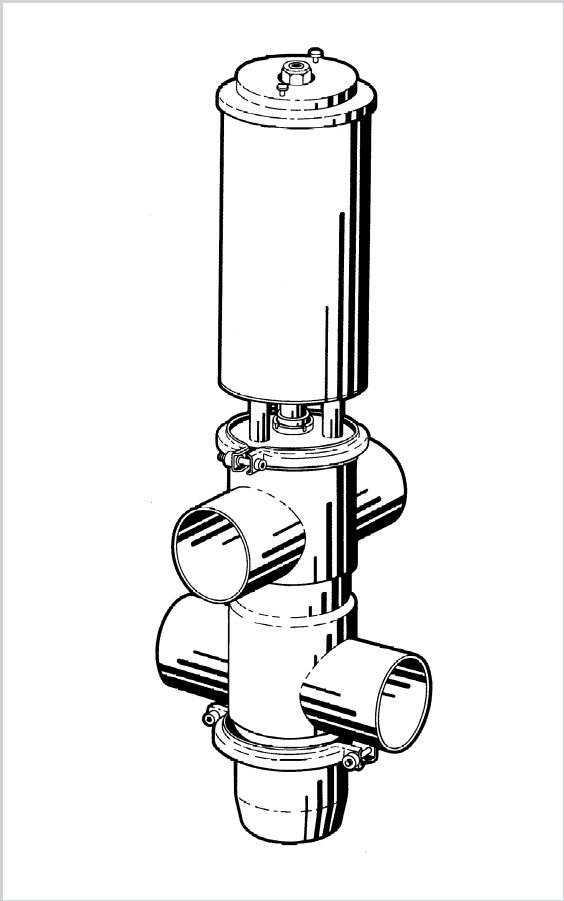
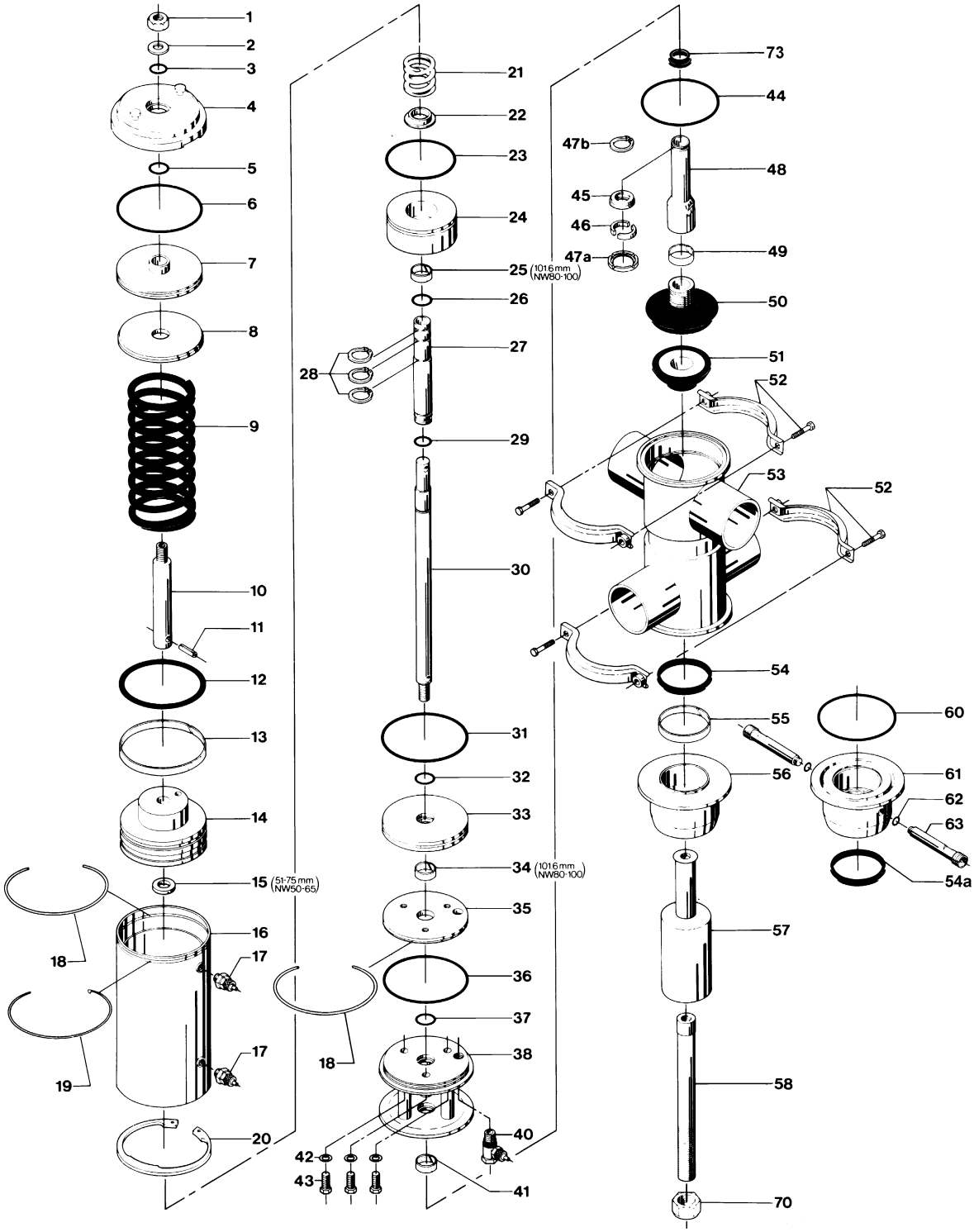
SP70770-GB5
9807

Spare Parts

SMP-SC Sanitary Mixproof Valve with Bonded Plugs



Sanitary Mixproof Valve
Type SMP-SC - Bonded Plug



Not manufactured anymore

Reg.: 9805
Intro.: 9410

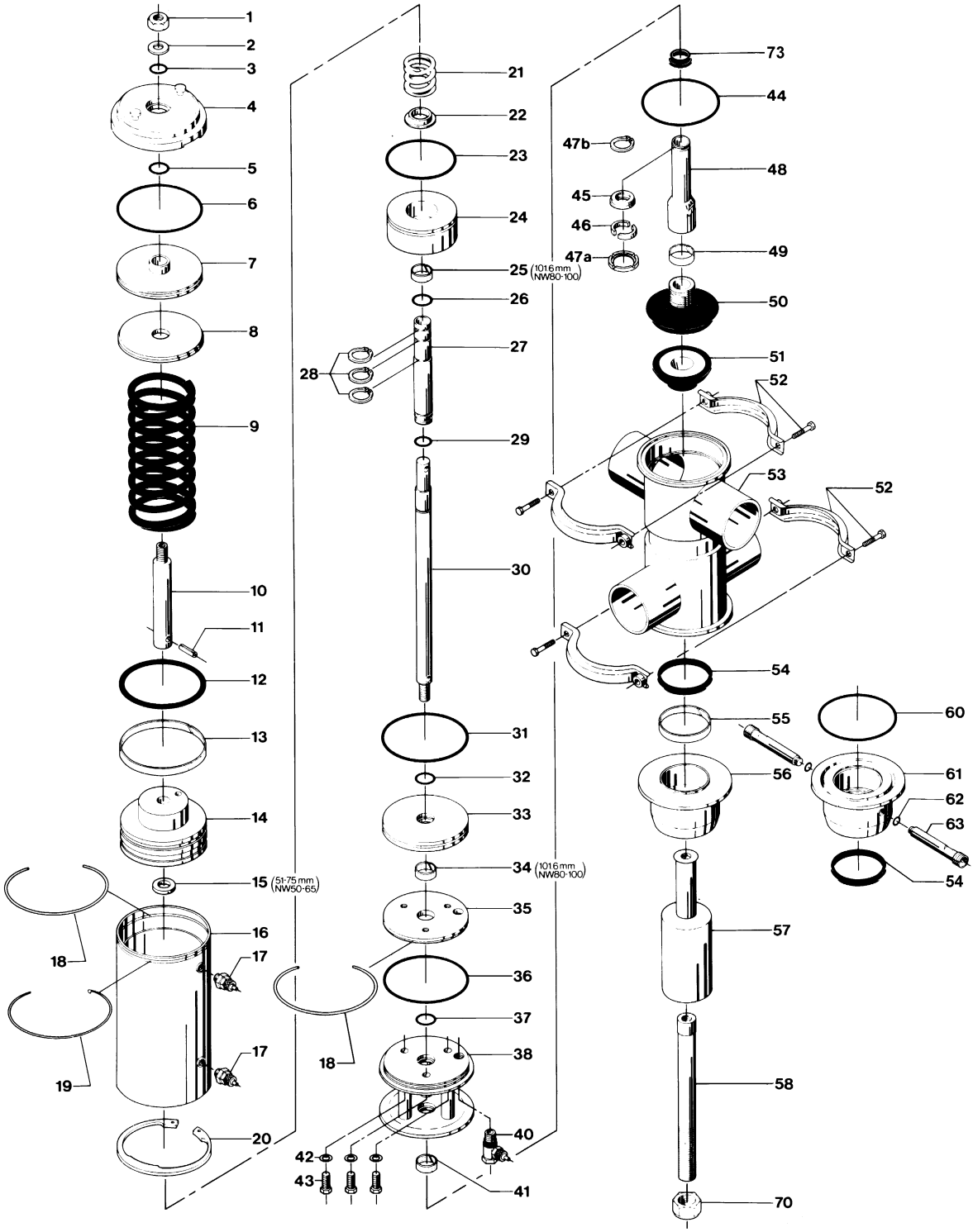
Sanitary Mixproof Valve
Type SMP-SC - Bonded Plug

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
36ΔO	1	O-ring, NBR	260104-67	9611-99-2579
37ΔO	1	O-ring, NBR	223406-25	9611-99-2581
38	1	Bonnet	9612-4285-01	9612-4257-01
40	1	Air fitting	9611-99-2564	9611-99-2564
41	1	Guide ring, PTFE	9612-2926-13	9612-2926-12
42ΔO	3	Washer	9611-99-2572	9611-99-2590
43	3	Screw	9611-99-0462	9611-99-1910
44ΔO	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
49	1	Guide ring, PTFE	9612-2926-15	9612-2926-05
50	1	Upper plug, EPDM (Standard)	9612-4322-01	9612-3125-01
	1	Upper plug, NBR	9612-4322-02	9612-3125-02
	1	Upper plug, FPM	9612-4322-03	9612-3125-03
51	1	Lower plug, EPDM (Standard)	9612-2903-01	9612-3124-01
	1	Lower plug, NBR	9612-2903-02	9612-3124-02
	1	Lower plug, FPM	9612-2903-03	9612-3124-03
52	2	Clamp complete	9611-31-105-5	9611-31-105-7
54ΔO	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)	9612-4348-01	9612-4350-01
57	1	Balancing cylinder	9612-3233-01	9612-3272-01

Recommended Spare Parts: **Service kit.**

Sanitary Mixproof Valve
Type SMP-SC - Bonded Plug

(Same drawing as on page 2)



Not manufactured anymore

Sanitary Mixproof Valve
Type SMP-SC - Bonded Plug

Pos.	Qty.	Denomination	51-76 mm NW50-65	101.6 mm NW80-100
58	1	Lower inner spindle	9612-4424-01	9612-4423-01
70	1	Nut	9611-99-2968	9611-99-2967
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			9611-92-0236	9611-92-0237
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	9612-4349-01	9612-4351-01
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 (Pos. 1+44+73)	9612-4607-07	9612-4607-08	9612-4607-09	9612-4607-15	9612-4607-16
30	1	Inner stem	9612-4276-08	9612-4276-09	9612-4276-10	9612-4276-13	9612-4276-14
48	1	Lower stem	9612-4321-01	9612-4321-02	9612-4321-03	9612-4265-03	9612-4265-04

Pos.	Qty.	Denomination	51 mm	63.5 mm	76 mm	101.6 mm	NW50
53	1	Valve body 11-00	9612-4290-01	9612-4290-05	9612-4290-09	9612-4260-05	9612-4289-01
	1	Valve body 12-00	9612-4290-02	9612-4290-06	9612-4290-10	9612-4260-06	9612-4289-02
	1	Valve body 21-00	9612-4290-03	9612-4290-07	9612-4290-11	9612-4260-07	9612-4289-03
	1	Valve body 22-00	9612-4290-04	9612-4290-08	9612-4290-12	9612-4260-08	9612-4289-04
	1	Valve body 11-90	9612-4290-13	9612-4290-17	9612-4290-21	9612-4260-21	9612-4289-13
	1	Valve body 12-90	9612-4290-14	9612-4290-18	9612-4290-22	9612-4260-22	9612-4289-14
	1	Valve body 21-90	9612-4290-15	9612-4290-19	9612-4290-23	9612-4260-23	9612-4289-15
	1	Valve body 22-90	9612-4290-16	9612-4290-20	9612-4290-24	9612-4260-24	9612-4289-16
	1	Valve body 11-180	9612-4290-25	9612-4290-26	9612-4290-27	9612-4260-34	9612-4289-25
	1	Valve body 11-270	9612-4290-28	9612-4290-29	9612-4290-30	9612-4260-38	9612-4289-28

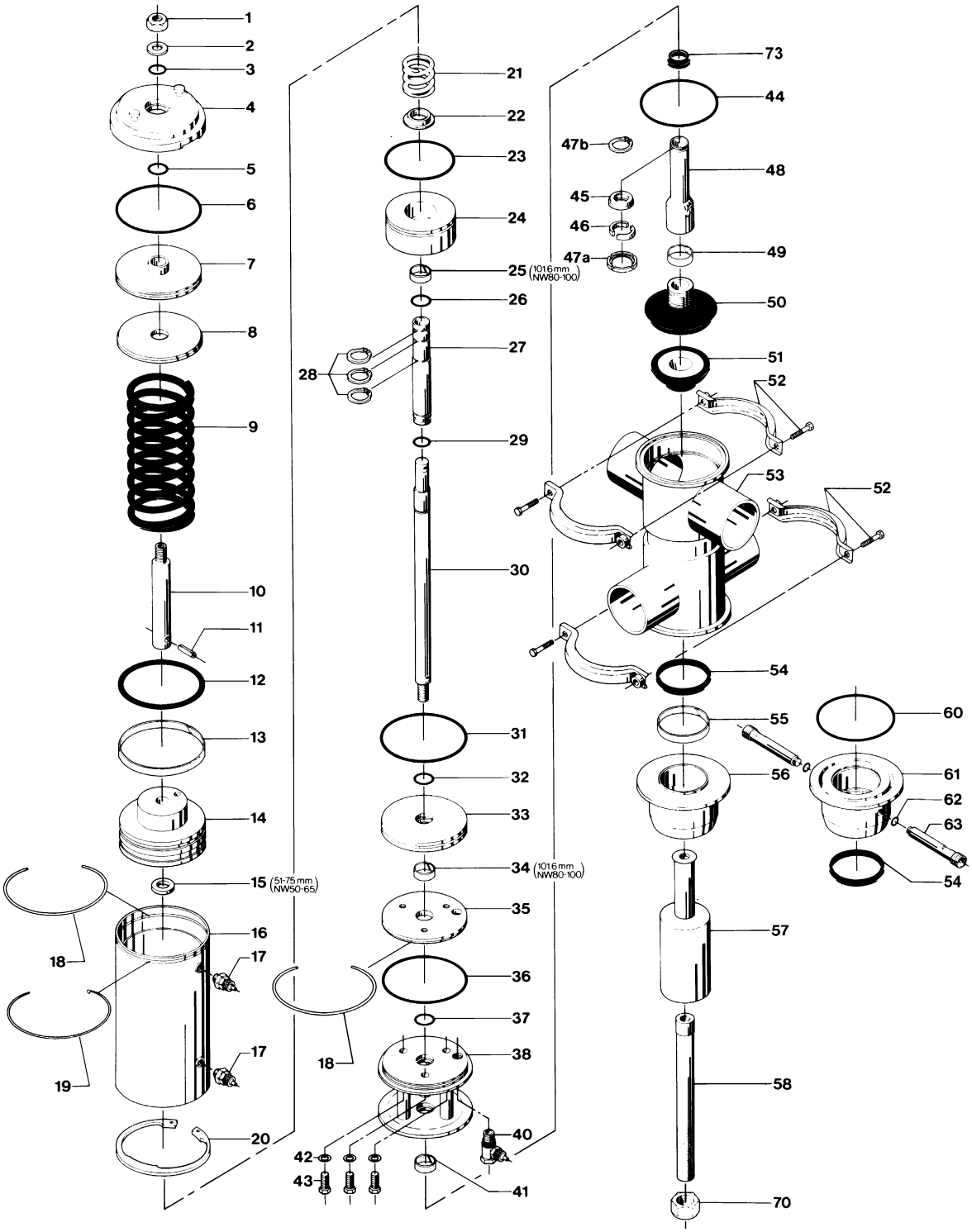
Pos.	Qty.	Denomination	NW65	NW80	NW100
53	1	Valve body 11-00	9612-4289-05	9612-4260-09	9612-4260-13
	1	Valve body 12-00	9612-4289-06	9612-4260-10	9612-4260-14
	1	Valve body 21-00	9612-4289-07	9612-4260-11	9612-4260-15
	1	Valve body 22-00	9612-4289-08	9612-4260-12	9612-4260-16
	1	Valve body 11-90	9612-4289-17	9612-4260-25	9612-4260-29
	1	Valve body 12-90	9612-4289-18	9612-4260-26	9612-4260-30
	1	Valve body 21-90	9612-4289-19	9612-4260-27	9612-4260-31
	1	Valve body 22-90	9612-4289-20	9612-4260-28	9612-4260-32
	1	Valve body 11-180	9612-4289-26	9612-4260-35	9612-4260-36
	1	Valve body 11-270	9612-4289-29	9612-4260-39	9612-4260-40

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				
Δ	1	**Service kit B, EPDM.**	9611-92-0224	9611-92-0227
Δ	1	**Service kit B, NBR.**	9611-92-0225	9611-92-0228
Δ	1	**Service kit B, FPM.**	9611-92-0226	9611-92-0229
Service kit for valve with CIP-connection on balancing housing				
O	1	**Service kit C, EPDM.**	9611-92-0230	9611-92-0233
O	1	**Service kit C, NBR.**	9611-92-0231	9611-92-0234
O	1	**Service kit C, FPM.**	9611-92-0232	9611-92-0235

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.**

Sanitary Mixproof Valve
Type SMP-SC - Bonded Plug

(Same drawing as on page 2)



Not manufactured anymore

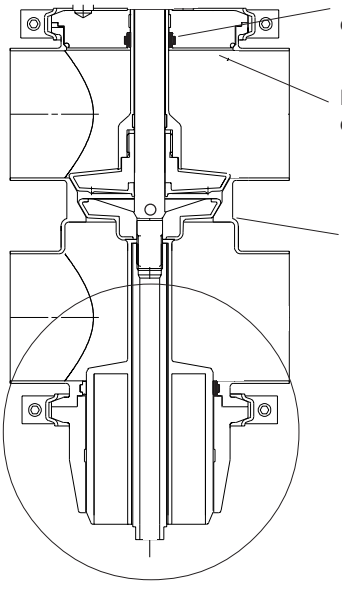
Reg.: 9805
Intro.: 9410

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

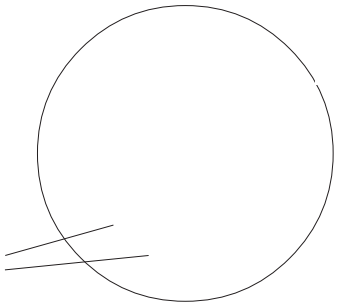
Pos.	Qty.	Denomination	51 mm	63.5 mm	76 mm	101.6 mm
53	1	Valve body 11-00	9612-4616-01	9612-4616-05	9612-4616-09	9612-4618-05
	1	Valve body 12-00	9612-4616-02	9612-4616-06	9612-4616-10	9612-4618-06
	1	Valve body 21-00	9612-4612-03	9612-4616-07	9612-4616-11	9612-4618-07
	1	Valve body 22-00	9612-4616-04	9612-4616-08	9612-4616-12	9612-4618-08
	1	Valve body 11-90	9612-4616-13	9612-4616-17	9612-4616-21	9612-4618-21
	1	Valve body 12-90	9612-4616-14	9612-4616-18	9612-4616-22	9612-4618-22
	1	Valve body 21-90	9612-4616-15	9612-4616-19	9612-4616-23	9612-4618-23
	1	Valve body 22-90	9612-4616-16	9612-4616-20	9612-4616-24	9612-4618-24
	1	Valve body 11-180	9612-4616-25	9612-4616-26	9612-4616-27	9612-4618-34
	1	Valve body 11-270	9612-4616-28	9612-4616-29	9612-4616-30	9612-4618-38

Pos.	Qty.	Denomination	NW 50	NW 65	NW 80	NW 100
53	1	Valve body 11-00	9612-4614-01	9612-4614-05	9612-4618-09	9612-4618-13
	1	Valve body 12-00	9612-4614-02	9612-4614-06	9612-4618-10	9612-4618-14
	1	Valve body 21-00	9612-4614-03	9612-4614-07	9612-4618-11	9612-4618-15
	1	Valve body 22-00	9612-4614-04	9612-4614-08	9612-4618-12	9612-4618-16
	1	Valve body 11-90	9612-4614-13	9612-4614-17	9612-4618-25	9612-4618-29
	1	Valve body 12-90	9612-4614-14	9612-4614-18	9612-4618-26	9612-4618-30
	1	Valve body 21-90	9612-4614-15	9612-4614-19	9612-4618-27	9612-4618-31
	1	Valve body 22-90	9612-4614-16	9612-4614-20	9612-4618-28	9612-4618-32
	1	Valve body 11-180	9612-4614-25	9612-4614-26	9612-4618-35	9612-4618-36
	1	Valve body 11-270	9612-4614-28	9612-4614-29	9612-4618-39	9612-4618-40

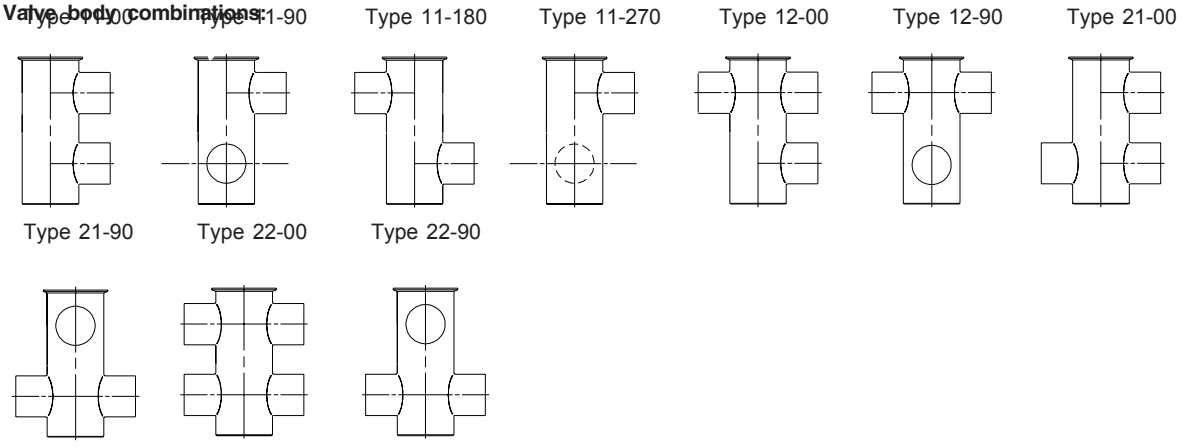
2. (Period 9410 - 9708)



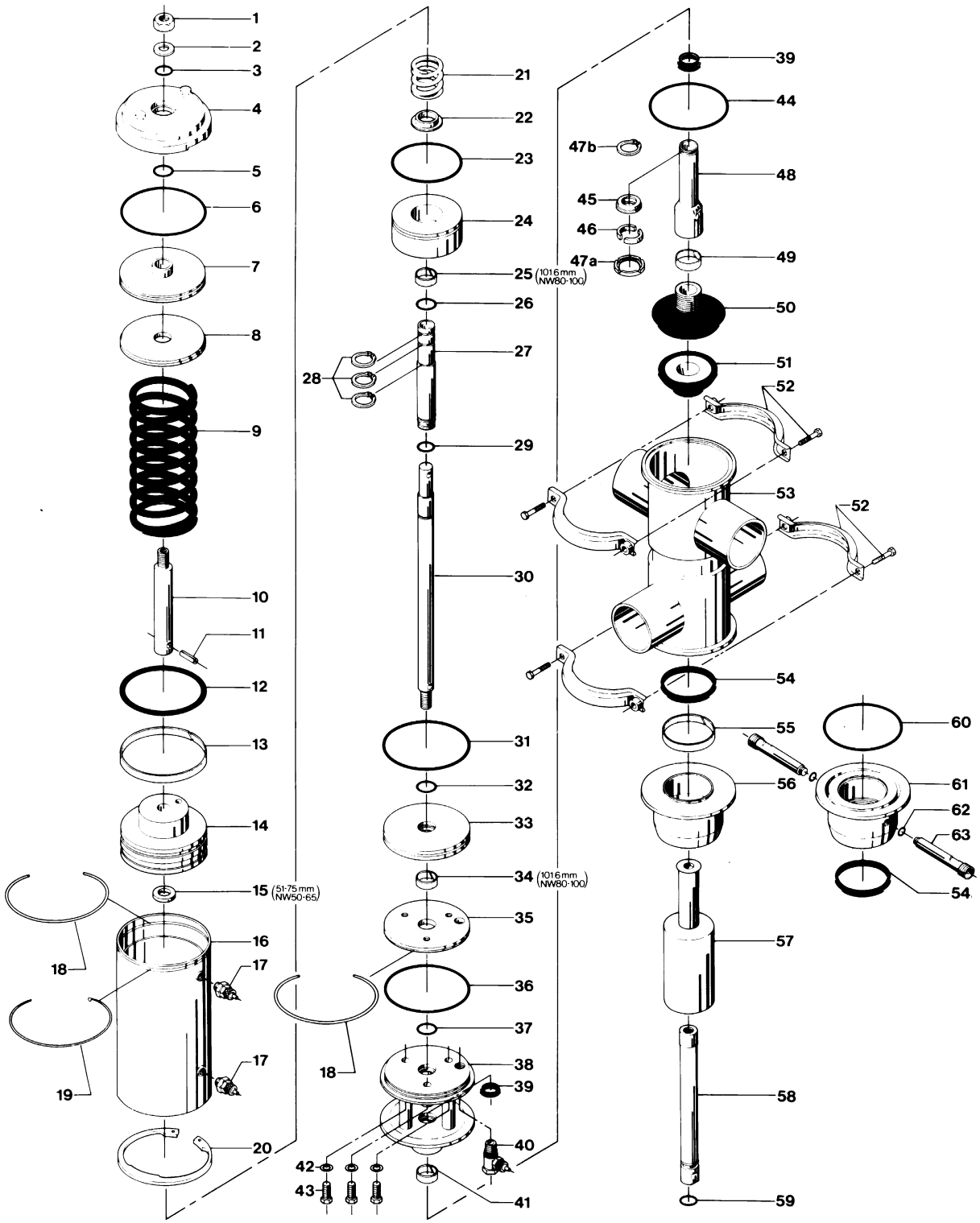
NOTE!
After the October 1994 version the SMP-SC with bonded plug has been altered: the lower valve plug is now secured with a screw and a new balancing housing



Valve body combinations:



Sanitary Mixproof Valve
Type SMP-SC - Bonded Plug



Not manufactured anymore

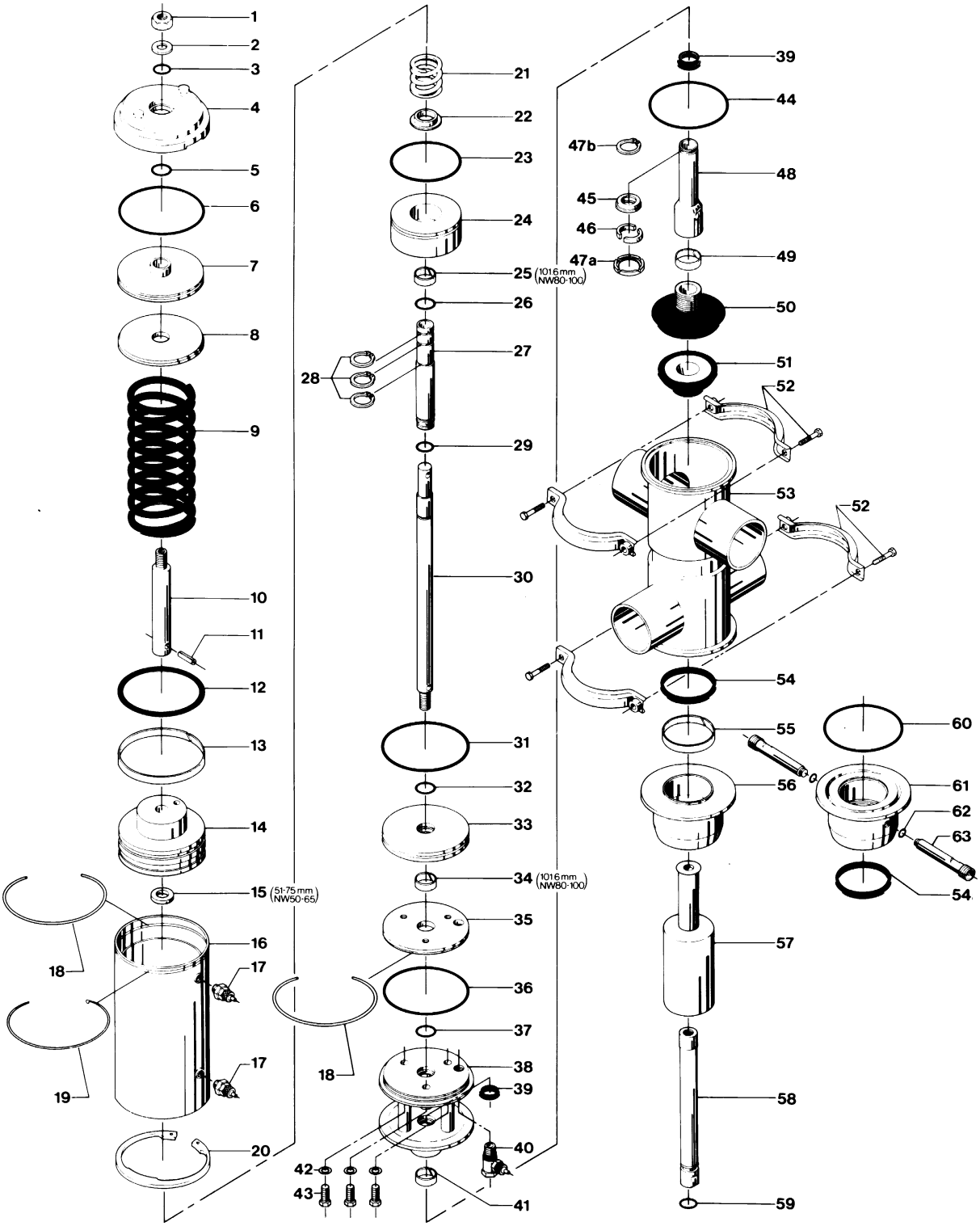
Sanitary Mixproof Valve
Type SMP-SC - Bonded Plug

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	223101-35	223101-35
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
30	1	Inner stem	9612-2907-01	9612-3131-01
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
36ΔO	1	O-ring, NBR	260104-67	9611-99-2579
37ΔO	1	O-ring, NBR	223406-25	9611-99-2581
38	1	Bonnet	9612-2919-01	9612-3144-01
39ΔO	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	9612-2926-07	9612-2926-09
42ΔO	3	Washer	9611-99-2572	9611-99-2590
43	3	Screw	9611-99-0462	9611-99-1910
44ΔO	1	O-ring, EPDM (Standard)	9611-99-2700	9611-99-2702
	1	O-ring, NBR	9611-99-2701	9611-99-2703
	1	O-ring, FPM	9611-99-2959	9611-99-2693
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
48	1	Lower stem	9612-2958-01	9612-3141-01
49	1	Guide ring, PTFE	9612-2926-03	9612-2926-05
50	1	Upper plug, EPDM (Standard)	9612-2908-01	9612-3125-01
	1	Upper plug, NBR	9612-2908-02	9612-3125-02
	1	Upper plug, FPM	9612-2908-03	9612-3125-03
51	1	Lower plug, EPDM (Standard)	9612-2903-01	9612-3124-01
	1	Lower plug, NBR	9612-2903-02	9612-3124-02
	1	Lower plug, FPM	9612-2903-03	9612-3124-03
52	2	Clamp complete	9611-31-105-5	9611-31-105-7
54ΔO	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

Not manufactured anymore

Sanitary Mixproof Valve
Type SMP-SC - Bonded Plug

(Same drawing as on page 8)



Not manufactured anymore

Sanitary Mixproof Valve
Type SMP-SC - Bonded Plug

Pos.	Qty.	Denomination	51-76 mm NW50-65	101.6 mm NW80-100
55	1	Guide ring, PTFE	9612-2926-02	9612-2926-06
56	1	Balancing housing (Standard)	9612-3256-01	9612-3285-01
57	1	Balancing cylinder	9612-3233-01	9612-3272-01
58	1	Lower inner spindle	9612-3355-01	9612-3278-01
59	1	O-ring, EPDM	9611-99-2662	9611-99-2578
Alternative				
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	9611-99-2702
61	1	Balancing housing for CIP	9612-3255-01	9612-3286-01
62	2	Washer, Nylon	9611-99-2566	9611-99-2566
63	2	Flushing tube	31357-1013-1	31357-1013-1
Accessories				
	1	Tool complete for actuator	9612-3174-01	9612-3174-01

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				
Δ	**1**	**Service kit B, EPDM**	**9611-92-0128**	**9611-92-0131**
Δ	**1**	**Service kit B, NBR**	**9611-92-0129**	**9611-92-0132**
Δ	**1**	**Service kit B, FPM**	**9611-92-0145**	**9611-92-0146**
Service kit for valve with CIP-connection on balancing housing				
❍	**1**	**Service kit C, EPDM**	**9611-92-0133**	**9611-92-0135**
❍	**1**	**Service kit C, NBR**	**9611-92-0134**	**9611-92-0136**
❍	**1**	**Service kit C, FPM**	**9611-92-0147**	**9611-92-0148**

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	51 mm	63.5 mm	76 mm	101.6 mm
53	1	Valve body 11-00	9612-3273-01	9612-3273-05	9612-3273-09	9612-3280-01
	1	Valve body 12-00	9612-3273-02	9612-3273-06	9612-3273-10	9612-3280-02
	1	Valve body 21-00	9612-3273-03	9612-3273-07	9612-3273-11	9612-3280-03
	1	Valve body 22-00	9612-3273-04	9612-3273-08	9612-3273-12	9612-3280-04
	1	Valve body 11-90	9612-3273-13	9612-3273-17	9612-3273-21	9612-3280-13
	1	Valve body 12-90	9612-3273-14	9612-3273-18	9612-3273-22	9612-3280-14
	1	Valve body 21-90	9612-3273-15	9612-3273-19	9612-3273-23	9612-3280-15
	1	Valve body 22-90	9612-3273-16	9612-3273-20	9612-3273-24	9612-3280-16
	1	Valve body 11-180	9612-3273-25	9612-3273-26	9612-3273-27	9612-3280-25
	1	Valve body 11-270	9612-3273-28	9612-3273-29	9612-3273-30	9612-3280-28

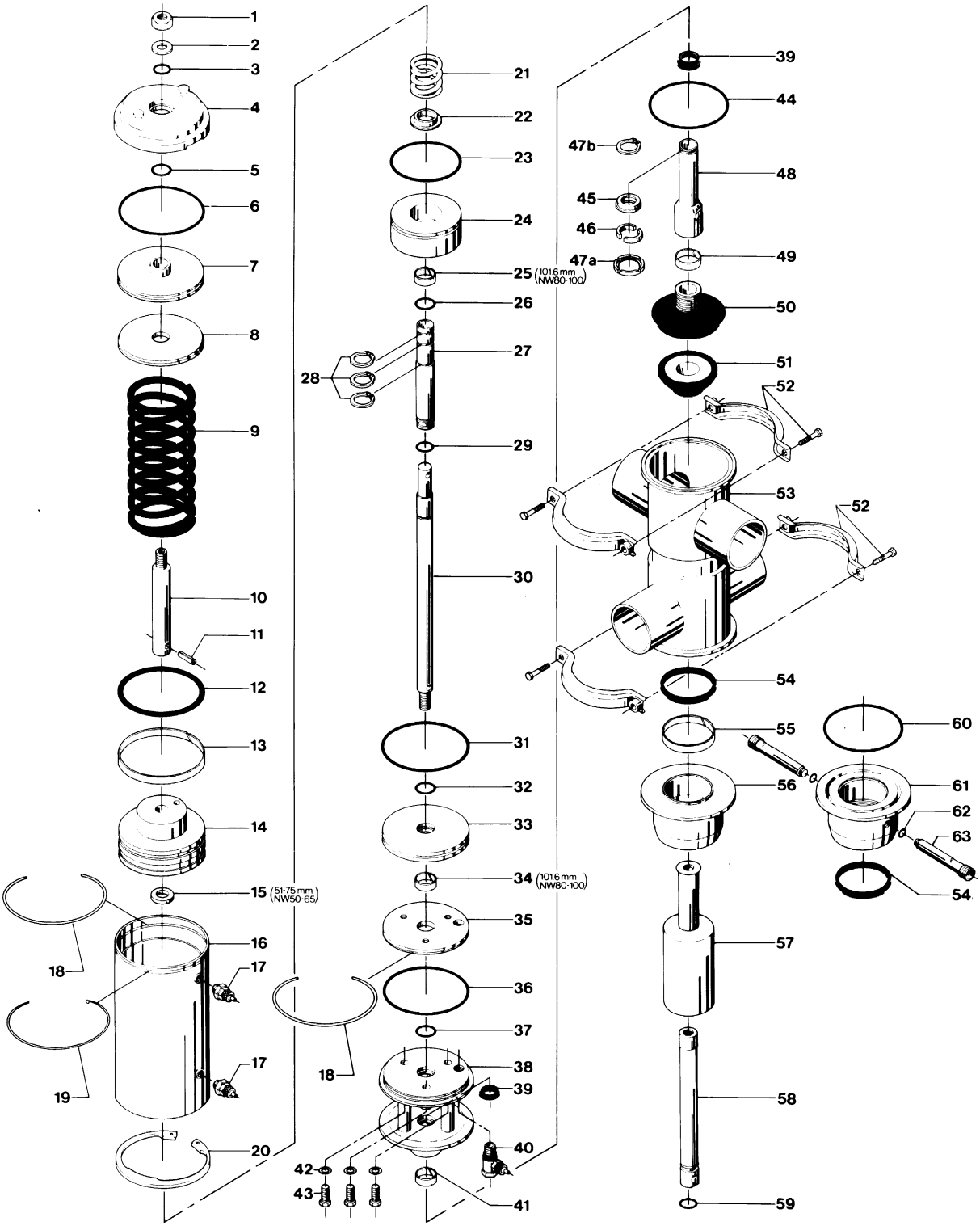
Pos.	Qty.	Denomination	NW 50	NW 65	NW80	NW100
53	1	Valve body 11-00	9612-3274-01	9612-3274-05	9612-3280-05	9612-3280-09
	1	Valve body 12-00	9612-3274-02	9612-3274-06	9612-3280-06	9612-3280-10
	1	Valve body 21-00	9612-3274-03	9612-3274-07	9612-3280-07	9612-3280-11
	1	Valve body 22-00	9612-3274-04	9612-3274-08	9612-3280-08	9612-3280-12
	1	Valve body 11-90	9612-3274-09	9612-3274-13	9612-3280-17	9612-3280-21
	1	Valve body 12-90	9612-3274-10	9612-3274-14	9612-3280-18	9612-3280-22
	1	Valve body 21-90	9612-3274-11	9612-3274-15	9612-3280-19	9612-3280-23
	1	Valve body 22-90	9612-3274-12	9612-3274-16	9612-3280-20	9612-3280-24
	1	Valve body 11-180	9612-3274-17	9612-3274-18	9612-3280-26	9612-3280-27
	1	Valve body 11-270	9612-3274-19	9612-3274-20	9612-3280-29	9612-3280-30

Not manufactured anymore

Recommended Spare Parts: **Service kit.**

Sanitary Mixproof Valve
Type SMP-SC - Bonded Plug

(Same drawing as on page 8)

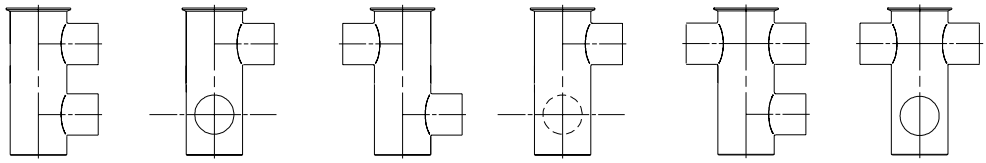


Not manufactured anymore

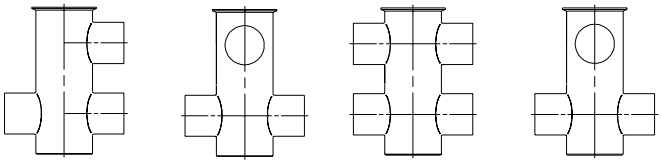
Sanitary Mixproof Valve
Type SMP-SC - Bonded Plug

Valve body combinations:

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

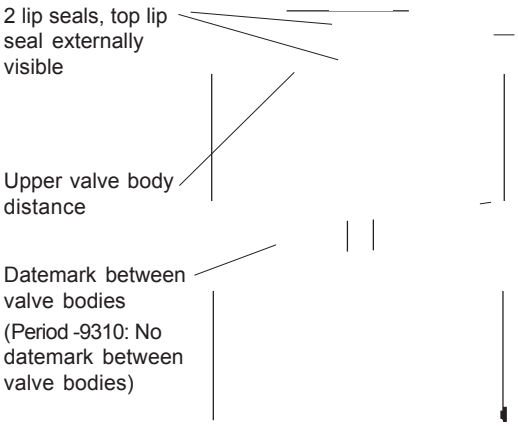


Type 21-00 Type 21-90 Type 22-00 Type 22-90



Not manufactured anymore

1. (Period - 9409)



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