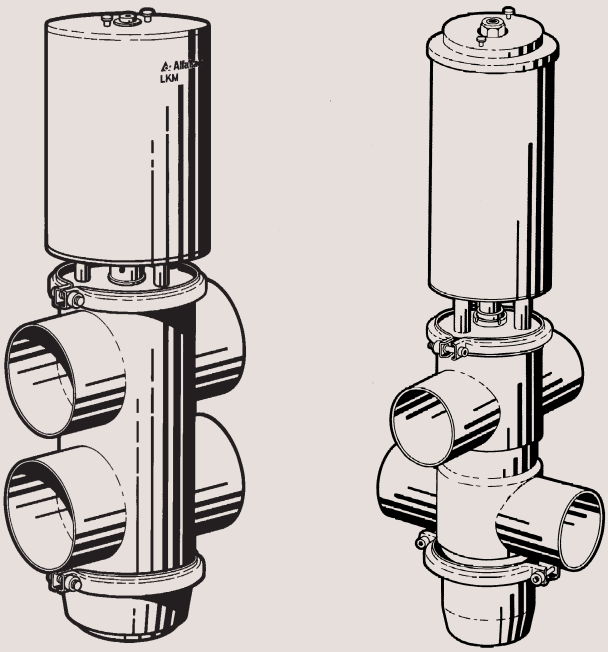
Spare Parts

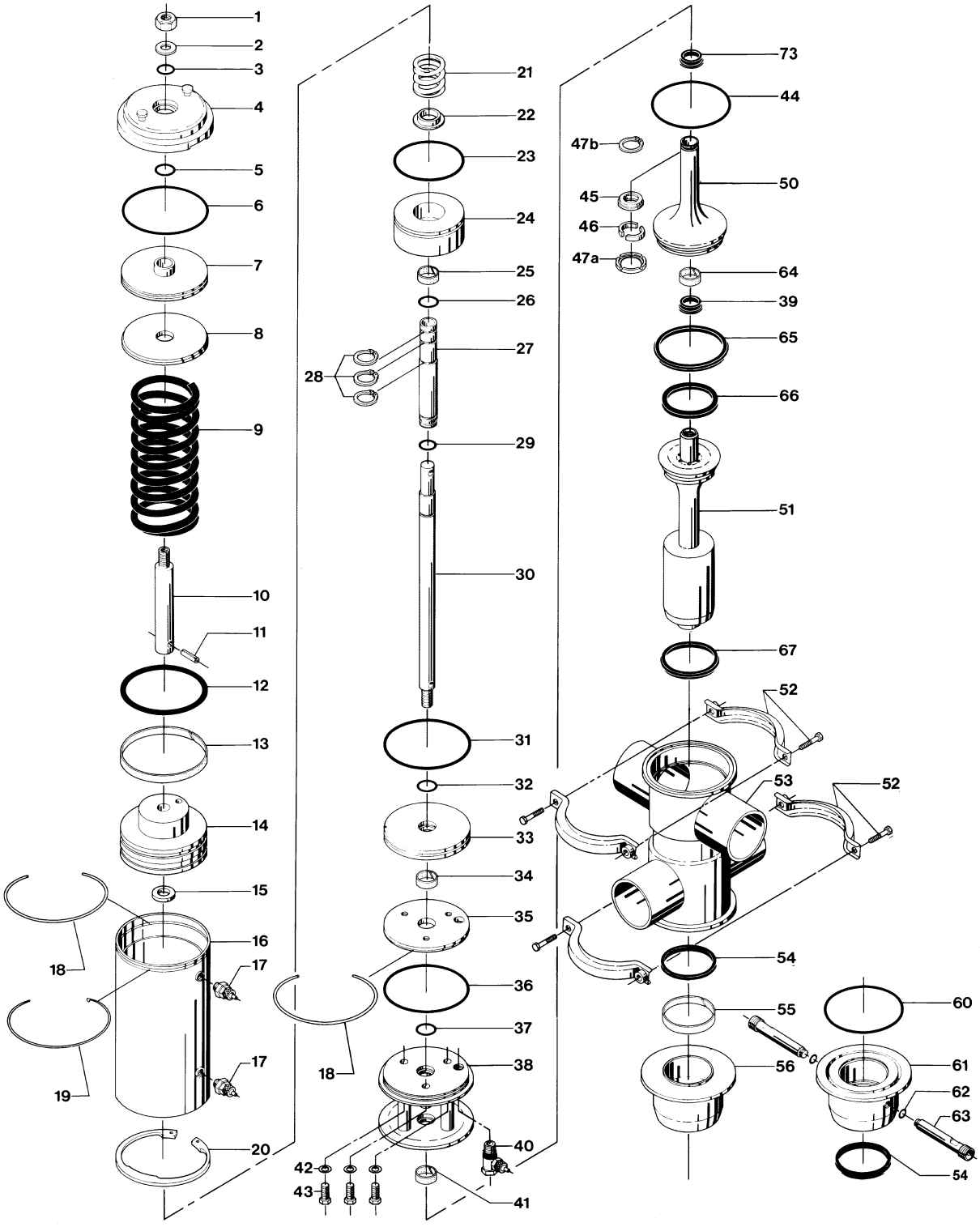
SMP-SC Sanitary Mixproof Valve with Seal Ring Plugs



SP70787-GB4 2002-11

Sanitary Mixproof Valve Type SMP-SC
Seal Ring Plug (51-101.6 mm / NW50-100)

2



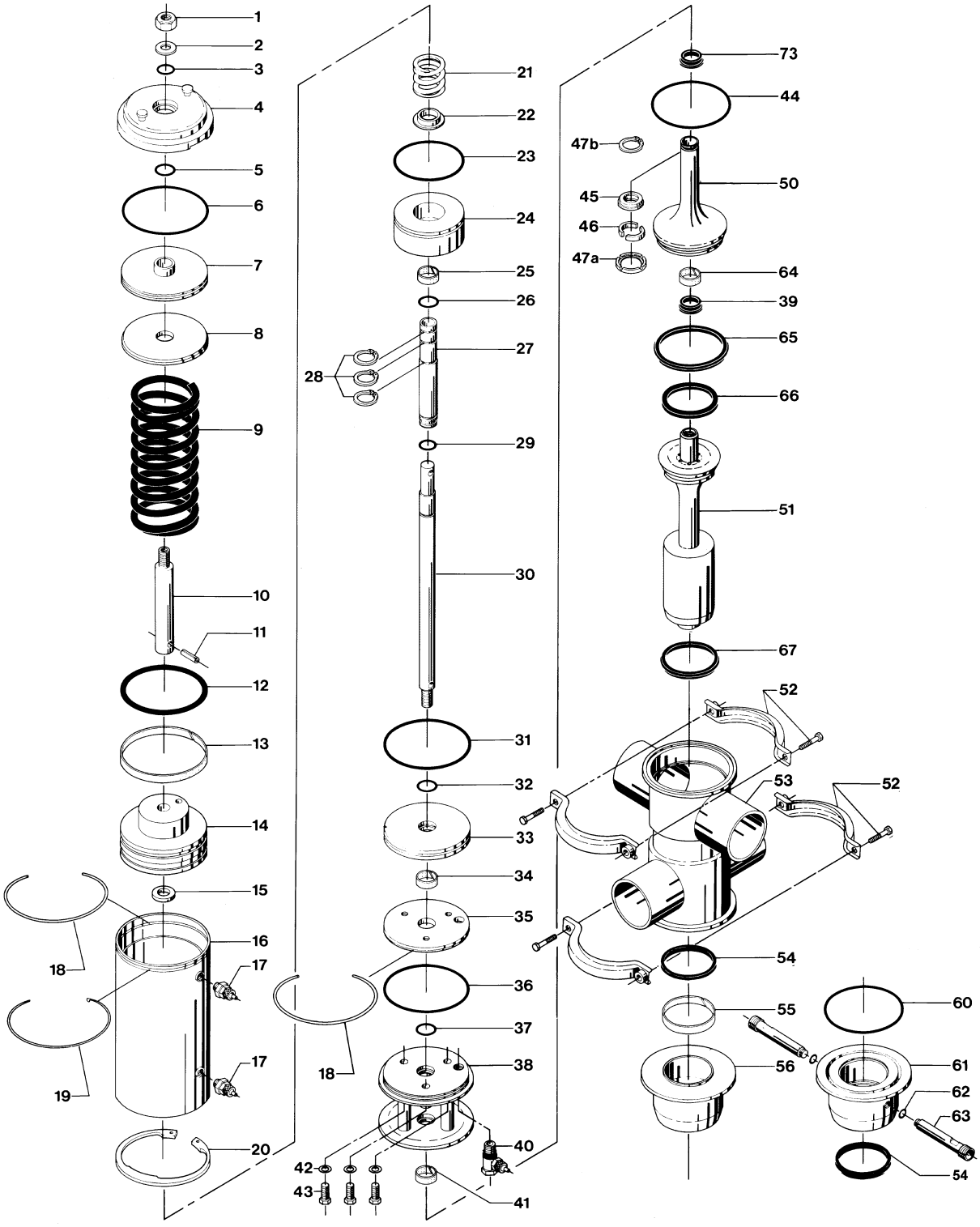
Sanitary Mixproof Valve Type SMP-SC
Seal Ring Plug (51-101.6 mm / NW50-100)

Pos.	Qty.	Denomination	51-76 mm NW50-65	101.6 mm NW80-100
1	1	Nut	9611-99-2576	9611-99-2576
2	1	Washer	9611-99-0706	9611-99-0706
3□	1	O-ring, NBR	9611-99-0096	9611-99-0096
4	1	Cylinder lid	9612-2916-01	9612-3121-01
5□	1	O-ring, NBR	223406-25	223406-25
6□	1	O-ring, NBR	260104-67	9611-99-2579
7	1	Upper piston	9612-2913-01	9612-3101-01
8	1	Flange	9612-2914-01	9612-3102-01
9	1	Spring	9612-2928-01	9612-3154-01
10	1	Upper piston rod	9612-2910-01	9612-3104-01
11	1	Pin	9611-99-2562	9611-99-1314
12□	1	O-ring, NBR	9611-99-2556	9611-99-2580
13	1	Guide ring, Turcite	9612-2926-01	9612-2926-08
14	1	Main piston	9612-2935-01	9612-3105-01
15	1	Support washer	9612-2911-01	
16	1	Cylinder	9612-2918-01	9612-3137-01
17	2	Air fitting	9611-99-2563	9611-99-2563
18	2	Retaining ring	9612-2929-01	9612-2929-02
19	1	Lock ring	9612-2930-01	9612-3132-01
20	1	Circlip	9611-99-2561	9611-99-2589
21	1	Spring	9612-2927-01	9612-3155-01
22	1	Spring support	9612-2912-01	9612-3106-01
23□	1	O-ring, NBR	9611-99-2568	9611-99-0643
24	1	Piston	9612-2906-01	9612-3107-01
25	1	Guide ring, Turcite		9612-2926-04
26□	1	O-ring, NBR	223406-25	9611-99-2582
27	1	Lower piston rod	9612-2959-01	9612-3134-01
28	3	Circlip	9611-99-2565	9611-99-2588
29□	1	O-ring, NBR	223404-31	223406-25
31□	1	O-ring, NBR	260104-67	9611-99-2580
32□	1	O-ring, NBR	223406-25	9611-99-2581
33	1	Lower piston	9612-2905-01	9612-3147-01
34	1	Guide ring, Turcite		9612-2926-10
35	1	Flange	9612-2915-01	9612-3120-01
36Δ❍	1	O-ring, NBR	260104-67	9611-99-2579
37Δ❍	1	O-ring, NBR	223406-25	9611-99-2581
38	1	Bonnet	9612-4285-01	9612-4257-01
39Δ❍	1	Lip seal, EPDM (Standard)	9612-3205-01	9612-3168-01
	1	Lip seal, NBR	9612-3205-02	9612-3168-02
	1	Lip seal, FPM	9612-3205-03	9612-3168-03
40	1	Air fitting	9611-99-2564	9611-99-2564
41	1	Guide ring, PTFE	9612-2926-13	9612-2926-12
42Δ❍	3	Washer	9611-99-2572	9611-99-2590
43	3	Screw	9611-99-0462	9611-99-1910
44Δ❍	1	O-ring, EPDM (Standard)	9611-99-2931	9611-99-2934
	1	O-ring, NBR	9611-99-2932	9611-99-2935
	1	O-ring, FPM	9611-99-2933	9611-99-2936
45	1	Lock ring	9612-2983-01	9612-3136-01
46	2	Clamp ring	9612-2960-01	9612-3135-01
47a	1	Clip ring	31353-0727-1	
47b	1	Circlip		9611-99-2663
52	2	Clamp complete	9611-31-105-5	9611-31-105-7
54Δ❍	1	Double lip seal, EPDM (Standard)	9612-3175-01	9612-3204-01
	1	Double lip seal, NBR	9612-3175-02	9612-3204-02
	1	Double lip seal, FPM	9612-3175-03	9612-3204-03
55	1	Guide ring, PTFE	9612-2926-02	9612-2926-06
56	1	Balancing housing (Standard)	9612-3256-01	9612-3285-01
64	1	Guide ring	9612-2926-13	9612-2926-12
65Δ❍	1	Seal ring, EPDM, (Standard)	9612-3593-03	9612-3593-09
	1	Seal ring, NBR	9612-3593-01	9612-3593-07
	1	Seal ring, FPM	9612-3593-02	9612-3593-08
66Δ❍	1	Seal ring, EPDM, (Standard)	9612-3594-06	9612-3594-03
	1	Seal ring, NBR	9612-3594-04	9612-3594-01
	1	Seal ring, FPM	9612-3594-05	9612-3594-02

Recommended Spare Parts: **Service kit.**

Sanitary Mixproof Valve Type SMP-SC
Seal Ring Plug (51-101.6 mm / NW50-100)

(Same drawing as on page 2)



Sanitary Mixproof Valve Type SMP-SC
Seal Ring Plug (51-101.6 mm / NW50-100)

Pos.	Qty.	Denomination	51-76 mm NW50-65	101.6 mm NW80-100
67∆❍	1	Seal ring, EPDM (Standard)	9612-3593-06	9612-3593-12
	1	Seal ring, NBR	9612-3593-04	9612-3593-10
	1	Seal ring, FPM	9612-3593-05	9612-3593-11
73∆❍	1	Lip seal, EPDM (Standard)	9612-3175-04	9612-3204-04
	1	Lip seal, NBR	9612-3175-05	9612-3204-05
	1	Lip seal, FPM	9612-3175-06	9612-3204-06

Pos.	Qty.	Denomination	51-76 mm NW50-65	101.6 mm NW80-100
CIP-kit for balancing plug complete, EPDM			9611-92-0137	9611-92-0138
54❍	1	Double lip seal, EPDM (Standard)	9612-3175-01	9612-3204-01
55	1	Guide ring, PTFE	9612-2926-02	9612-2926-06
60❍	1	O-ring for CIP, EPDM	9611-99-2700	9611-99-2571
61	1	Balancing housing for CIP	9612-3255-01	9612-3286-01
62	2	O-ring, EPDM (Period 9603-)	9611-99-3119	9611-99-3119
	2	Washer, Nylon (Period 9501-9603)	9611-99-2566	9611-99-2566
63	2	Flushing tube (Period 9603-)	31357-1017-1	31357-1017-1
	2	Flushing tube (Period 9501-9603)	31357-1013-1	31357-1013-1
Accessories				
	1	Tool complete for actuator	9612-3174-01	9612-3174-01

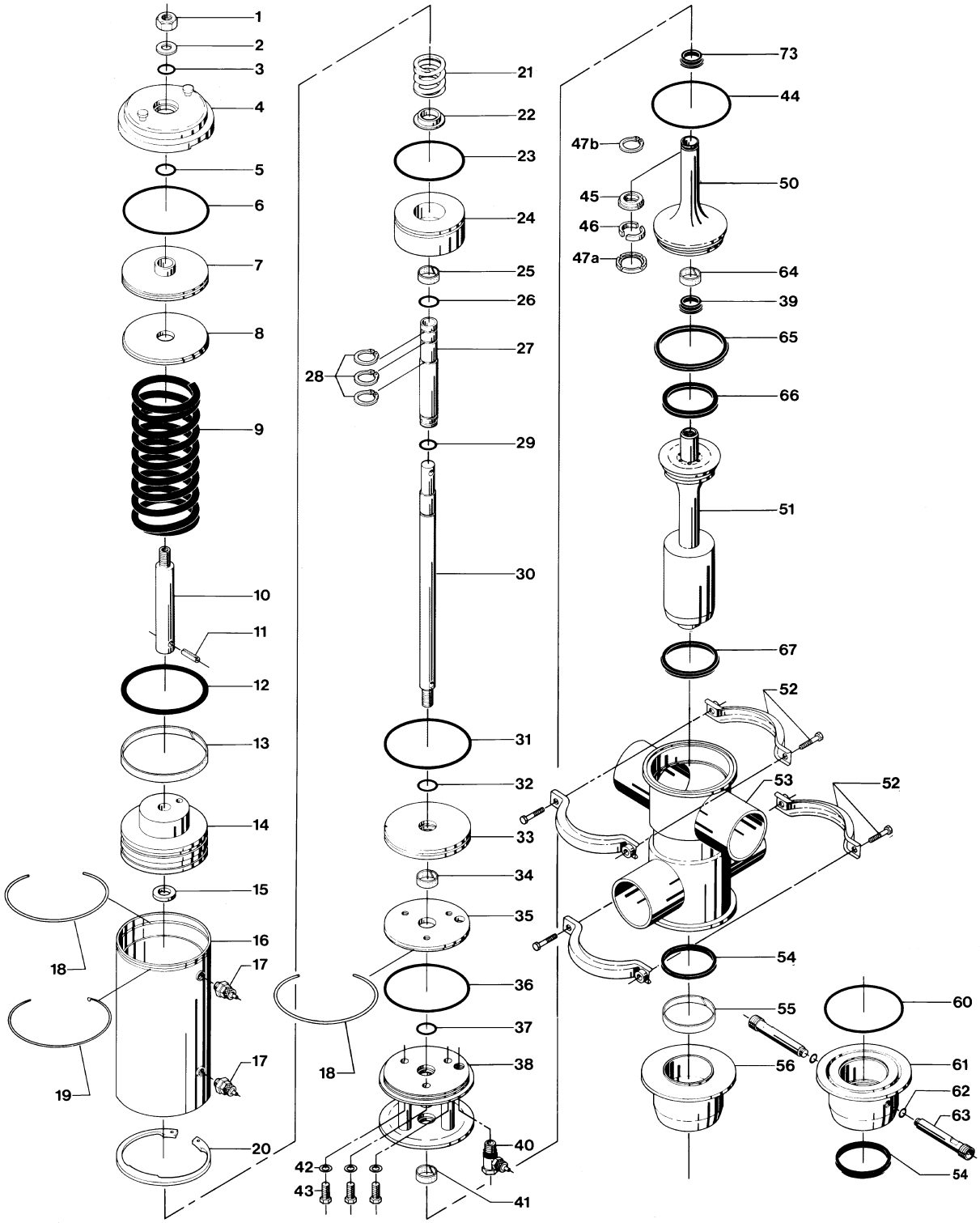
Pos.	Qty.	Denomination	51mm NW50	63.5mm NW65	76mm	NW80	101.6mm NW100
		Actuator complete (Pos. 1-38, 40-44, 73)	9612-4607-03	9612-4607-04	9612-4607-05	9612-4607-12	9612-4607-13
30	1	Inner stem	9612-4276-01	9612-4276-02	9612-4276-03	9612-4276-06	9612-4276-07
50	1	Upper plug	9612-4301-01	9612-4301-02	9612-4301-03	9612-4274-03	9612-4274-04
	1	Upper plug, EPDM (Pos.39+50+64+65+66)	9612-4300-01	9612-4300-04	9612-4300-07	9612-4275-07	9612-4275-10
	1	Upper plug, NBR (Pos.39+50+64+65+66)	9612-4300-02	9612-4300-05	9612-4300-08	9612-4275-08	9612-4275-11
	1	Upper plug, FPM (Pos.39+50+64+65+66)	9612-4300-03	9612-4300-06	9612-4300-09	9612-4275-09	9612-4275-12
51	1	Lower plug	9612-4327-02	9612-4327-03	9612-4327-04	9612-3916-03	9612-3916-02
	1	Lower plug, EPDM (Pos.51+67)	9612-4328-04	9612-4328-07	9612-4328-10	9612-4090-10	9612-4090-07
	1	Lower plug, NBR (Pos.51+67)	9612-4328-05	9612-4328-08	9612-4328-11	9612-4090-11	9612-4090-08
	1	Lower plug, FPM (Pos.51+67)	9612-4328-06	9612-4328-09	9612-4328-12	9612-4090-12	9612-4090-09

Pos.	Qty.	Denomination	51-76 mm NW50-65	101.6 mm NW80-100
Service kit for actuator				
□	**1**	**Service kit A, NBR.**	**9611-92-0127**	**9611-92-0130**
Service kit for product wetted parts				
∆	**1**	**Service kit B, EPDM.**	**9611-92-0238**	**9611-92-0241**
∆	**1**	**Service kit B, NBR.**	**9611-92-0239**	**9611-92-0242**
∆	**1**	**Service kit B, FPM.**	**9611-92-0240**	**9611-92-0243**
Service kit for valve with CIP-connection on balancing housing				
❍	**1**	**Service kit C, EPDM.**	**9611-92-0244**	**9611-92-0247**
❍	**1**	**Service kit C, NBR.**	**9611-92-0245**	**9611-92-0248**
❍	**1**	**Service kit C, FPM.**	**9611-92-0246**	**9611-92-0249**

Parts marked with □ are included in **Service kit A.**
Parts marked with ∆ are included in **Service kit B.**
Parts marked with ❍ are included in **Service kit C.**

Sanitary Mixproof Valve Type SMP-SC
Seal Ring Plug (51-101.6 mm / NW50-100)

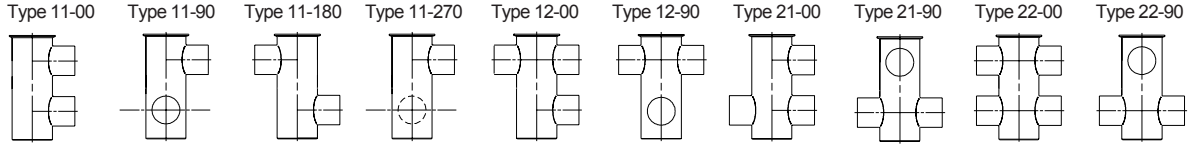
(Same drawing as on page 2)



Pos.	Qty.	Denomination	51 mm	63.5 mm	76 mm	101.6 mm	NW 50
53	1	Valve body 11-00	9612-5258-03	9612-5258-13	9612-5258-23	9612-5260-03	9612-5259-03
	1	Valve body 12-00	9612-5258-04	9612-5258-14	9612-5258-24	9612-5260-04	9612-5259-04
	1	Valve body 21-00	9612-5258-07	9612-5258-17	9612-5258-27	9612-5260-07	9612-5259-07
	1	Valve body 22-00	9612-5258-08	9612-5258-18	9612-5258-28	9612-5260-08	9612-5259-08
	1	Valve body 11-90	9612-5258-05	9612-5258-15	9612-5258-25	9612-5260-05	9612-5259-05
	1	Valve body 12-90	9612-5258-06	9612-5258-16	9612-5258-26	9612-5260-06	9612-5259-06
	1	Valve body 21-90	9612-5258-09	9612-5258-19	9612-5258-29	9612-5260-09	9612-5259-09
	1	Valve body 22-90	9612-5258-10	9612-5258-20	9612-5258-30	9612-5260-10	9612-5259-10
	1	Valve body 11-180	9612-5258-01	9612-5258-11	9612-5258-21	9612-5260-01	9612-5259-01
	1	Valve body 11-270	9612-5258-02	9612-5258-12	9612-5258-22	9612-5260-02	9612-5259-02

Pos.	Qty.	Denomination	NW 65	NW80	NW100
53	1	Valve body 11-00	9612-5259-23	9612-5261-03	9612-5261-23
	1	Valve body 12-00	9612-5259-24	9612-5261-04	9612-5261-24
	1	Valve body 21-00	9612-5259-27	9612-5261-07	9612-5261-27
	1	Valve body 22-00	9612-5259-28	9612-5261-08	9612-5261-28
	1	Valve body 11-90	9612-5259-25	9612-5261-05	9612-5261-25
	1	Valve body 12-90	9612-5259-26	9612-5261-06	9612-5261-26
	1	Valve body 21-90	9612-5259-29	9612-5261-09	9612-5261-29
	1	Valve body 22-90	9612-5259-30	9612-5261-10	9612-5261-30
	1	Valve body 11-180	9612-5259-21	9612-5261-01	9612-5261-21
	1	Valve body 11-270	9612-5259-22	9612-5261-02	9612-5261-22

Valve body combinations:

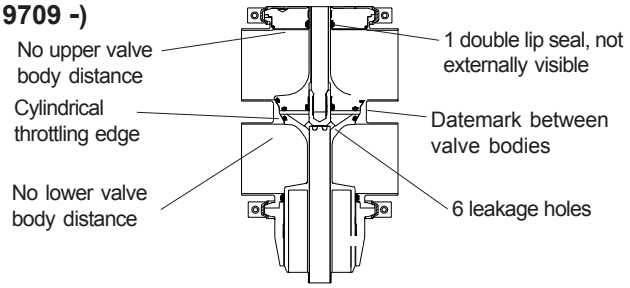


Surface roughness, inside of valve body: Ra ≤ 0.8 µm

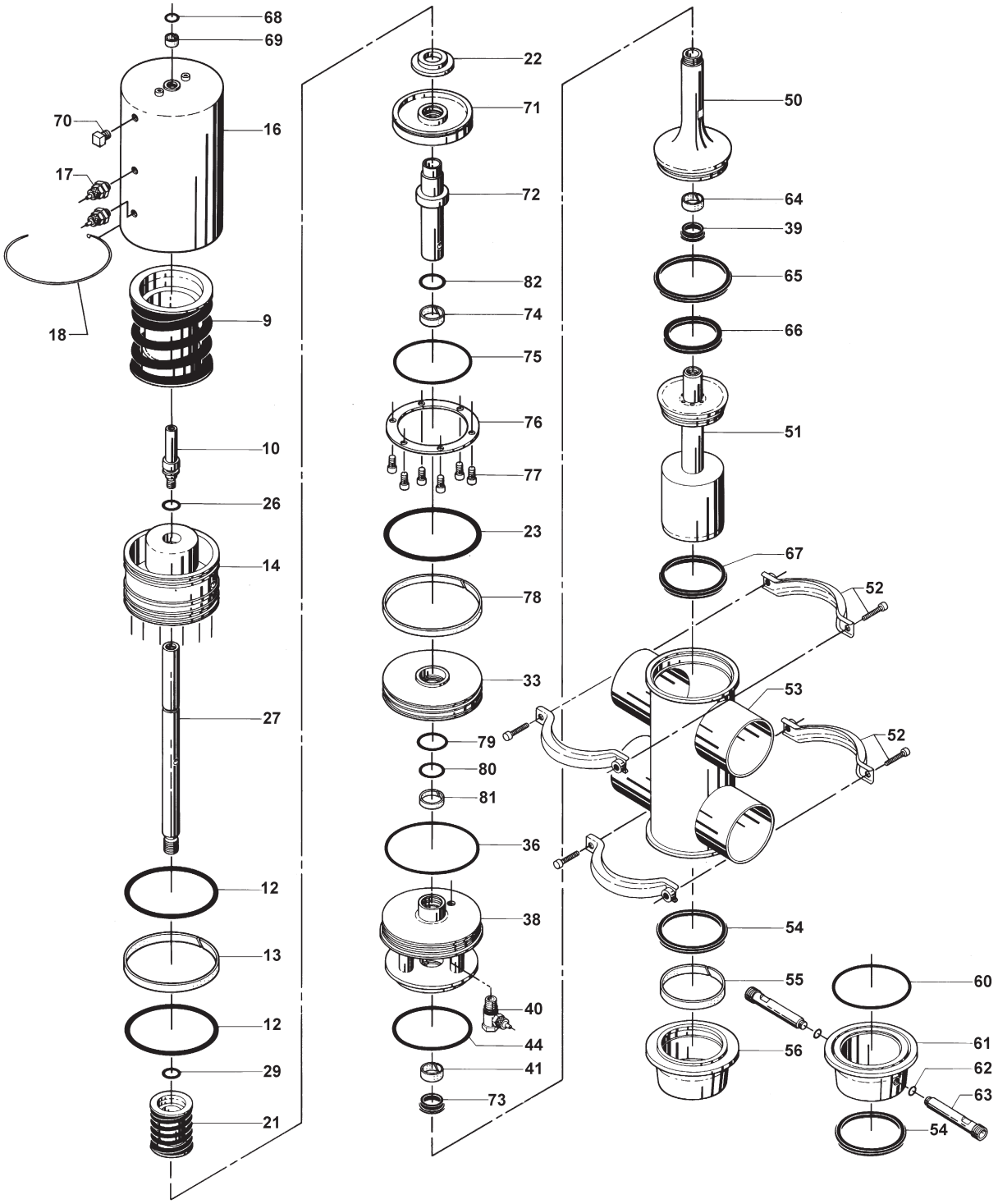
Pos.	Qty.	Denomination	51 mm	63.5 mm	76 mm	101.6 mm
53	1	Valve body 11-00	9612-5257-03	9612-5257-13	9612-5257-23	9612-5260-13
	1	Valve body 12-00	9612-5257-04	9612-5257-14	9612-5257-24	9612-5260-14
	1	Valve body 21-00	9612-5257-07	9612-5257-17	9612-5257-27	9612-5260-17
	1	Valve body 22-00	9612-5257-08	9612-5257-18	9612-5257-28	9612-5260-18
	1	Valve body 11-90	9612-5257-05	9612-5257-15	9612-5257-25	9612-5260-15
	1	Valve body 12-90	9612-5257-06	9612-5257-16	9612-5257-26	9612-5260-16
	1	Valve body 21-90	9612-5257-09	9612-5257-19	9612-5257-29	9612-5260-19
	1	Valve body 22-90	9612-5257-10	9612-5257-20	9612-5257-30	9612-5260-20
	1	Valve body 11-180	9612-5257-01	9612-5257-11	9612-5257-21	9612-5260-11
	1	Valve body 11-270	9612-5257-02	9612-5257-12	9612-5257-22	9612-5260-12

Pos.	Qty.	Denomination	NW 50	NW 65	NW80	NW100
53	1	Valve body 11-00	9612-5259-13	9612-5259-33	9612-5261-03	9612-5261-33
	1	Valve body 12-00	9612-5259-14	9612-5259-34	9612-5261-04	9612-5261-34
	1	Valve body 21-00	9612-5259-17	9612-5259-37	9612-5261-07	9612-5261-37
	1	Valve body 22-00	9612-5259-18	9612-5259-38	9612-5261-08	9612-5261-38
	1	Valve body 11-90	9612-5259-15	9612-5259-35	9612-5261-05	9612-5261-35
	1	Valve body 12-90	9612-5259-16	9612-5259-36	9612-5261-06	9612-5261-36
	1	Valve body 21-90	9612-5259-19	9612-5259-39	9612-5261-09	9612-5261-39
	1	Valve body 22-90	9612-5259-20	9612-5259-40	9612-5261-10	9612-5261-40
	1	Valve body 11-180	9612-5259-11	9612-5259-31	9612-5261-01	9612-5261-31
	1	Valve body 11-270	9612-5259-12	9612-5259-32	9612-5261-02	9612-5261-32

3. (Period 9709 -)



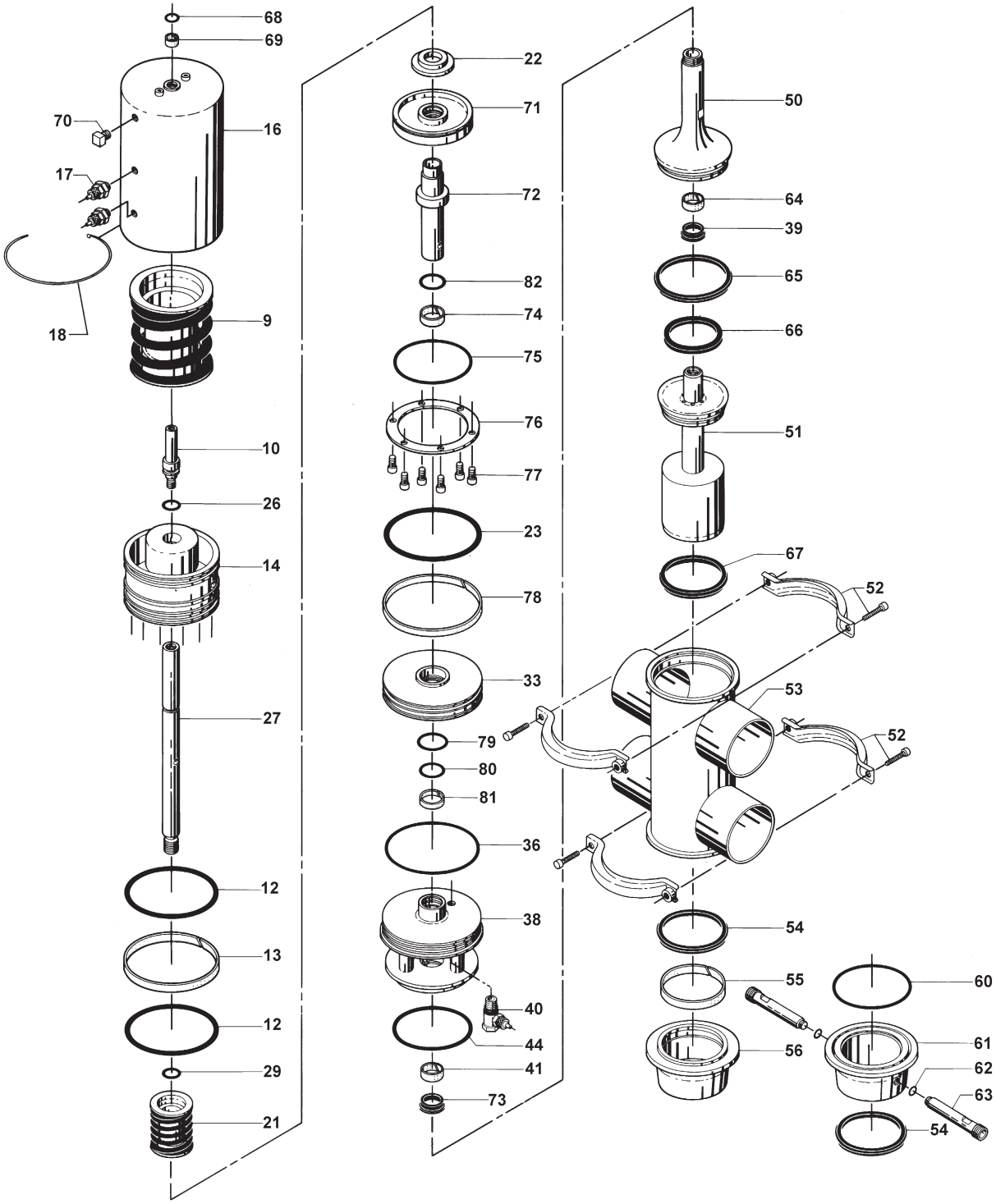
Sanitary Mixproof Valve Type SMP-SC
Seal Ring Plug (NW 125-150)



Pos.	Qty.	Denomination	NW 125	NW 150
9	1	Spring assembly	9612-4042-01	9612-4042-01
10	1	Upper piston rod	9612-4062-01	9612-4062-01
12□	2	O-ring, NBR (standard)	9611-99-3008	9611-99-3008
13	1	Guide ring, Turcite	9612-2926-18	9612-2926-18
14	1	Main piston	9612-4052-01	9612-4052-01
16	1	Cylinder	9612-4067-01	9612-4067-01
17	2	Air fitting	9611-99-2563	9611-99-2563
18	1	Lock wire	9612-3805-01	9612-3805-01
21	1	Spring assembly	9612-4047-01	9612-4047-01
22	1	Spring support	9612-4054-01	9612-4054-01
23□	1	O-ring, NBR (standard)	9611-99-3010	9611-99-3010
26□	1	O-ring, NBR (standard)	9611-99-3007	9611-99-3007
27	1	Lower piston rod	9612-4070-02	9612-4070-01
29□	1	O-ring, NBR (standard)	9611-99-3007	9611-99-3007
33	1	Lower piston	9612-4056-01	9612-4056-01
36□	1	O-ring, NBR (standard)	9611-99-2892	9611-99-2892
38	1	Bonnet	9612-4057-01	9612-4057-01
39Δ❍	1	Lip seal, EPDM (standard)	9612-3168-01	9612-3168-01
	1	Lip seal, NBR	9612-3168-02	9612-3168-02
	1	Lip seal, FPM	9612-3168-03	9612-3168-03
40	1	Air fitting	9611-99-2564	9611-99-2564
41	1	Guide ring, PTFE	9612-2926-21	9612-2926-21
44Δ❍	1	O-ring, EPDM (standard)	9611-99-2937	9611-99-2937
	1	O-ring, NBR	9611-99-2938	9611-99-2938
	1	O-ring, FPM	9611-99-2939	9611-99-2939
50	1	Upper plug	9612-4128-02	9612-4128-01
	1	Upper plug, EPDM (Pos. 36+37+38+39+40)	9612-4998-04	9612-4998-01
	1	Upper plug, NBR (Pos. 36+37+38+39+40)	9612-4998-05	9612-4998-02
	1	Upper plug, FPM (Pos. 36+37+38+39+40)	9612-4998-06	9612-4998-03
51	1	Lower plug	9612-4132-02	9612-4132-01
	1	Lower plug, EPDM (Pos. 41+42)	9612-4999-04	9612-4999-01
	1	Lower plug, NBR (Pos. 41+42)	9612-4999-05	9612-4999-02
	1	Lower plug, FPM (Pos. 41+42)	9612-4999-06	9612-4999-03
52	2	Clamp complete	9611-31-105-8	9611-31-105-8
54Δ❍	1	Lip seal, EPDM (standard)	9612-3204-10	9612-3204-10
	1	Lip seal, NBR	9612-3204-11	9612-3204-11
	1	Lip seal, FPM	9612-3204-12	9612-3204-12
55	1	Guide ring	9612-2926-22	9612-2926-22
56	1	Balancing housing	9612-4472-01	9612-4472-01
64	1	Guide ring, PTFE	9612-2926-12	9612-2926-12
65Δ❍	1	Seal ring, EPDM (standard)	9612-3593-24	9612-3593-24
	1	Seal ring, NBR	9612-3593-22	9612-3593-22
	1	Seal ring, FPM	9612-3593-23	9612-3593-23
66Δ❍	1	Seal ring, EPDM (standard)	9612-3594-12	9612-3594-12
	1	Seal ring, NBR	9612-3594-10	9612-3594-10
	1	Seal ring, FPM	9612-3594-11	9612-3594-11
67Δ❍	1	Seal ring, EPDM (standard)	9612-3593-27	9612-3593-27
	1	Seal ring, NBR	9612-3593-25	9612-3593-25
	1	Seal ring, FPM	9612-3593-26	9612-3593-26
68□	1	O-ring, NBR (standard)	9611-99-3006	9611-99-3006
69	1	Guide ring, Turcite	9612-2926-16	9612-2926-16
70	1	Plug	31353-0154-1	31353-0154-1
71	1	Support piston	9612-4055-01	9612-4055-01
72	1	Outer piston rod	9612-4063-01	9612-4063-01
73Δ❍	1	Lip seal, EPDM (standard)	9612-3204-07	9612-3204-07
	1	Lip seal, NBR	9612-3204-08	9612-3204-08
	1	Lip seal, FPM	9612-3204-09	9612-3204-09
74	1	Guide ring, Turcite	9612-2926-17	9612-2926-17
75□	1	O-ring, NBR (standard)	9611-99-1489	9611-99-1489
76	1	Support flange	9612-4608-01	9612-4608-01
77	6	Screw for support flange	9611-99-1930	9611-99-1930
78	1	Guide ring, Turcite	9612-2926-19	9612-2926-19
79□	1	O-ring, NBR (standard)	9611-99-3011	9611-99-3011
80□	1	O-ring, NBR (standard)	9611-99-3012	9611-99-3012
81	1	Guide ring, Turcite	9612-2926-20	9612-2926-20
82□	1	O-ring, NBR (standard)	9611-99-3009	9611-99-3009

Sanitary Mixproof Valve Type SMP-SC
Seal Ring Plug (NW 125-150)

(Same drawing as on page 8)



Pos.	Qty.	Denomination	NW 125	NW 150
Service kit for actuator				
□	1	**Service kit A, NBR**	**9611-92-0346**	**9611-92-0346**
Service kit for product wetted parts				
Δ	1	**Service kit B, EPDM**	**9611-92-0347**	**9611-92-0347**
Δ	1	**Service kit B, NBR**	**9611-92-0348**	**9611-92-0348**
Δ	1	**Service kit B, FPM**	**9611-92-0349**	**9611-92-0349**
Service kit for valve with CIP-connection on balancing housing				
❍	1	**Service kit C, EPDM**	**9611-92-0350**	**9611-92-0350**
❍	1	**Service kit C, NBR**	**9611-92-0351**	**9611-92-0351**
❍	1	**Service kit C, FPM**	**9611-92-0352**	**9611-92-0352**

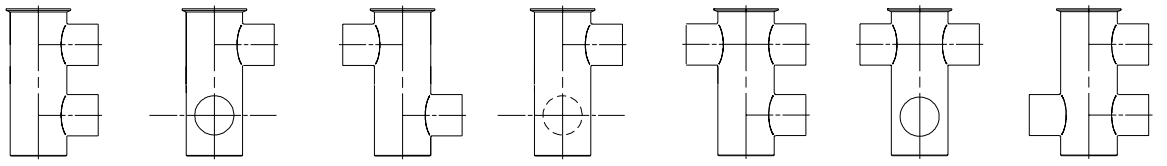
Parts marked with □ are included in **Service kit A.**
Parts marked with Δ are included in **Service kit B.**
Parts marked with ❍ are included in **Service kit C.**

Pos.	Qty.	Denomination	NW 125	NW 150
Alternative				
CIP-kit for balancing plug complete, EPDM			9611-92-0353	9611-92-0353
54❍	1	Lip seal, EPDM	9612-3204-10	9612-3204-10
60❍	1	O-ring	9611-99-3162	9611-99-3162
61	1	Balancing housing with CIP connections	9612-4475-01	9612-4475-01
62❍	2	O-ring, EPDM	9611-99-3119	9611-99-3119
63	2	Flushing tube	31357-1017-1	31357-1017-1

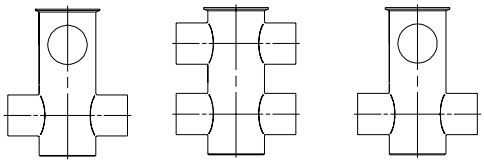
Pos.	Qty.	Denomination	NW 125	NW 150
53	1	Valve body 11-00	9612-4629-01	9612-4631-01
	1	Valve body 12-00	9612-4629-02	9612-4631-02
	1	Valve body 21-00	9612-4629-03	9612-4631-03
	1	Valve body 22-00	9612-4629-04	9612-4631-04
	1	Valve body 11-90	9612-4629-05	9612-4631-05
	1	Valve body 12-90	9612-4629-06	9612-4631-06
	1	Valve body 21-90	9612-4629-07	9612-4631-07
	1	Valve body 22-90	9612-4629-08	9612-4631-08
	1	Valve body 11-180	9612-4629-09	9612-4631-09
	1	Valve body 11-270	9612-4629-10	9612-4631-10

Valve body combinations:

Type 11-00 Type 11-90 Type 11-180 Type 11-270 Type 12-00 Type 12-90 Type 21-00



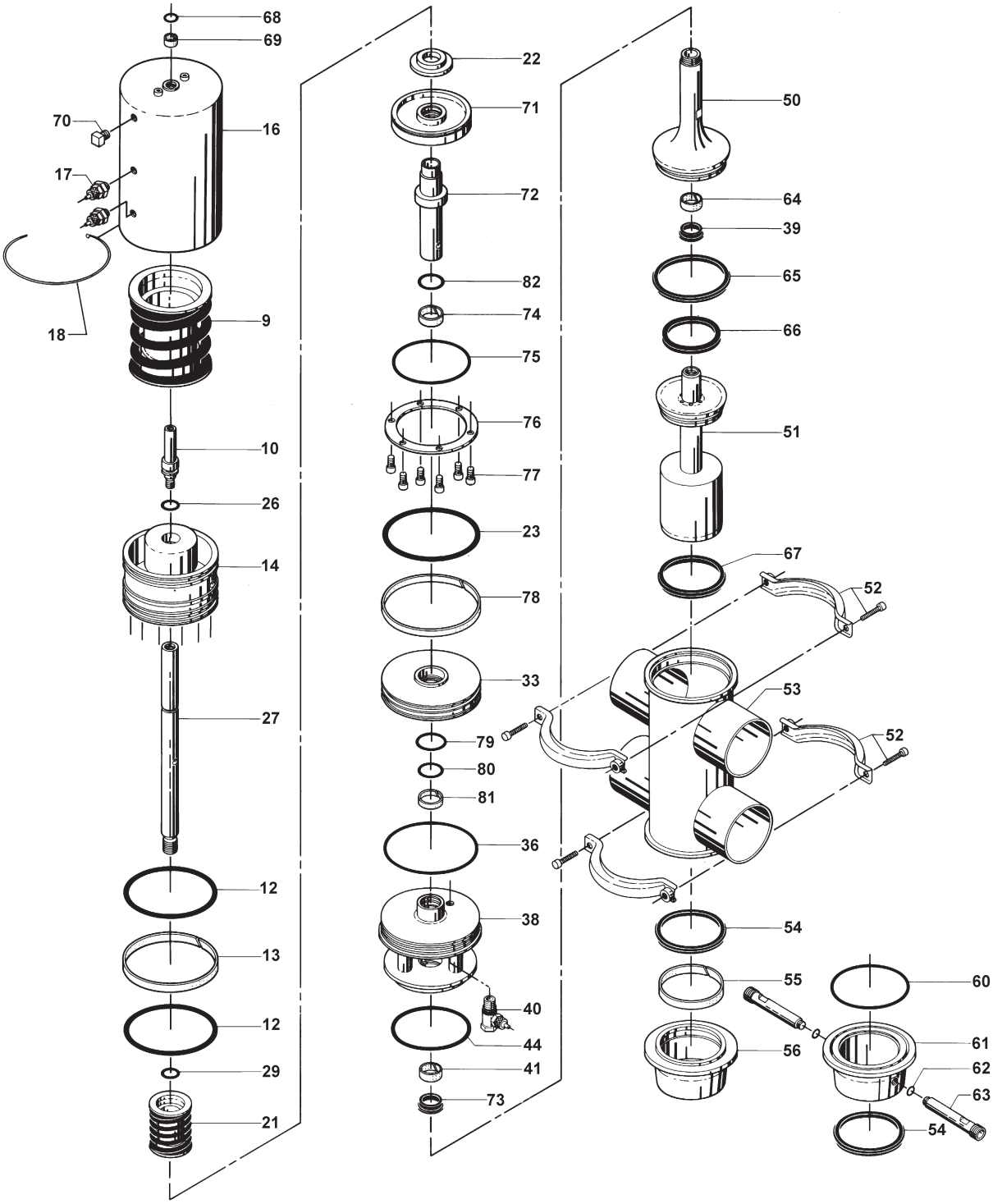
Type 21-90 Type 22-00 Type 22-90



Recommended Spare Parts: **Service kit.**

Sanitary Mixproof Valve Type SMP-SC
Seal Ring Plug (NW 125-150)

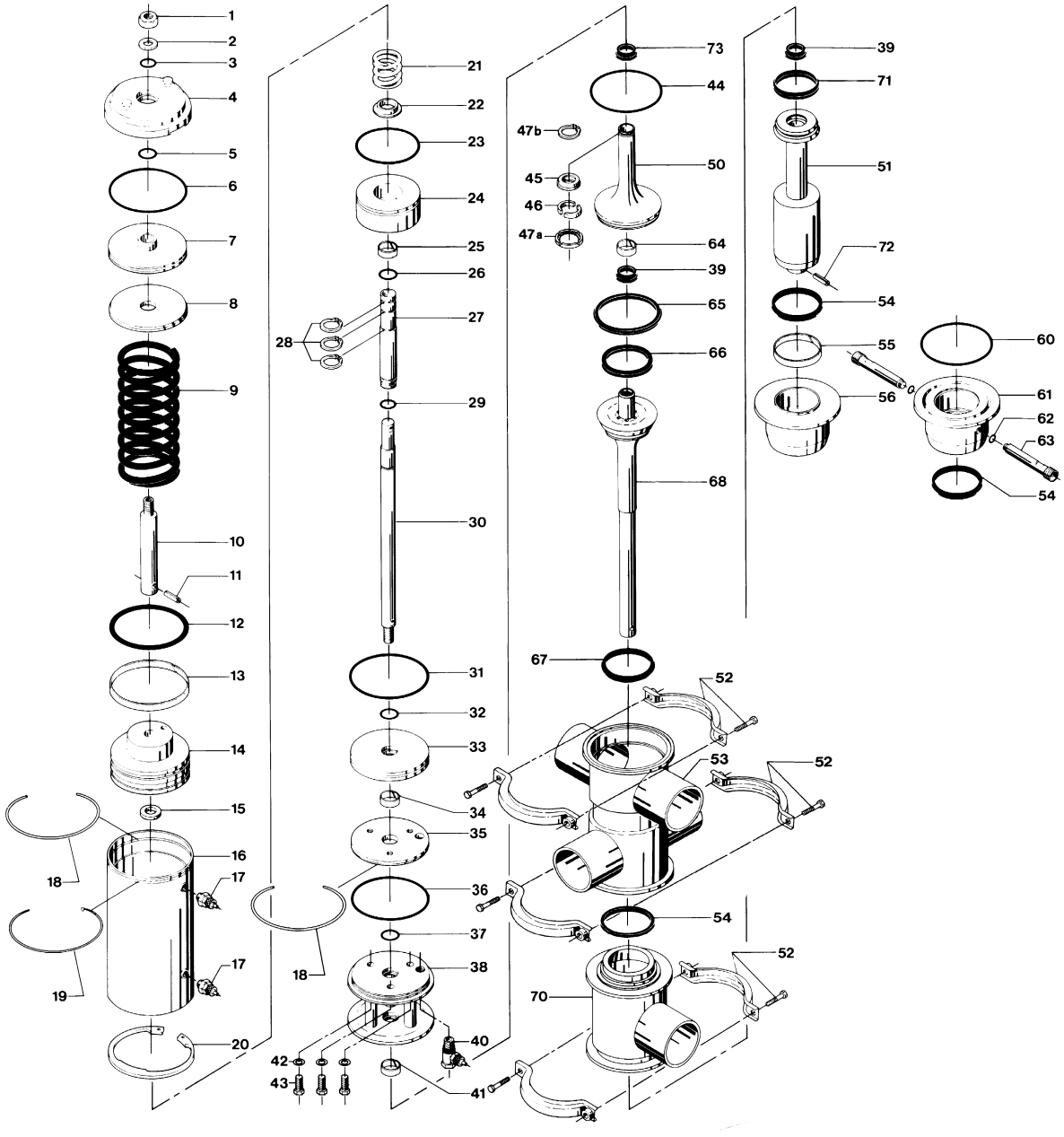
(Same drawing as on page 8)



Surface roughness, inside of valve body: Ra ≤ 0.8 µm inside

Pos.	Qty.	Denomination	NW 125	NW 150
44	1	Valve body 11-00	9612-4629-21	9612-4631-21
	1	Valve body 12-00	9612-4629-22	9612-4631-22
	1	Valve body 21-00	9612-4629-23	9612-4631-23
	1	Valve body 22-00	9612-4629-24	9612-4631-24
	1	Valve body 11-90	9612-4629-25	9612-4631-25
	1	Valve body 12-90	9612-4629-26	9612-4631-26
	1	Valve body 21-90	9612-4629-27	9612-4631-27
	1	Valve body 22-90	9612-4629-28	9612-4631-28
	1	Valve body 11-180	9612-4629-29	9612-4631-29
	1	Valve body 11-270	9612-4629-30	9612-4631-30

Sanitary Mixproof Valve
Type SMP-SC - Three-bodied Version



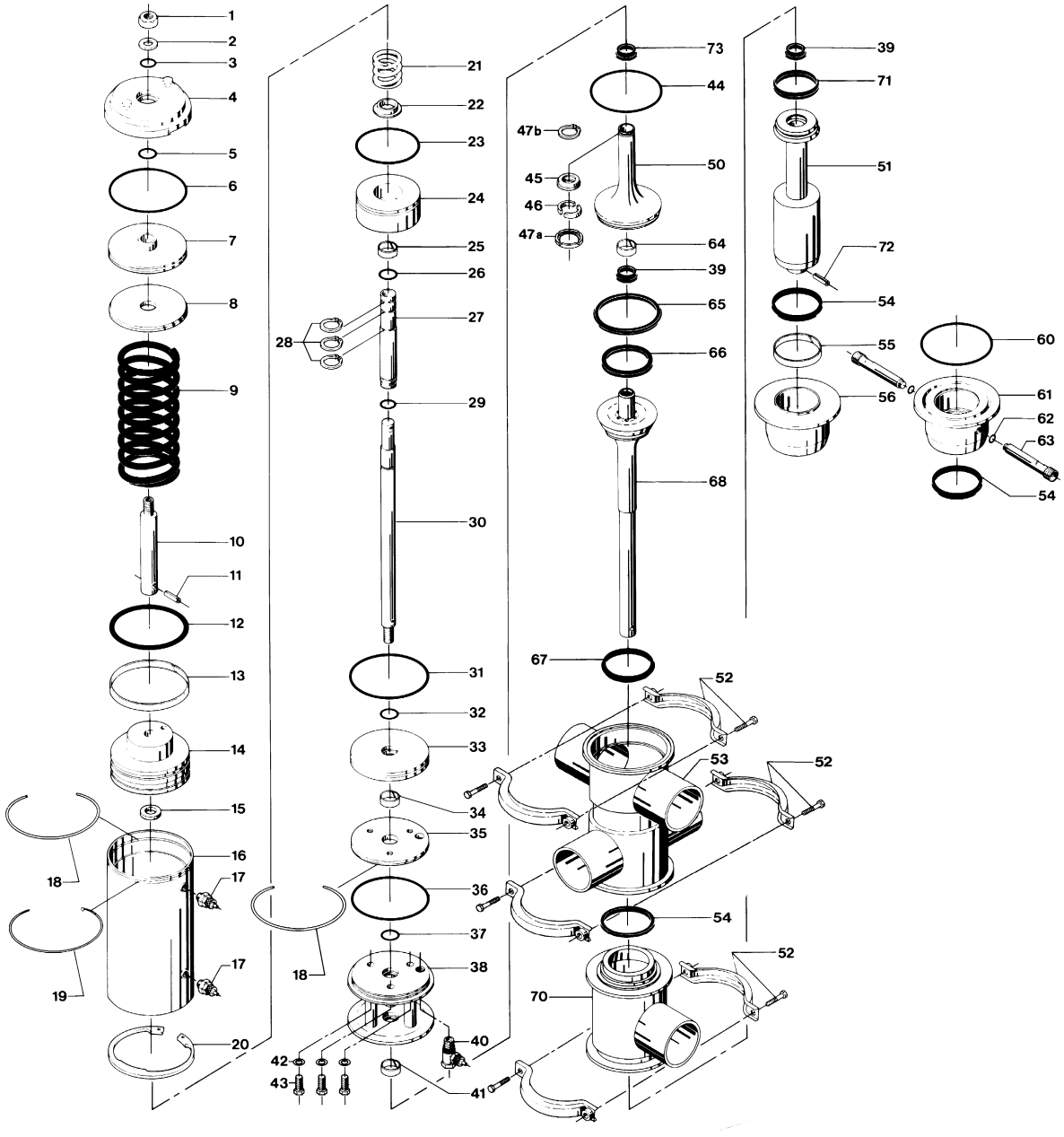
Reg.: 9805
Intro.: 9709

Pos.	Qty.	Denomination	51-76 mm NW50-65	101.6 mm NW80-100
1	1	Nut	9611-99-2576	9611-99-2576
2	1	Washer	9611-99-0706	9611-99-0706
3□	1	O-ring, NBR	9611-99-0096	9611-99-0096
4	1	Cylinder lid	9612-2916-01	9612-3121-01
5□	1	O-ring, NBR	223406-25	223406-25
6□	1	O-ring, NBR	260104-67	9611-99-2579
7	1	Upper piston	9612-2913-01	9612-3101-01
8	1	Flange	9612-2914-01	9612-3102-01
9	1	Spring	9612-2928-01	9612-3154-01
10	1	Upper piston rod	9612-2910-01	9612-3104-01
11	1	Pin	9611-99-2562	9611-99-1314
12□	1	O-ring, NBR	9611-99-2556	9611-99-2580
13	1	Guide ring, Turcite	9612-2926-01	9612-2926-08
14	1	Main piston	9612-2935-01	9612-3105-01
15	1	Support washer	9612-2911-01	
16	1	Cylinder	9612-2918-01	9612-3137-01
17	2	Air fitting	9611-99-2563	9611-99-2563
18	2	Retaining ring	9612-2929-01	9612-2929-02
19	1	Lock ring	9612-2930-01	9612-3132-01
20	1	Circlip	9611-99-2561	9611-99-2589
21	1	Spring	9612-2927-01	9612-3155-01
22	1	Spring support	9612-2912-01	9612-3106-01
23□	1	O-ring, NBR	9611-99-2568	9611-99-0643
24	1	Piston	9612-2906-01	9612-3107-01
25	1	Guide ring, Turcite		9612-2926-04
26□	1	O-ring, NBR	223406-25	9611-99-2582
27	1	Lower piston rod	9612-2959-01	9612-3134-01
28	3	Circlip	9611-99-2565	9611-99-2588
29□	1	O-ring, NBR	223404-31	223406-25
31□	1	O-ring, NBR	260104-67	9611-99-2580
32□	1	O-ring, NBR	223406-25	9611-99-2581
33	1	Lower piston	9612-2905-01	9612-3147-01
34	1	Guide ring, Turcite		9612-2926-10
35	1	Flange	9612-2915-01	9612-3120-01
36Δ○	1	O-ring, NBR	260104-67	9611-99-2579
37Δ○	1	O-ring, NBR	223406-25	9611-99-2581
38	1	Bonnet	9612-4285-01	9612-4257-01
39Δ○	2	Lip seal, EPDM (Standard)	9612-3205-01	9612-3168-01
	2	Lip seal, NBR	9612-3205-02	9612-3168-02
	2	Lip seal, FPM	9612-3205-03	9612-3168-03
40	1	Air fitting	9611-99-2564	9611-99-2564
41	1	Guide ring, PTFE	9612-2926-13	9612-2926-12
42Δ○	3	Washer	9611-99-2572	9611-99-2590
43	3	Screw	9611-99-0462	9611-99-1910
44Δ○	1	O-ring, EPDM (Standard)	9611-99-2931	9611-99-2934
	1	O-ring, NBR	9611-99-2932	9611-99-2935
	1	O-ring, FPM	9611-99-2933	9611-99-2936
45	1	Lock ring	9612-2983-01	9612-3136-01
46	2	Clamp ring	9612-2960-01	9612-3135-01
47a	1	Clip ring	31353-0727-1	
47b	1	Circlip		9611-99-2663
51	1	Lower plug	9612-3724-01	9612-3715-01
	1	Lower plug, EPDM (Pos.51+71)	9612-4092-01	9612-4092-04
	1	Lower plug, NBR (Pos.51+71)	9612-4092-02	9612-4092-05
	1	Lower plug, FPM (Pos.51+71)	9612-4092-03	9612-4092-06
52	3	Clamp complete	9611-31-105-5	9611-31-105-7
54Δ○	1	Double lip seal, EPDM (Standard)	9612-3175-01	9612-3204-01
	1	Double lip seal, NBR	9612-3175-02	9612-3204-02
	1	Double lip seal, FPM	9612-3175-03	9612-3204-03
55	1	Guide ring, PTFE	9612-2926-02	9612-2926-06
56	1	Balancing housing (Standard)	9612-3256-01	9612-3285-01
64	1	Guide ring	9612-2926-11	9612-2926-12

Recommended Spare Parts: **Service kit.**

Sanitary Mixproof Valve
Type SMP-SC - Three-bodied Version

(Same drawing as on page 14)



Pos.	Qty.	Denomination	51-76 mm NW50-65	101.6 mm NW80-100
65ΔO	1	Seal ring, EPDM, (Standard)	9612-3593-03	9612-3593-09
	1	Seal ring, NBR	9612-3593-01	9612-3593-07
	1	Seal ring, FPM	9612-3593-02	9612-3593-08
66ΔO	1	Seal ring, EPDM, (Standard)	9612-3594-06	9612-3594-03
	1	Seal ring, NBR	9612-3594-04	9612-3594-01
	1	Seal ring, FPM	9612-3594-05	9612-3594-02
67ΔO	1	Seal ring, EPDM (Standard)	9612-3593-06	9612-3593-12
	1	Seal ring, NBR	9612-3593-04	9612-3593-10
	1	Seal ring, FPM	9612-3593-05	9612-3593-11
69ΔO	1	Seal, EPDM (Std.)	9612-3205-04	9612-3168-04
	1	Seal, NBR	9612-3205-05	9612-3168-05
	1	Seal, FPM	9612-3205-06	9612-3168-06
71ΔO	1	Seal ring, EPDM (Standard)	9612-3593-15	9612-3593-18
	1	Seal ring, NBR	9612-3593-13	9612-3593-16
	1	Seal ring, FPM	9612-3593-14	9612-3593-17
72	1	Connex pin	9611-99-2743	9611-99-2742
73ΔO	1	Lip seal, EPDM (Standard)	9612-3175-04	9612-3204-04
	1	Lip seal, NBR	9612-3175-05	9612-3204-05
	1	Lip seal, FPM	9612-3175-06	9612-3204-06
Alternative				
CIP-kit for balancing plug complete, EPDM			9611-92-0137	9611-92-0138
54O	1	Double lip seal, EPDM (Standard)	9612-3175-01	9612-3204-01
55	1	Guide ring PTFE	9612-2926-02	9612-2926-06
60O	1	O-ring for CIP, EPDM	9611-99-2700	9611-99-2571
61	1	Balancing housing for CIP	9612-3255-01	9612-3286-01
62	2	O-ring, EPDM (Period 9603-)	9611-99-3119	9611-99-3119
	2	Washer, Nylon (Period 9501-9603)	9611-99-2566	9611-99-2566
63	2	Flushing tube (Period 9603-)	31357-1017-1	31357-1017-1
	2	Flushing tube (Period 9501-9603)	31357-1013-1	31357-1013-1

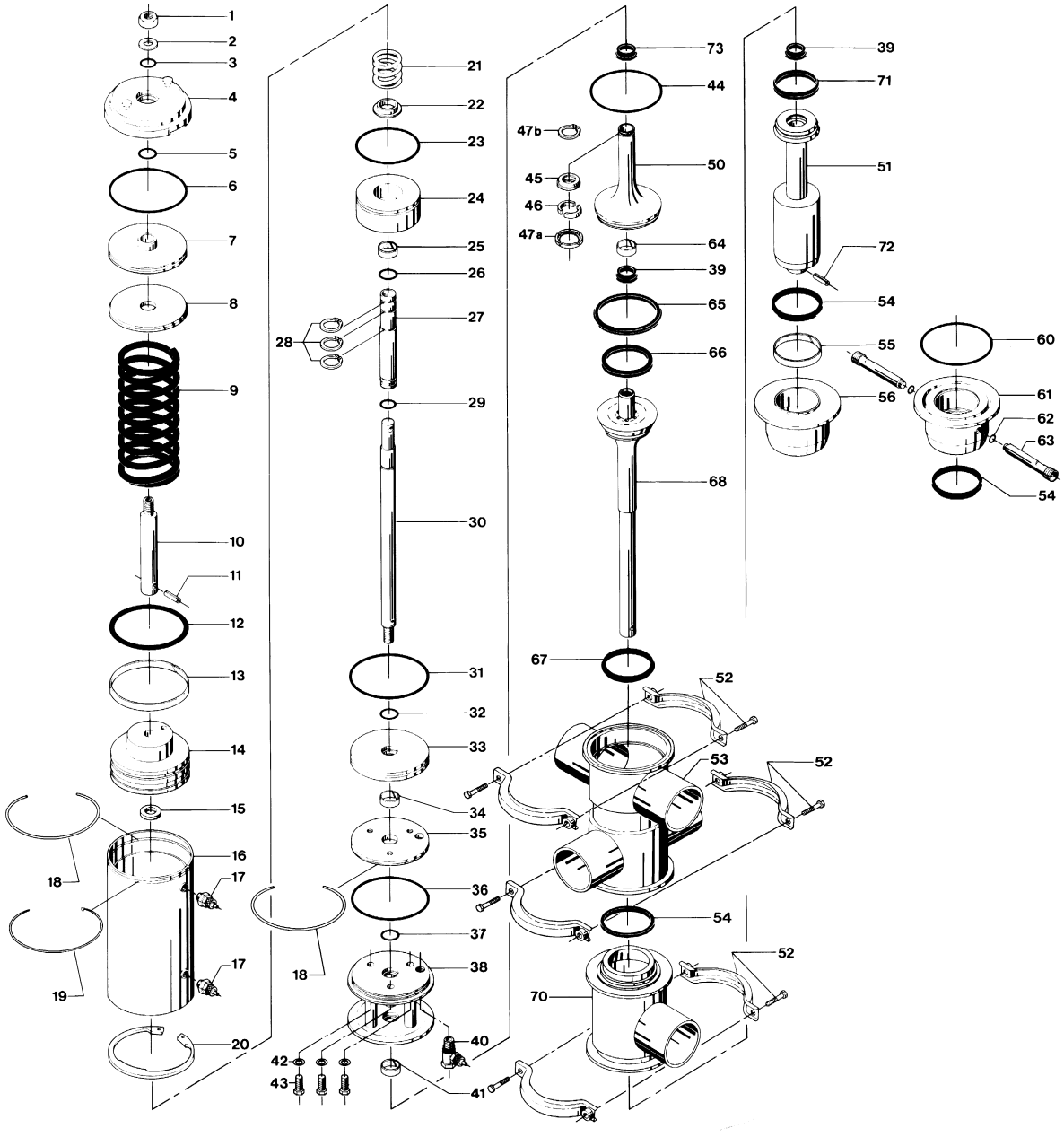
Pos.	Qty.	Denomination	51-76 mm NW50-65	101.6 mm NW80-100
Accessories				
	1	Tool complete for actuator	9612-3174-01	9612-3174-01
Service kit for actuator				
□	**1**	**Service kit A, NBR.**	9611-92-0127	9611-92-0130
Service kit for product wetted parts				
Δ	**1**	**Service kit B, EPDM.**	**9611-92-0256**	**9611-92-0259**
Δ	**1**	**Service kit B, NBR.**	**9611-92-0257**	**9611-92-0260**
Δ	**1**	**Service kit B, FPM.**	**9611-92-0258**	**9611-92-0261**
Service kit for valve with CIP-connection on balancing housing				
O	**1**	**Service kit C, EPDM.**	**9611-92-0262**	**9611-92-0265**
O	**1**	**Service kit C, NBR.**	**9611-92-0263**	**9611-92-0266**
O	**1**	**Service kit C, FPM.**	**9611-92-0264**	**9611-92-0267**

Parts marked with □ are included in **Service kit A.**
Parts marked with Δ are included in **Service kit B.**
Parts marked with O are included in **Service kit C.**

Pos.	Qty.	Denomination	51mm NW50	63.5mm NW65	76mm	NW80	101.6mm NW100
		Actuator complete (Pos. 1-38, 40-44, 73)	9612-4607-03	9612-4607-04	9612-4607-05	9612-4607-12	9612-4607-13
30	1	Inner stem	9612-4276-01	9612-4276-02	9612-4276-03	9612-4276-06	9612-4276-07
50	1	Upper plug	9612-4301-01	9612-4301-02	9612-4301-03	9612-4274-03	9612-4274-04
	1	Upper plug, EPDM (Pos.39+50+64+65+66)	9612-4300-01	9612-4300-04	9612-4300-07	9612-4275-07	9612-4275-10
	1	Upper plug, NBR (Pos.39+50+64+65+66)	9612-4300-02	9612-4300-05	9612-4300-08	9612-4275-08	9612-4275-11
	1	Upper plug, FPM (Pos.39+50+64+65+66)	9612-4300-03	9612-4300-06	9612-4300-09	9612-4275-09	9612-4275-12
68	1	Middle plug	9612-3720-03	9612-3720-04	9612-3720-05	9612-3711-02	9612-3711-03
	1	Middle plug, EPDM (Pos. 68 + 67)	9612-4091-10	9612-4091-13	9612-4091-16	9612-4091-19	9612-4091-22
	1	Middle plug, NBR (Pos. 68 + 67)	9612-4091-11	9612-4091-14	9612-4091-17	9612-4091-20	9612-4091-23
	1	Middle plug, FPM (Pos. 68 + 67)	9612-4091-12	9612-4091-15	9612-4091-18	9612-4091-21	9612-4091-24

Sanitary Mixproof Valve
Type SMP-SC - Three-bodied Version

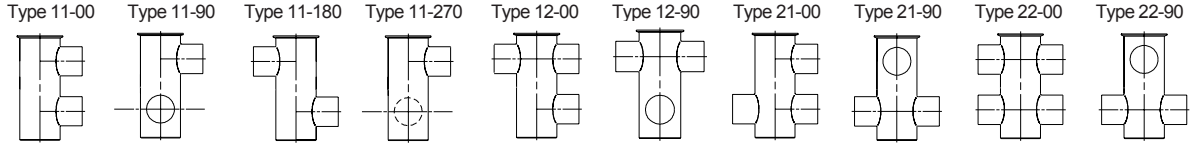
(Same drawing as on page 14)



Pos.	Qty.	Denomination	51 mm	63.5 mm	76 mm	101.6 mm
53	1	Valve body 11-00	9612-5258-03	9612-5258-13	9612-5258-23	9612-5260-03
	1	Valve body 12-00	9612-5258-04	9612-5258-14	9612-5258-24	9612-5260-04
	1	Valve body 21-00	9612-5258-07	9612-5258-17	9612-5258-27	9612-5260-07
	1	Valve body 22-00	9612-5258-08	9612-5258-18	9612-5258-28	9612-5260-08
	1	Valve body 11-90	9612-5258-05	9612-5258-15	9612-5258-25	9612-5260-05
	1	Valve body 12-90	9612-5258-06	9612-5258-16	9612-5258-26	9612-5260-06
	1	Valve body 21-90	9612-5258-09	9612-5258-19	9612-5258-29	9612-5260-09
	1	Valve body 22-90	9612-5258-10	9612-5258-20	9612-5258-30	9612-5260-10
	1	Valve body 11-180	9612-5258-01	9612-5258-11	9612-5258-21	9612-5260-01
	1	Valve body 11-270	9612-5258-02	9612-5258-12	9612-5258-22	9612-5260-02
70	1	Lower valve body, 1 port	9612-3735-01	9612-3735-02	9612-3735-03	9612-3730-01
	1	Lower valve body, 2 port	9612-3735-04	9612-3735-05	9612-3735-06	9612-3730-05

Pos.	Qty.	Denomination	NW 50	NW 65	NW80	NW100
53	1	Valve body 11-00	9612-5259-03	9612-5259-23	9612-5261-03	9612-5261-23
	1	Valve body 12-00	9612-5259-04	9612-5259-24	9612-5261-04	9612-5261-24
	1	Valve body 21-00	9612-5259-07	9612-5259-27	9612-5261-07	9612-5261-27
	1	Valve body 22-00	9612-5259-08	9612-5259-28	9612-5261-08	9612-5261-28
	1	Valve body 11-90	9612-5259-05	9612-5259-25	9612-5261-05	9612-5261-25
	1	Valve body 12-90	9612-5259-06	9612-5259-26	9612-5261-06	9612-5261-26
	1	Valve body 21-90	9612-5259-09	9612-5259-29	9612-5261-09	9612-5261-29
	1	Valve body 22-90	9612-5259-10	9612-5259-30	9612-5261-10	9612-5261-30
	1	Valve body 11-180	9612-5259-01	9612-5259-21	9612-5261-01	9612-5261-21
	1	Valve body 11-270	9612-5259-02	9612-5259-22	9612-5261-02	9612-5261-22
70	1	Lower valve body, 1 port	9612-3736-01	9612-3736-02	9612-3731-02	9612-3731-01
	1	Lower valve body, 2 port	9612-3736-04	9612-3736-05	9612-3731-06	9612-3731-05

Valve body combinations:

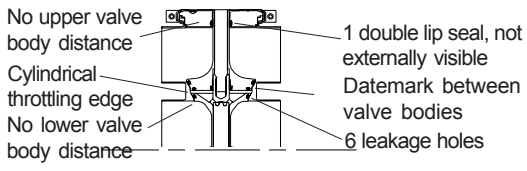


Surface roughness, inside of valve body: Ra ≤ 0.8 µm

Pos.	Qty.	Denomination	51 mm	63.5 mm	76 mm	101.6 mm
53	1	Valve body 11-00	9612-5257-03	9612-5257-13	9612-5257-23	9612-5260-13
	1	Valve body 12-00	9612-5257-04	9612-5257-14	9612-5257-24	9612-5260-14
	1	Valve body 21-00	9612-5257-07	9612-5257-17	9612-5257-27	9612-5260-17
	1	Valve body 22-00	9612-5257-08	9612-5257-18	9612-5257-28	9612-5260-18
	1	Valve body 11-90	9612-5257-05	9612-5257-15	9612-5257-25	9612-5260-15
	1	Valve body 12-90	9612-5257-06	9612-5257-16	9612-5257-26	9612-5260-16
	1	Valve body 21-90	9612-5257-09	9612-5257-19	9612-5257-29	9612-5260-19
	1	Valve body 22-90	9612-5257-10	9612-5257-20	9612-5257-30	9612-5260-20
	1	Valve body 11-180	9612-5257-01	9612-5257-11	9612-5257-21	9612-5260-11
	1	Valve body 11-270	9612-5257-02	9612-5257-12	9612-5257-22	9612-5260-12
70	1	Lower valve body, 1 port	9612-3735-01	9612-3735-02	9612-3735-03	9612-3730-01
	1	Lower valve body, 2 port	9612-3735-04	9612-3735-05	9612-3735-06	9612-3730-05

Pos.	Qty.	Denomination	NW 50	NW 65	NW80	NW100
53	1	Valve body 11-00	9612-5259-13	9612-5259-33	9612-5261-03	9612-5261-33
	1	Valve body 12-00	9612-5259-14	9612-5259-34	9612-5261-04	9612-5261-34
	1	Valve body 21-00	9612-5259-17	9612-5259-37	9612-5261-07	9612-5261-37
	1	Valve body 22-00	9612-5259-18	9612-5259-38	9612-5261-08	9612-5261-38
	1	Valve body 11-90	9612-5259-15	9612-5259-35	9612-5261-05	9612-5261-35
	1	Valve body 12-90	9612-5259-16	9612-5259-36	9612-5261-06	9612-5261-36
	1	Valve body 21-90	9612-5259-19	9612-5259-39	9612-5261-09	9612-5261-39
	1	Valve body 22-90	9612-5259-20	9612-5259-40	9612-5261-10	9612-5261-40
	1	Valve body 11-180	9612-5259-11	9612-5259-31	9612-5261-01	9612-5261-31
	1	Valve body 11-270	9612-5259-12	9612-5259-32	9612-5261-02	9612-5261-32
70	1	Lower valve body, 1 port	9612-3736-01	9612-3736-02	9612-3731-02	9612-3731-01
	1	Lower valve body, 2 port	9612-3736-04	9612-3736-05	9612-3731-06	9612-3731-05

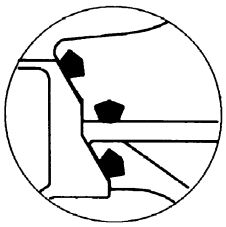
3. (Period 9709 -)



Sanitary Mixproof Valve
Type SMP-SC - Tool for Plug Seals

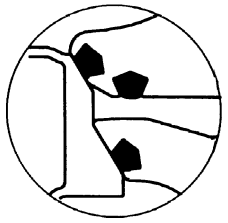
Tool for plug seals (six holes in lower plug, date marked body)

Pos.	Qty.	Denomination	51-76 mm NW 50-65 9612-3856-01	101.6 mm NW 80-100 9612-3856-02	NW 125-150 9612-4856-01
1	1	Outer guide ring	9612-3909-01	9612-3909-02	9612-4675-01
2	1	Inner guide ring	9612-3680-01	9612-3680-02	9612-4673-01
3	1	Piston ring	9612-3602-01	9612-3602-02	9612-4674-01
4	1	Tool housing	9612-3600-01	9612-3600-02	9612-4679-01
5	1	Guide ring	9612-3683-02	9612-3684-02	9612-4671-01
6	1	Tube	9612-2968-01	9612-2968-02	9612-4932-01



Extra tool for lower plug seals (three-bodied version)

Pos	Qty.	Denomination	51-76 mm NW 50-65 9612-3722-01	101.6 mm NW 80-100 9612-3722-02
1	1	Outher guide ring	9612-3729-01	9612-3729-02
2	1	Inner guide ring	9612-3743-01	9612-3743-02



Tool for plug seals (two holes in lower plug, before 9310)

Pos	Qty.	Denomination	51-76 mm NW 50-65 9612-3857-01	101.6 mm NW 80-100 9612-3857-02
1	1	Outher guide ring	9612-3601-01	9612-3601-02
2	1	Inner guide ring	9612-3680-01	9612-3680-02
3	1	Piston ring	9612-3602-01	9612-3602-02
4	1	Tool housing	9612-3600-01	9612-3600-02
5	1	Guide ring	9612-3683-01	9612-3684-01
6	1	Tube	9612-2968-01	9612-2968-02
7	1	Support part	9612-3681-01	9612-3682-01

How to contact Alfa Laval
Contact details for all countries are continually updated on our website. Please visit www.alfalaval.com to access the information direct.