
14	1	Spring assembly, upper	31357-0555-1	31357-0555-1	31357-0555-1	31357-0555-1	31357-0555-1	31357-0655-1
15	1	Valve plug, upper	31357-0505-1	31357-0505-1	31357-0505-1	31357-0505-1	31357-0505-2	31357-0605-1
16	1	Plug	31353-0154-1	31353-0154-1	31353-0154-1	31353-0154-1	31353-0154-1	31353-0154-1
17	4	Screw	9611-99-0273	9611-99-0273	9611-99-0273	9611-99-0273	9611-99-0273	
	8	Screw, NW 150						9611-99-0273
18	4	Washer	9611-99-1831	9611-99-1831	9611-99-1831	9611-99-1831	9611-99-1831	
	8	Washer, NW 150						9611-99-1831
19	1	Spring assembly, lower	31357-0550-1	31357-0550-1	31357-0550-1	31357-0550-1	31357-0650-1	31357-0650-1
20	1	Clamps and screws	9611-31-105-8	9611-31-105-8	9611-31-105-8	9611-31-105-8	9611-31-105-8	9611-31-105-9
22	1	Valve body, upper, 1 port	31357-0568-1	31357-0569-1	31357-0566-1	31357-0567-1	31357-1208-2	31357-0631-1
	1	Valve body, upper, 2 ports	31357-0568-2	31357-0569-2	31357-0566-2	31357-0567-2	31357-1208-1	31357-0631-2
23	1	Valve body, lower, 1 port ..... (incl. pos. 33 + 34)	31357-0572-1	31357-0573-1	31357-0570-1	31357-0571-1	31357-1207-2	31357-0641-1
	1	Valve body, lower, 2 ports ..... (incl. pos. 33 + 34)	31357-0572-2	31357-0573-2	31357-0570-2	31357-0571-2	31357-1207-1	31357-0641-2
24	1	Washer	31357-0561-1	31357-0561-1	31357-0561-1	31357-0561-1	31357-1209-1	31357-0661-1
30	1	Cylinder (incl. pos. 33 + 34)					31357-1212-2	
31	1	Seal ring, EPDM					31357-0070-1	
32	4	Screw					9611-99-2633	
33	4	O-ring, EPDM (Period 9603-)	9611-99-3119	9611-99-3119	9611-99-3119	9611-99-3119	9611-99-3119	9611-99-3119
	4	Seal ring (Period -9603)	9611-99-2566	9611-99-2566	9611-99-2566	9611-99-2566	9611-99-2566	9611-99-2566
34	4	Flushing tube (Period 9603-)	31357-1017-1	31357-1017-1	31357-1017-1	31357-1017-1	31357-1017-1	31357-1017-1
	4	Flushing pipe (Period -9603)	31357-1013-1	31357-1013-1	31357-1013-1	31357-1013-1	31357-1013-1	31357-1013-1
35	1	Air fitting	9611-99-1987	9611-99-1987	9611-99-1987	9611-99-1987	9611-99-1987	9611-99-1987
●		**Service kit A EPDM "Full face" .....**	**9611-92-0407**	**9611-92-0407**	**9611-92-0407**	**9611-92-0407**	**9611-92-0407**	**9611-92-0410**
		Service kit A NBR "Full face"	**9611-92-0408**	**9611-92-0408**	**9611-92-0408**	**9611-92-0408**	**9611-92-0408**	**9611-92-0411**
		Service kit A FPM "Full face"	**9611-92-0409**	**9611-92-0409**	**9611-92-0409**	**9611-92-0409**	**9611-92-0409**	**9611-92-0412**
❑		**Service kit B EPDM "Full face" .....**	**9611-92-0413**	**9611-92-0413**	**9611-92-0413**	**9611-92-0413**	**9611-92-0413**	**9611-92-0416**
		Service kit B NBR "Full face"	**9611-92-0414**	**9611-92-0405**	**9611-92-0414**	**9611-92-0414**	**9611-92-0414**	**9611-92-0417**
		Service kit B FPM "Full face"	**9611-92-0415**	**9611-92-0415**	**9611-92-0415**	**9611-92-0415**	**9611-92-0415**	**9611-92-0418**

Parts marked with ● are included in **Service kit A.**
Parts marked with ❑ are included in **Service kit B.**

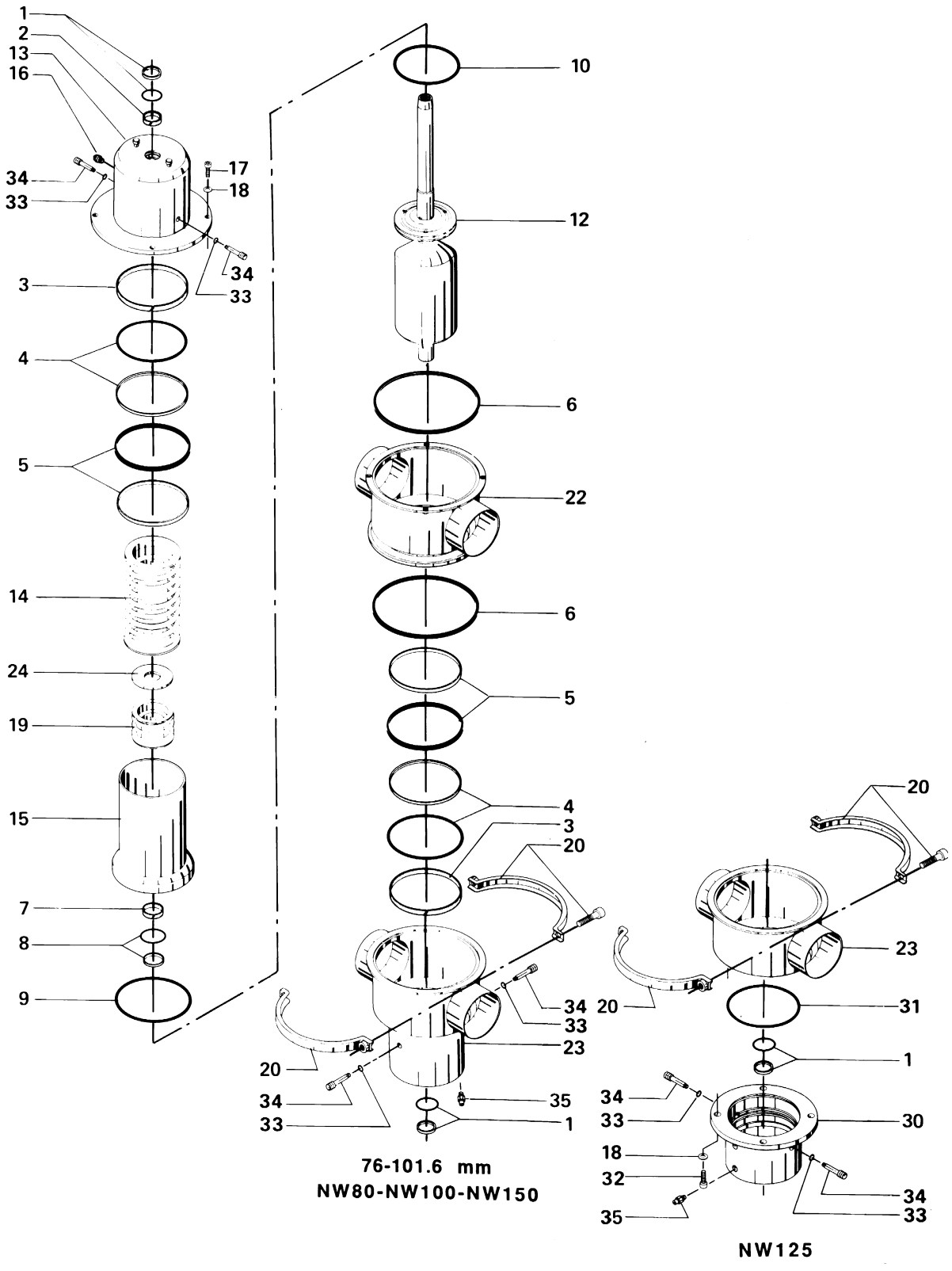
Not manufactured anymore

Recommended spare parts: **Service kits.**

Sanitary Mixproof Valve
Type SMP-EC

Not manufactured anymore

(Same drawing as on page 6)



Sanitary Mixproof Valve Type SMP-EC

76 & 101.6 mm - NW 80, 100, 125 & 150

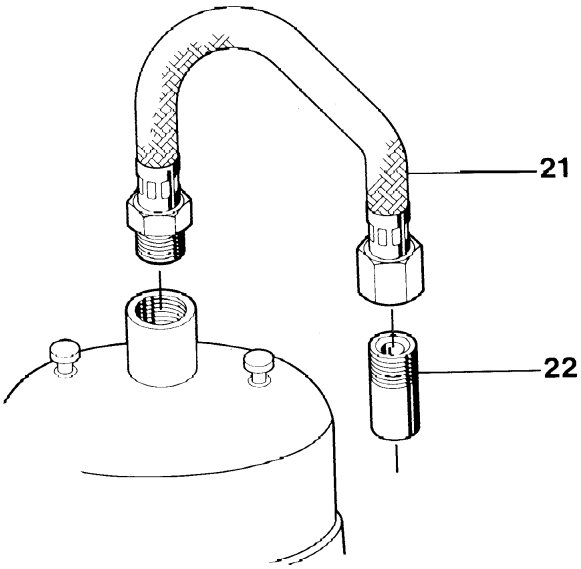
Pos.	Qty.	Denomination	76 mm	101.6 mm	NW 80	NW 100	NW125	NW 150
Alternative								
10Δ♦	1	O-ring, EPDM	9611-99-2187	9611-99-2187	9611-99-2187	9611-99-2187	9611-99-2187	9611-99-2190
	1	O-ring, NBR	9611-99-2188	9611-99-2188	9611-99-2188	9611-99-2188	9611-99-2188	9611-99-2191
	1	O-ring, FPM	9611-99-2189	9611-99-2189	9611-99-2189	9611-99-2189	9611-99-2189	9611-99-2192
Δ		**Service kit A EPDM**	**9611-92-0057**	**9611-92-0057**	**9611-92-0057**	**9611-92-0057**	**9611-92-0057**	**9611-92-0060**
		Service kit A NBR	**9611-92-0058**	**9611-92-0058**	**9611-92-0058**	**9611-92-0058**	**9611-92-0058**	**9611-92-0061**
		Service kit A FPM	**9611-92-0059**	**9611-92-0059**	**9611-92-0059**	**9611-92-0059**	**9611-92-0059**	**9611-92-0062**
♦		**Service kit B EPDM**	**9611-92-0066**	**9611-92-0066**	**9611-92-0066**	**9611-92-0066**	**9611-92-0066**	**9611-92-0069**
		Service kit B NBR	**9611-92-0067**	**9611-92-0067**	**9611-92-0067**	**9611-92-0067**	**9611-92-0067**	**9611-92-0070**
		Service kit B FPM	**9611-92-0068**	**9611-92-0068**	**9611-92-0068**	**9611-92-0068**	**9611-92-0068**	**9611-92-0071**

Parts marked with Δ are included in **Service kit A.**
Parts marked with ♦ are included in **Service kit B.**

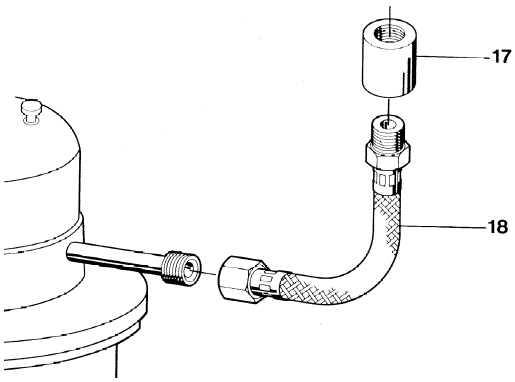
Not manufactured anymore

Installation kit A, B, C and F for SMP-EC valve

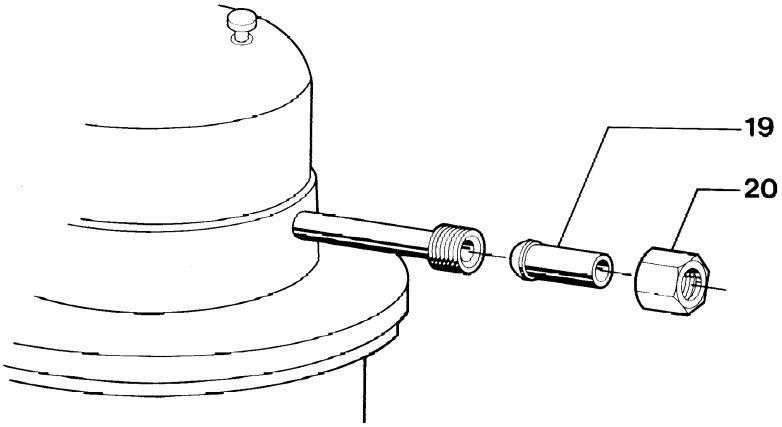
Not manufactured anymore



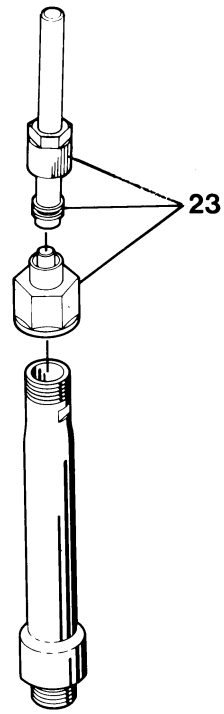
Installation kit A



Installation kit B



Installation kit C



Installation kit F

Installation kit A, B, C and F for SMP-EC valve

Not manufactured anymore

Installation kit A

Pos.	Qty.	Denomination	31357-0746-2
21	1	Hose PTFE w. s.s weave	31357-0745-1
22	1	Welding male part	31357-0747-1

Installation kit B

Pos.	Qty.	Denomination	31357-0746-6
17	1	Welding socket	9611-99-0917
18	1	Hose PTFE w. s.s. weave	31357-0745-1

Installation kit C

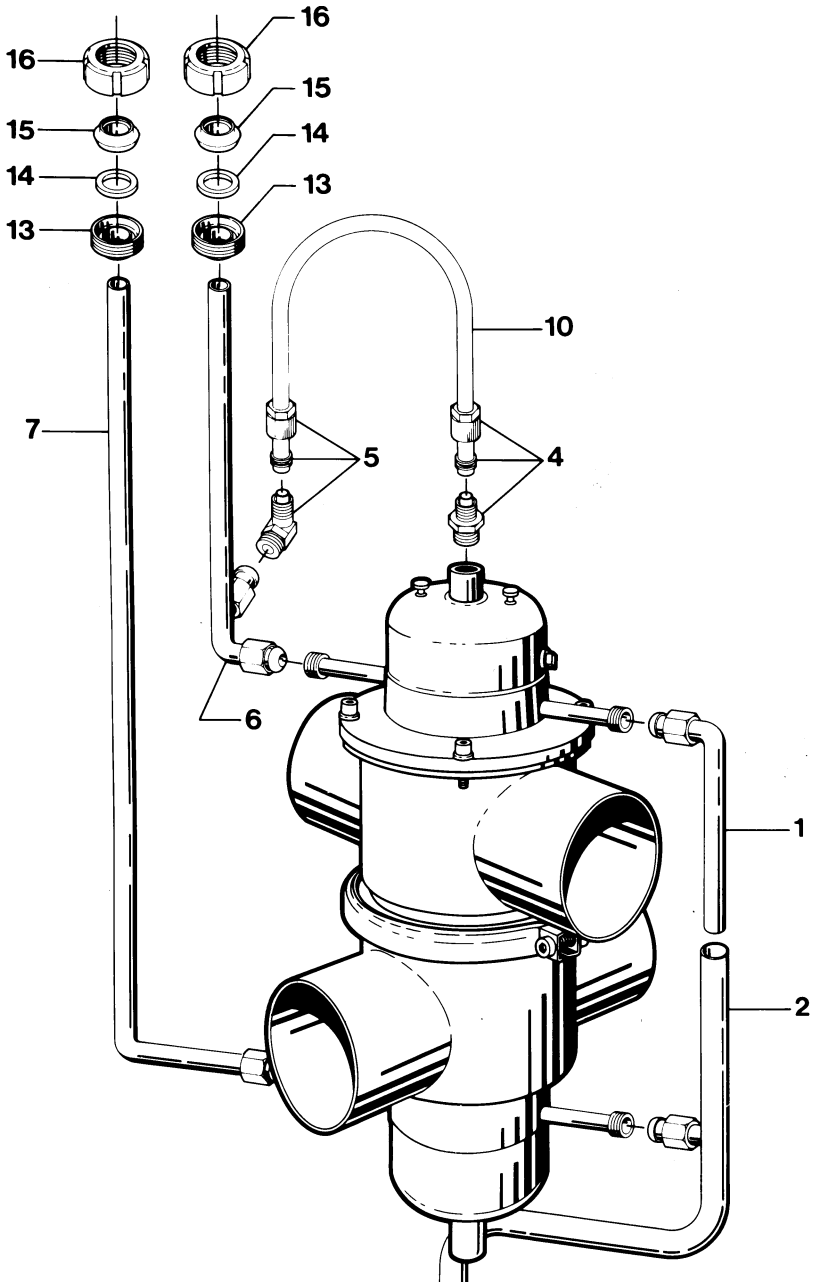
Pos.	Qty.	Denomination	31357-1005-3
19	1	Welding liner	31357-0743-1
20	1	Nut	31357-0744-1

Installation kit F

Pos.	Qty.	Denomination	
23	1	Fittings PVDF female	9611-99-2372

Installation kit E
for SMP-EC valve

Not manufactured anymore

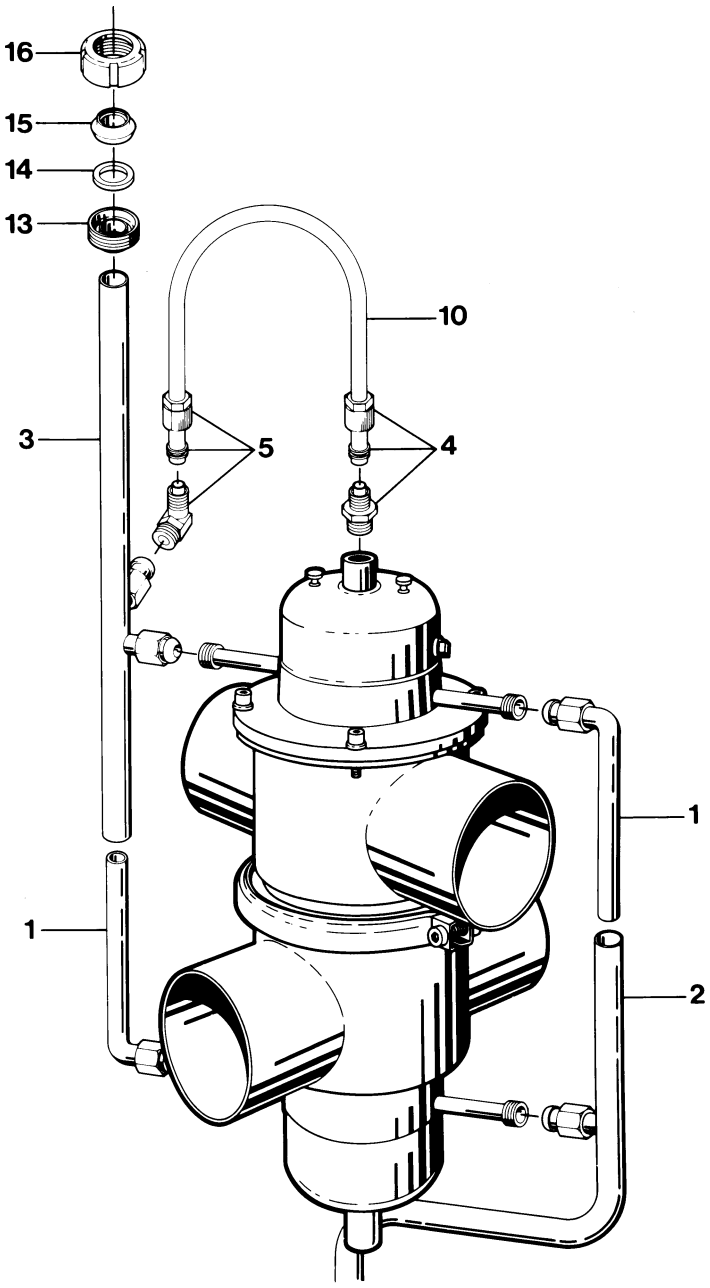


Not manufactured anymore

Pos.	Qty.	Denomination	51 - 101.6 mm NW 50 - 125 31357-1005-2	NW 150 31357-1005-4
1	1	12 mm CIP-pipe with 1 connection	31357-1001-1	31357-1001-3
2	1	16 mm CIP-pipe with 1 connection	31357-1002-1	31357-1002-1
4	1	Fittings PVDF male	9611-99-2373	9611-99-2373
5	1	Fittings PVDF elbow male	9611-99-2606	9611-99-2606
6	1	12 mm CIP-pipe with 2 connection	31357-1004-1	31357-1004-1
7	1	12 mm CIP-pipe with 1 connection	31357-1001-2	31357-1001-4
10	1	Tube PVDF	9611-99-2607	9611-99-2607
13	2	Male part DIN, NW 10	9611-30-590-0	9611-30-590-0
14	2	Packing NBR, NW10	527346-01	527346-01
15	2	Welding liner DIN, NW10	9611-30-595-0	9611-30-595-0
16	2	Nut, NW10	9611-30-642-0	9611-30-642-0

Installation kit D
for SMP-EC valve

Not manufactured anymore



Reg.: 2000-01
Intro.: 9204

Not manufactured anymore

Pos.	Qty.	Denomination	51 - 101.6 mm NW 50 - 125 31357-1005-1	NW 150 31357-1005-5
1	2	12 mm CIP-pipe with 1 connection	31357-1001-1	31357-1001-3
2	1	16 mm CIP-pipe with 1 connection	31357-1002-1	31357-1002-1
3	1	16 mm CIP-pipe with 2 connection	31357-1003-1	31357-1003-1
4	1	Fittings PVDF male	9611-99-2373	9611-99-2373
5	1	Fittings PVDF elbow male	9611-99-2606	9611-99-2606
10	1	Tube PVDF	9611-99-2607	9611-99-2607
13	1	Male part DIN, NW 15	9611-30-591-0	9611-30-591-0
14	1	Packing NBR, NW 15	527346-02	527346-02
15	1	Welding liner NW 15	9611-30-596-0	9611-30-596-0
16	1	Nut, NW 15	9611-30-643-0	9611-30-643-0

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