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Spare Parts Manual

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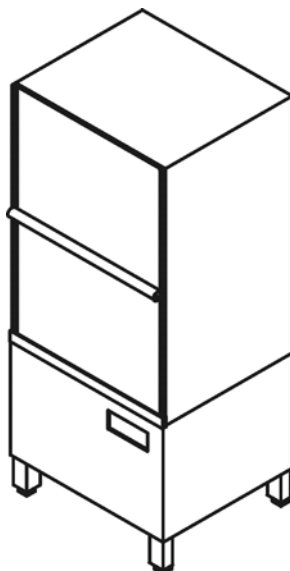
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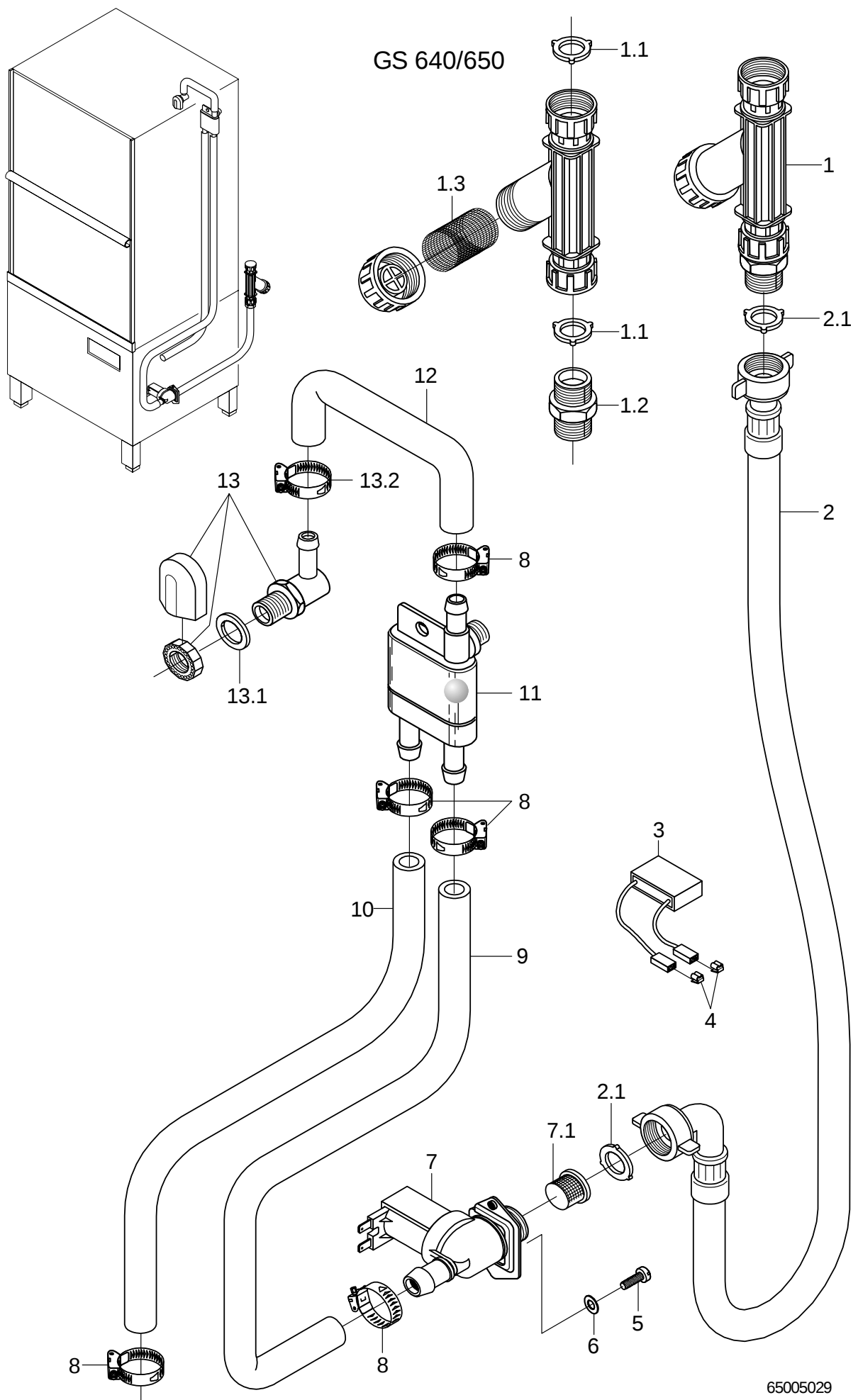
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Spare parts list GS 640 / GS 650



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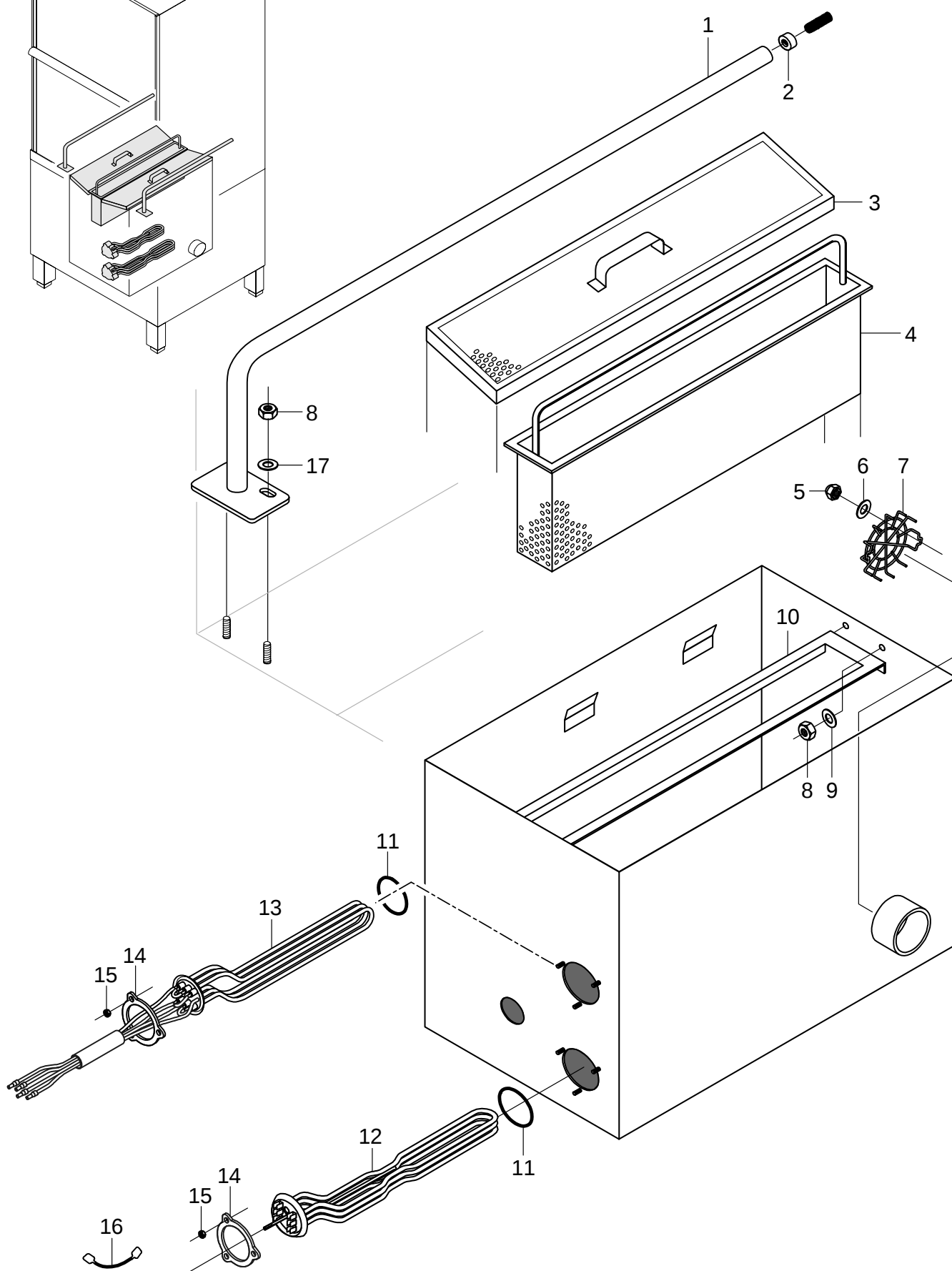
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GS 640 / GS 650

Water inlet

Item.	Designation	Parts no.:	Pc.	Notes
1	Dirt catcher cpl.	80002153		incl. item 1.1 – 1.3
1.1	Gasket; D16 X D24 X 3,0	80002241	2	
1.2	Double nipple; G 3/4" X 40; SW30	80002167		
1.3	Strainer cpl.; D27 X 67	80002728		
2	Hose WRC tested; DN13 X 3,5; 2500	40 02 005		incl. item 2.1
2.1	Gasket; D16 X D24 X 3,0	80002241	2	
3	RC module; 0,15 MICRO F; 3,3 KOHM	31 13 114		only with Aquamatik; parallel to item 7 connect
4	Flat plug	31 12 018	2	only with Aquamatik; parallel to item 7 connect
5	Pan head screw; M4 X 8	20 10 309		
6	Washer; D4,3 X D12 X 1,0	22 05 300		
7	Solenoid valve flow restrictor 15l; 220-240V/50-60HZ	31 06 180		
7	Solenoid valve flow restrictor 15l; 180-220V/50-60HZ	31 06 198		Japan
7.1	Solenoid valve filter	31 06 186		
8	Hose clip; D14-24 X 9	28 02 108		
9	Reinforced hose; DN13 X 3,5	40 02 002		2030 mm; Metre item GS 640
9	Reinforced hose; DN13 X 3,5	40 02 002		2200 mm; Metre item GS 650
10	Reinforced hose; DN13 X 3,5	40 02 002		1510 mm; Metre item GS 640
10	Reinforced hose; DN13 X 3,5	40 02 002		1680 mm; Metre item GS 650
11	Reverse suction preventer, top; PN6 BEI 60 GRAD C	35 01 193		
12	Hose bend; DN13 X 4,0	40 03 053		
13	Water inlet set cpl., 3-part	55 31 007		incl. item 13.1 - 13.2
13.1	Gasket; D20,5 X D28,5 X 2,0	27 01 002		
13.2	Hose clip; D14-24 X 9	28 02 108		

GS 640/650

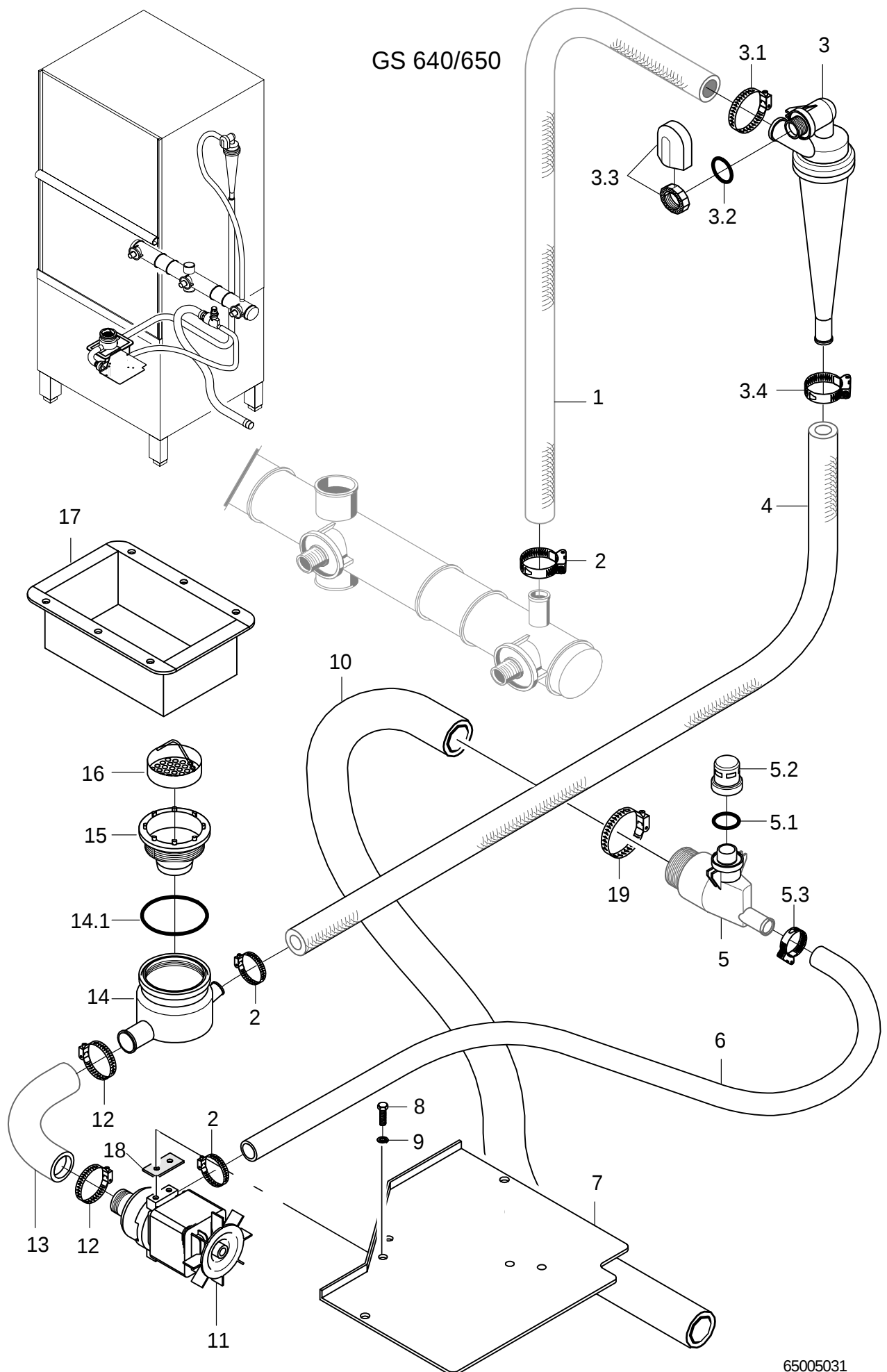


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GS 640 / GS 650

Tank and tank heating

Item.	Designation	Parts no.:	Pc.	Notes
1	Rack carrier cpl.	65004213	2	
2	Roller; D18,9 X 20; M8	65004215	2	
3	Flat filter, cpl.	65004092	2	
4	Sump filter cpl.	65003029		
5	Dome head nut; M5	21 10 303		
6	Washer; D5,3 X D12 X 0,8	22 02 313		
7	Filter; D84 X D2 X 12	65004188	3	
8	Hexagonal nut; M6 SELBSTSICHERND	21 05 304		
9	Washer; D6,4 X D12,5 X 1,6	22 01 302		
10	Filter frame; 1,5 X 118 X 672,5	65004086		
11	O-ring; 43 X 7	27 07 069	2	
12	Heating element offset 6.0kW; 230V/400V/3	31 03 132		Slow start-up
12	Heating element offset 6.0kW; 240V/420V/3	31 03 133		Slow start-up
12	Heating element offset 6.0kW; 200V/346V/3	31 03 134		Slow start-up
13	Heater with fuse, 6.0kW; 3 X 400V	31 03 176		
13	Heater with fuse, 9.0kW; 3 X 400V	31 03 177		
13	Heater with fuse, 6.0kW; 3 X 420V	31 03 178		
13	Heater with fuse, 9.0kW; 3 X 420V	31 03 179		
13	Heater with fuse, 6.0kW; 3 X 200V	31 03 173		
13	Heater with fuse, 6.0kW; 3 X 230V	31 03 175		
14	Clamping plate; D43 X D80 X 4,0	01 17 003	2	
15	Hexagonal nut; M5	21 01 303		
16	Star bridge; 2,5QMM; 90 LG	70004616	3	
17	Washer; D6,4 X D18 X 1,6	22 05 302		



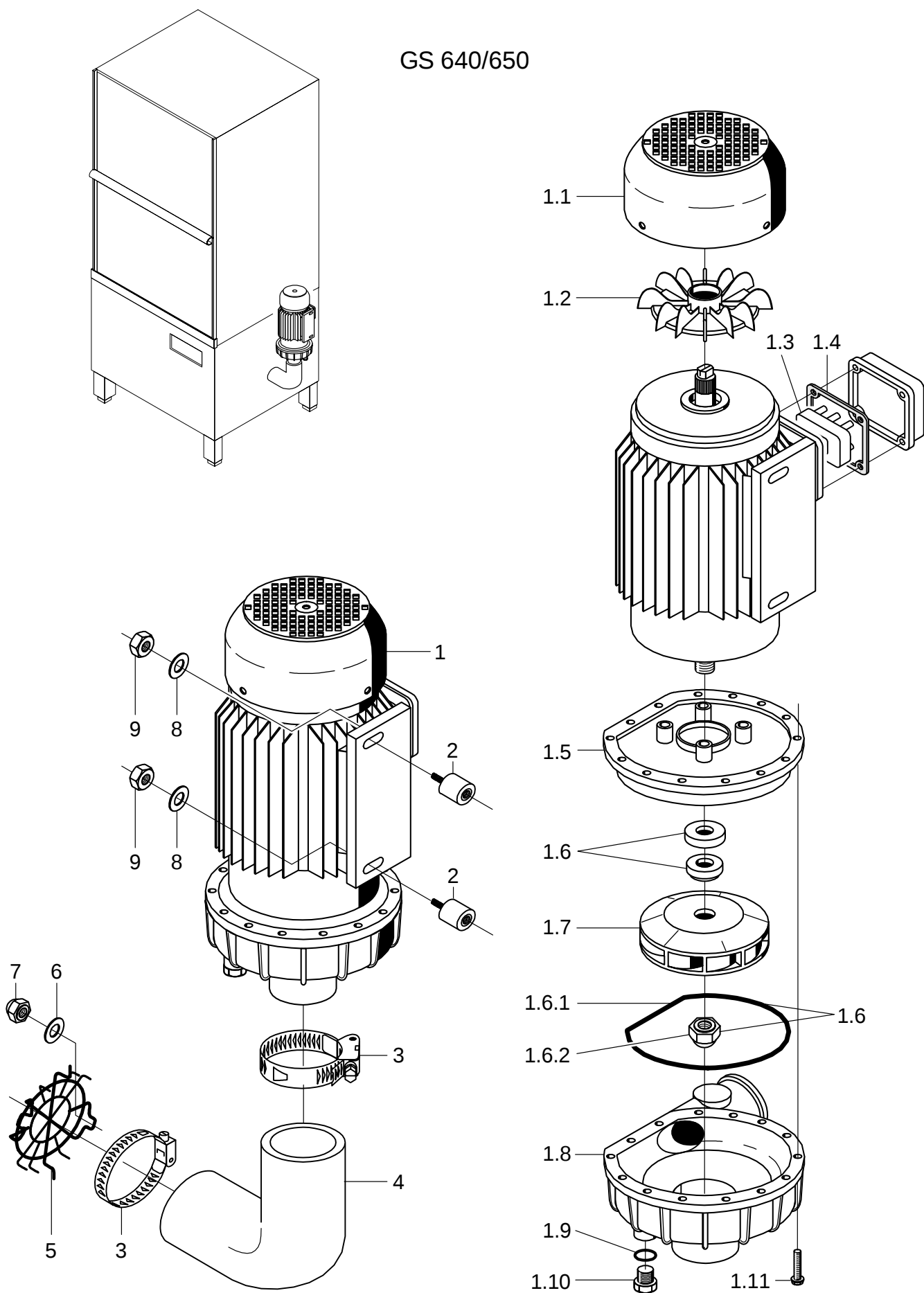
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GS 640 / GS 650

Water drainage, Mediamat Cyclo

Item.	Designation	Parts no.:	Pc.	Notes
1	Reinforced hose; DN16 X 4,0	40 01 015		780 mm; Metre item GS 640
1	Reinforced hose; DN16 X 4,0	40 01 015		950 mm; Metre item GS 650
2	Hose clip; D20-30 X 12	28 02 109		
3	Mediamat Cyclo	61005184		incl. item 3.1 – 3.4
3.1	Hose clip; D32-52 X 12	28 02 110		
3.2	O-ring; 20 X 3,5	27 07 040		
3.3	Tank inlet set; G 1/2" X 8; SW27	61005339		
3.4	Hose clip; D20-30 X 12	28 02 109		
4	Reinforced hose; DN16 X 4,0	40 01 015		1460 mm; Metre item GS 640
4	Reinforced hose; DN16 X 4,0	40 01 015		1630 mm; Metre item GS 650
5	Drain cpl.	61005185		incl. item 5.1 – 5.3
5.1	O-ring; 29,5 X 4,5	27 07 008		
5.2	Cap; G 3/4" X 24; SW32	61004974		
5.3	Hose clip; D20-30 X 12	28 02 109		
6	Hose elbow; DN24X4,0;534X55	65004996		
7	Pump bracket cpl.	65004981		
8	Hexagon screw; M6 X 10; A70	20 01 332	2	
9	Spring washer; B6	23 03 300	2	
10	Drain hose; DN50 X 4	65005070		
11	Drain pump; 200-240V/50-60HZ	31 02 410		
12	Hose clip; D32-52 X 12	28 02 110	2	
13	Hose bend; DN24 X 4,0	61005028		
14	Sump pan cpl.	61005186		incl. item 14.1
14.1	O-ring; 91 X 3,0	27 07 009		
15	Drain outlet; D72 X 69,3	61004905		
16	Sump filter; D70	61004701		
17	Trough; 1,5 X 401 X 655	65005021		
18	Spacer; 3,0 X 16 X 46	61005003		
19	Hose clip; D47-67 X 12	28 02 115		

GS 640/650



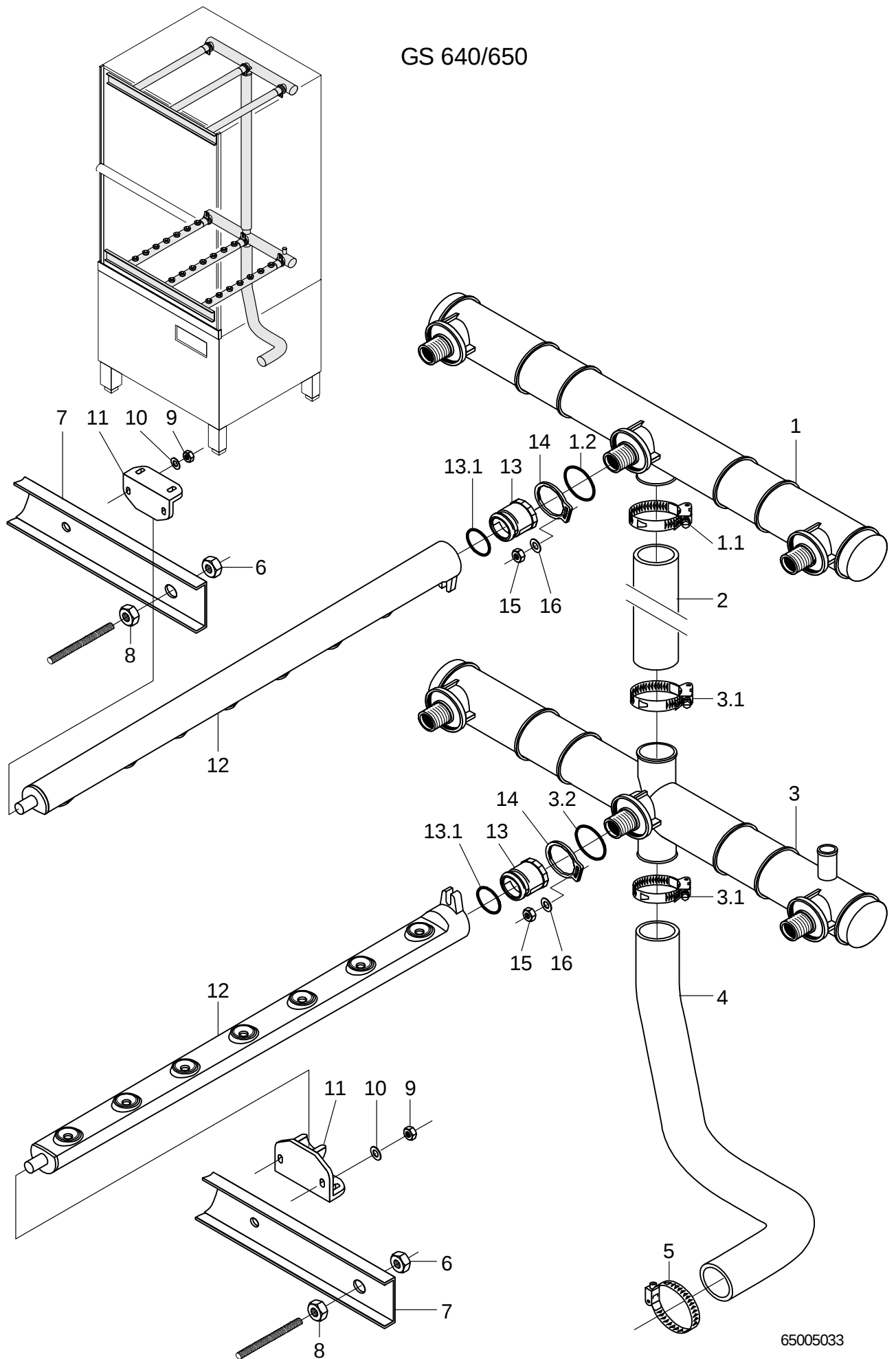
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GS 640 / GS 650

Wash system I

Item.	Designation	Parts no.:	Pc.	Notes
1	Pump 1.85kW 3/3; 230V/400V/3/50HZ	31 02 392		incl. item 1.1 - 1.11
1	Pump 1.85kW 3/3; 230V/400V/3/60HZ	31 02 393		incl. item 1.1 - 1.11
1	Pump 1.85kW 3/3; 200V/346V/3/50HZ	31 02 394		incl. item 1.1 - 1.11
1	Pump 1.85kW 3/3; 200V/346V/3/60HZ	31 02 395		incl. item 1.1 - 1.11
1.1	Fan hood	31 02 212		
1.2	Fan blade	31 02 211		
1.3	Terminal plate; 3-POLIG	31 02 225		
1.4	Terminal box with gasket	31 02 327		
1.5	Pump cover	31 02 208		
1.6	Gasket set; 1,1/1,7/1,85/0,73 KW	80002670		incl. item 1.6.1 - 1.6.2
1.6.1	O-ring; 158,35 X 3,53	31 02 209		
1.6.2	Dome head nut; M8 SELBSTSICHERND	21 10 305		
1.7	Pump impeller; D119; 1,85KW; 50HZ	31 02 407		for 50Hz pumps
1.7	Pump impeller; D100; 1,85KW; 60HZ	31 02 408		for 60Hz pumps
1.8	Pump housing	31 02 204		
1.9	O-ring; 20 X 3,5	27 07 040	2	
1.10	Blind plug; G 1/2" X 20,5	35 01 108	2	
1.11	Hexagon screw; M4 X 22; 8.8	20 01 021		
2	Buffer; D30 X 25	40 06 022	2	
3	Hose clip; D62-82 X 12	28 02 308	2	
4	Hose bend; DN62 X 7,0	65004103		
5	Filter; D84 X D2 X 12	65004188		
6	Washer; D5,3 X D12 X 0,8	22 02 213		
7	Dome head nut; M5	21 10 303		
8	Washer; D8,4 X D17 X 1,6	22 01 303		
9	Hexagonal nut; M8	21 01 305		

GS 640/650



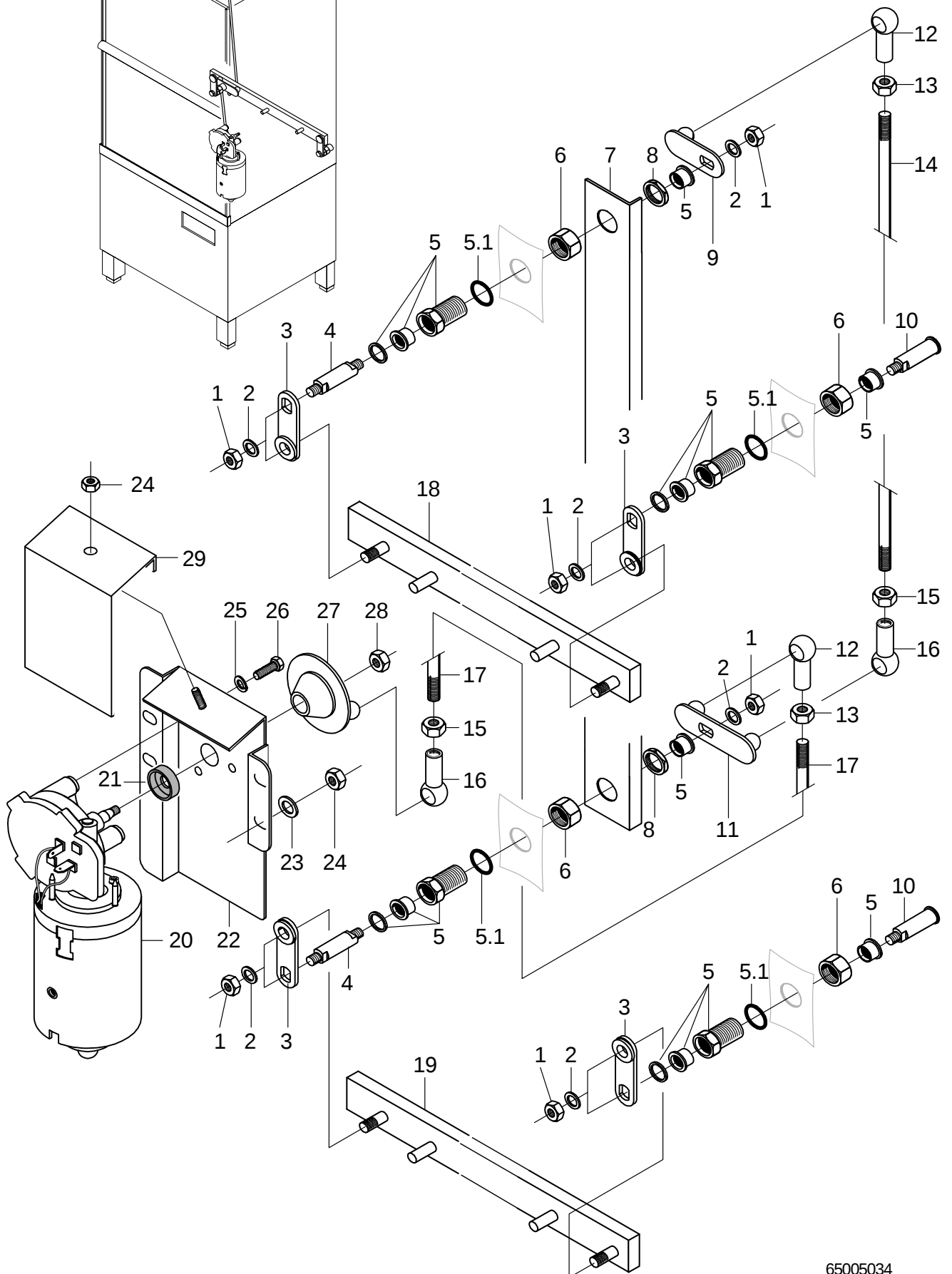
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GS 640 / GS 650

Wash system II

Item.	Designation	Parts no.:	Pc.	Notes
1	Top wash distributor cpl.	65004824		incl. item 1.1 - 1.2
1.1	Hose clip; D47-67 X 12	28 02 115		
1.2	O-ring; 29,5 X 4,5	27 07 008	3	
2	Reinforced hose; DN50 X 8,0	40 02 006		755 mm; Metre item GS 640
2	Reinforced hose; DN50 X 8,0	40 02 006		925 mm; Metre item GS 650
3	Bottom wash distributor cpl.	65004825		incl. item 3.1 - 3.2
3.1	Hose clip; D47-67 X 12	28 02 115	2	
3.2	O-ring; 29,5 X 4,5	27 07 008	3	
4	Hose bend; DN50 X 6,0	65004151		
5	Hose clip; D47-67 X 12	28 02 115		
6	Hexagonal nut; M8 SELBSTSICHERND	21 05 306		
7	Wash arm support cpl.	65004014	2	
8	Hexagonal nut; M8	21 01 305		
9	Hexagonal nut; M5 SELBSTSICHERND	21 05 302		
10	Washer; D5,3 X D12 X 0,8	22 02 313		
11	Door lock with magnet, short; 29 X 32 X 64	60002524	6	
12	Wash arm cpl.; 7 DÜSEN	65004997	6	
13	Locking nut cpl.	60002785	6	incl. item 13.1
13.1	O-ring; 24 X 4	61005781		
14	Setting washer; 5,0 X 40 X 50	60002540	6	
15	Hexagonal nut; M4 SELBSTSICHERND	21 05 300		
16	Washer; D4,3 X D12 X 1,0	22 05 300		

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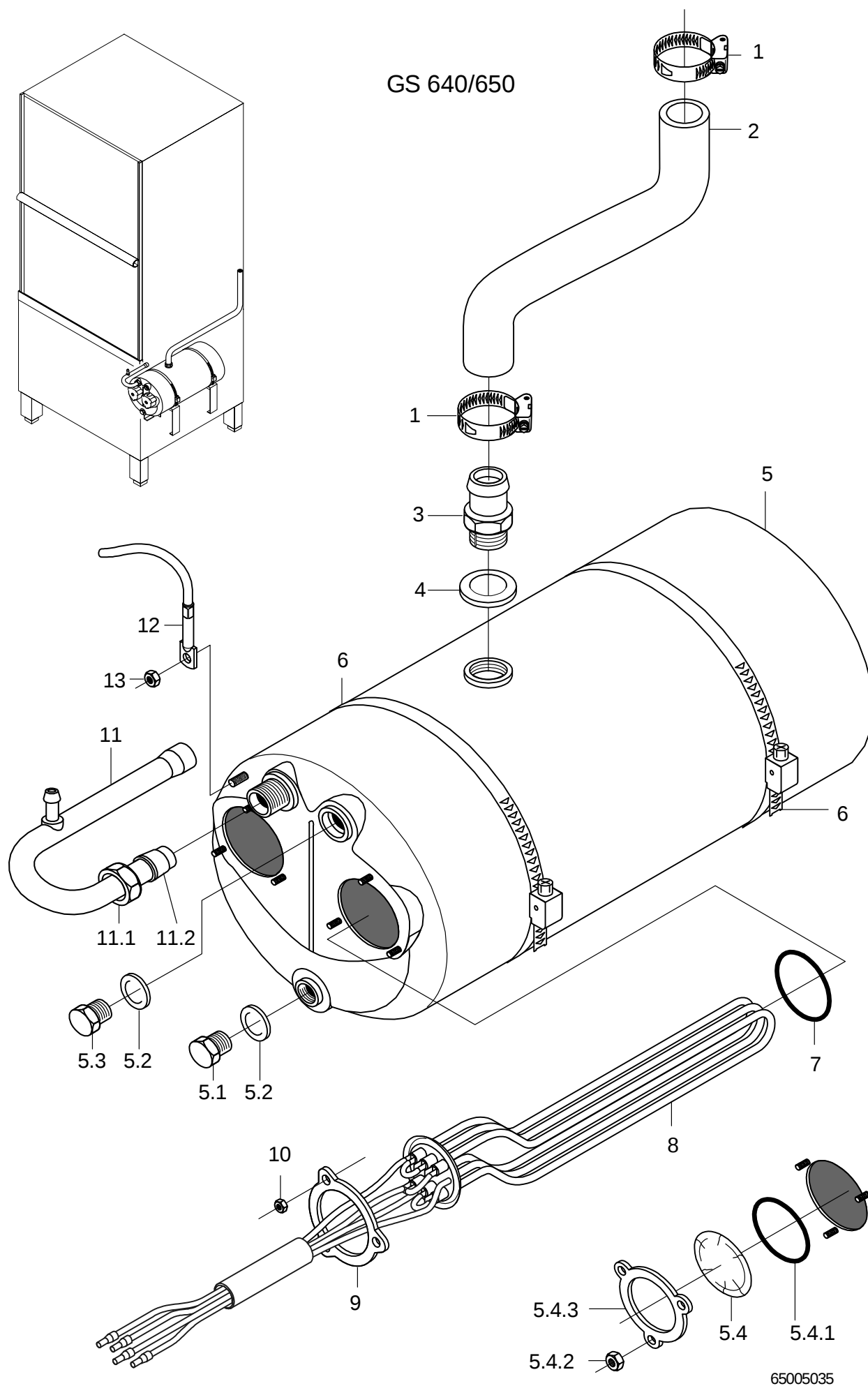


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GS 640 / GS 650

Reversing

Item.	Designation	Parts no.:	Pc.	Notes
o.P.	Reversal wiring loom; 2 X 0,75QMM	65005013		
1	Hexagonal nut; M6 SELBSTSICHERND	21 05 304		
2	Washer; D6,4 X D18 X 1,6	22 05 302		
3	Reversing lever cpl.	60002392	4	
4	Reversing shaft; D12 X 66,6	60002385	2	
5	Bearing bush cpl.	65004835	4	incl. item 5.1
5.1	O-ring; 26 X 2,5	27 07 062		
6	Hexagonal nut; G 3/4" X 10,0; SW36	30 09 209	4	
7	Elbow; 1,5 X 57 X 863	65004323		GS 640
7	Elbow; 1,5 X 57 X 1034	65003002		GS 650
8	Hexagonal nut; G 3/4" X 5,0; SW32	61002626	2	
9	Lever	60002391		
10	Reversing axle; D15 X 57,3	60002384	2	
11	Lever	65003803		
12	Ball socket right; M8	28 05 500	2	
13	Hexagonal nut; M8	21 01 305		
14	Threaded rod; M8 X 775	65004047		GS 640
14	Threaded rod; M8 X 952	65003807		GS 650
15	Hexagonal nut; M8 LH	21 01 001		Left-hand thread
16	Ball socket left; M8-LH	28 05 501	2	Left-hand thread
17	Threaded rod; M8 X 180	65003806		
18	Top connecting rod cpl.	65004132		
19	Connecting rod cpl.	65003987		
20	Gear motor; 24V	31 16 062		
21	Radial shaft seal; D9,7 X D18 X 6	27 10 022		
22	Bracket cpl.	65004807		
23	Washer; D5,3 X D12 X 0,8	22 02 313		
24	Hexagonal nut; M5 SELBSTSICHERND	21 05 302		
25	Spring washer; B6	23 03 300		
26	Hexagon screw; M6 X 10; A70	20 01 332		
27	Crank disk cpl.	60001297		
28	Hexagonal nut; M8 SELBSTSICHERND	21 05 306		
29	Guard plate; 1,0 X 98 X 217,4	65004801		

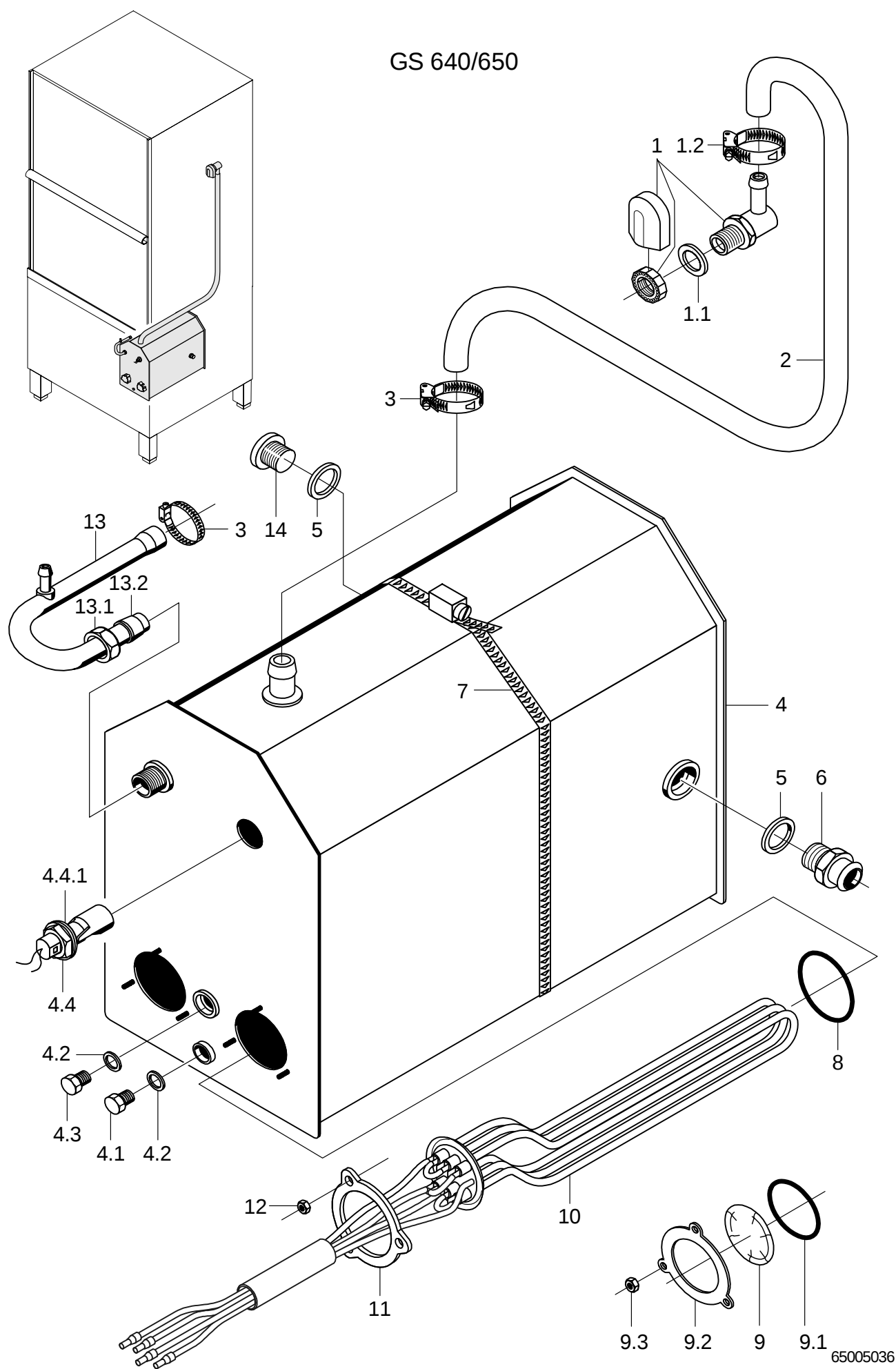


GS 640 / GS 650

Rinsing I

Item.	Designation	Parts no.:	Pc.	Notes
1	Hose clip; D24-44 X 12	28 02 309		
2	Hose bend; DN25 X 4,0	65004182		
3	Hose nipple; D26 X 41; G 1/2"; SW27	80001403		
4	Gasket; D21 X D28 X 2,0	27 09 011		
5	Boiler cpl., 2-hole; 12 KW; 480 LG	55 12 032		incl. item 5.1 - 5.4
5.1	Hexagon screw; M10 X 16; A70	20 01 352		
5.2	Gasket; D10 X D18 X 1,5	27 03 003		
5.3	Locking screw; M9 X 1 X 14	70003890		
5.4	Blind flange cpl.	60002787		incl. item 5.4.1 - 5.4.3
5.4.1	O-ring; 43 X 7	27 07 069		
5.4.2	Hexagonal nut; M5	21 01 203	3	
5.4.3	Clamping plate; D43 X D80 X 4,0	01 17 003		
6	Hose clip; D182-202 X 12	28 02 121		
7	O-ring; 43 X 7	27 07 069	2	
8	Heater with fuse, 6.0kW; 3 X 400V	31 03 150		
8	Heater with fuse, 9.0kW; 3 X 400V	31 03 177		
8	Heater with fuse, 6.0kW; 3 X 420V	31 03 152		
8	Heater with fuse, 9.0kW; 3 X 420V	31 03 179		
8	Heater with fuse, 6.0kW; 3 X 200V	31 03 151		
8	Heater with fuse, 3.0kW; 3 X 200V	31 03 155		
8	Heater with fuse, 6.0kW; 3 X 230V	31 03 158		
9	Clamping plate; D43 X D80 X 4,0	01 17 003		
10	Hexagonal nut; M5	21 01 203		
11	Boiler inlet elbow, cpl.	55 09 054		incl. item 11.1 - 11.2
11.1	Union nut; G 1/2" X D12,2; SW24	29 07 201		
11.2	Cutting ring; D12 X 10	29 07 300		
12	Boiler thermal sensor with cable; KABELLÄNGE 900MM	31 25 044		with heat conducting film
13	Hexagonal nut; M5 SELBSTSICHERND	21 05 302		

GS 640/650



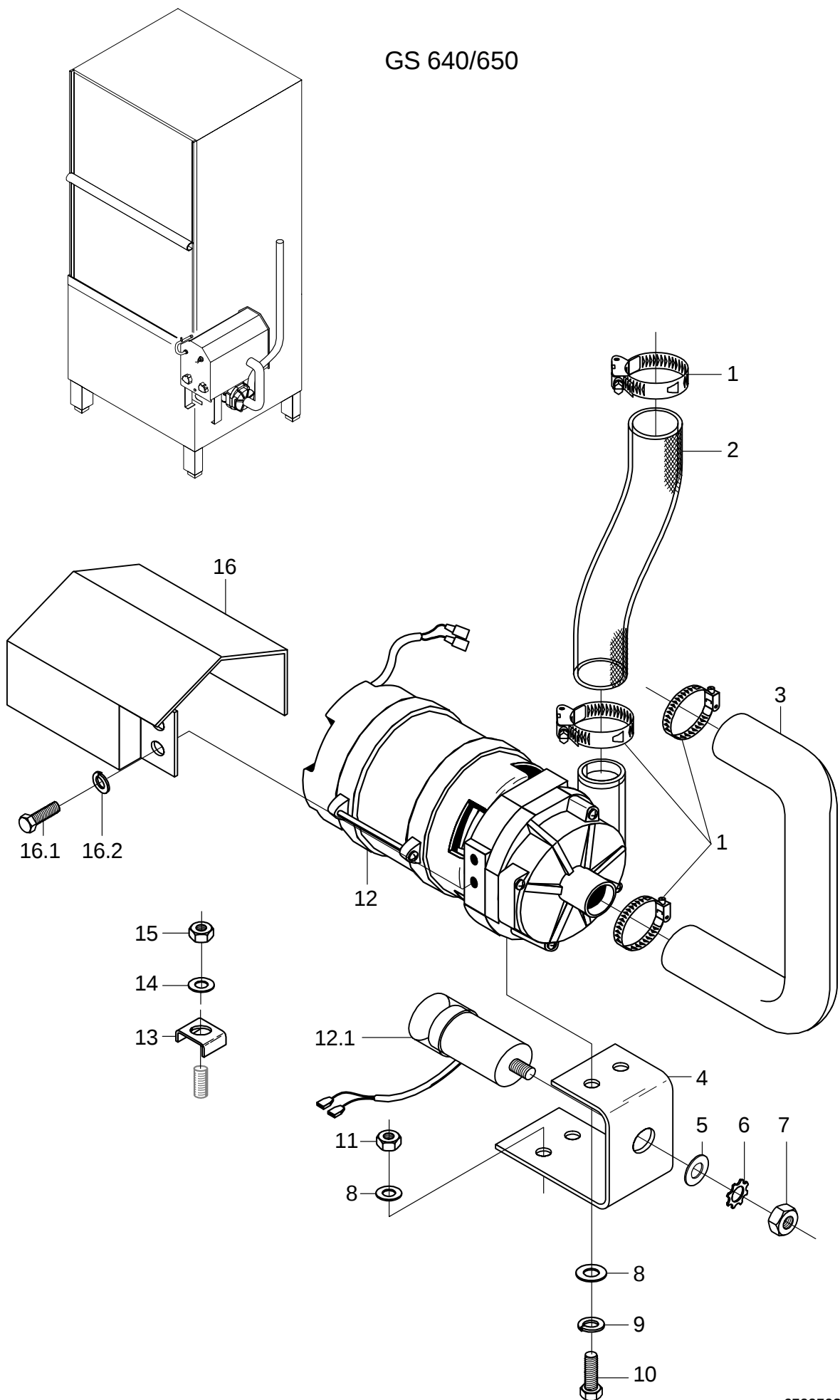
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GS 640 / GS 650

Rinsing II (AquaMatik)

Item.	Designation	Parts no.:	Pc.	Notes
1	Water inlet set cpl., 3-part	55 31 007		incl. item 1.1 - 1.2
1.1	Gasket; D20,5 X D28,5 X 2,0	27 01 002		
1.2	Hose clip; D14-24 X 9	28 02 108		
2	Hose bend; DN12,5 X 4,0	40 03 056		adapt
3	Hose clip; D14-24 X 9	28 02 108		
4	Pressureless boiler cpl.	80002128		incl. item 4.1 - 4.4
4.1	Hexagon screw; M10 X 16; A70	20 01 352		
4.2	Gasket; D10 X D18 X 1,5	27 03 003		
4.3	Locking screw; M9 X 1 X 14	70003890		
4.4	Float switch installation set	55 28 255		
4.4.1	Rubber seal; D27 X D20 X 14	31 26 036		
5	Gasket; D21 X D28 X 2,0	27 09 011	2	
6	Hose nipple; D26 X 41; G 1/2"; SW27	80001403		
7	Hose clip; D212-232 X 12	28 02 136		
8	O-ring; 43 X 7	27 07 069		
9	Blind flange cpl.	60002787		incl. item 9.1 – 9.3
9.1	O-ring; 43 X 7	27 07 069		
9.2	Hexagonal nut; M5	21 01 203		
9.3	Clamping plate; D43 X D80 X 4,0	01 17 003		
10	Heater with fuse, 6.0kW; 3 X 400V	31 03 150		
10	Heater with fuse, 9.0kW; 3 X 400V	31 03 177		
10	Heater with fuse, 6.0kW; 3 X 420V	31 03 152		
10	Heater with fuse, 9.0kW; 3 X 420V	31 03 179		
10	Heater with fuse, 6.0kW; 3 X 200V	31 03 151		
10	Heater with fuse, 3.0kW; 3 X 200V	31 03 155		
10	Heater with fuse, 6.0kW; 3 X 230V	31 03 158		
11	Clamping plate; D43 X D80 X 4,0	01 17 003		
12	Hexagonal nut; M5	21 01 203		
13	Boiler inlet elbow, cpl.	55 09 054		incl. item 13.1 - 13.2
13.1	Union nut; G 1/2" X D12,2; SW24	29 07 201		
13.2	Cutting ring; D12 X 10	29 07 300		
14	Locking screw; G 1/2"	30 08 303		

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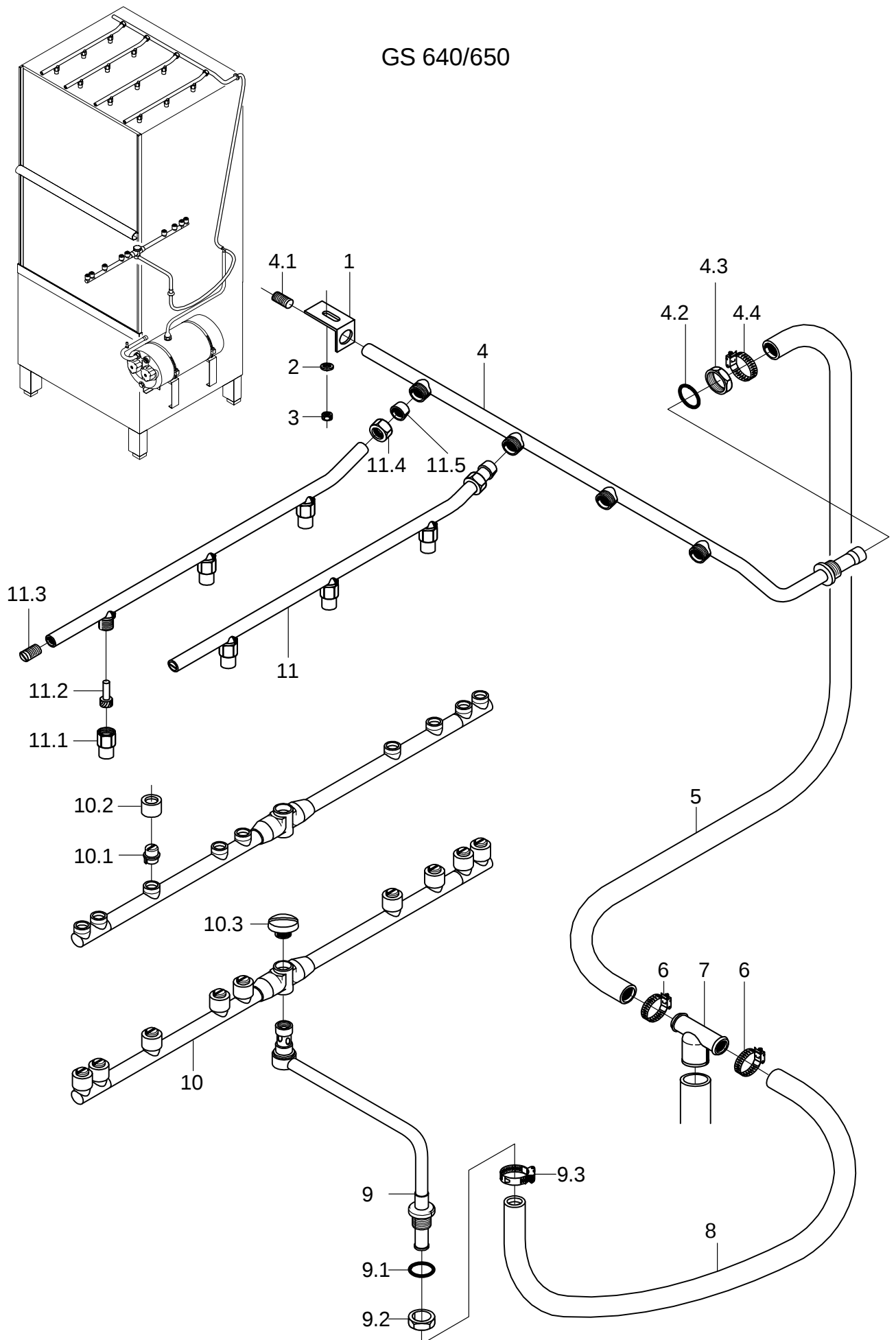
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GS 640 / GS 650

Rinsing III

Item.	Designation	Parts no.:	Pc.	Notes
1	Hose clip; D24-36 X 12	28 02 111	2	
2	Hose elbow 90°; DN26X4;333,5X613,5	65005108		
3	Hose bend; DN25 X 4,0	65004027		
4	Pump bracket; 2,0 X 45 X 102	80001482		
5	Washer; D8,4 X D17 X 1,6	22 01 303		
6	Spring washer; B8	23 03 301		
7	Hexagonal nut; M8	21 01 305		
8	Washer; D5,3 X D12 X 0,8	22 02 213		
9	Spring washer; B6	23 03 300		
10	Hexagon screw; M6 X 16; A70	20 01 306		
11	Hexagonal nut; M5 SELBSTSICHERND	21 05 302		
12	Pump 0.270kW 8/0; 220/240V/1/50HZ	31 02 477		incl. item 12.1
12	Pump 0.270kW 8/0; 220/240V/1/60HZ	31 02 445		incl. item 12.1
12	Pump 0.270kW 8/0; 200V/1/50HZ	31 02 446		incl. item 12.1
12	Pump 0.270kW 8/0; 200V/1/60HZ	31 02 447		incl. item 12.1
12.1	Capacitor; 5 MIKRO F	31 13 099		
13	Hexagon screw; M6 X 16; A70	20 01 306		
14	Washer; D6,4 X D12,5 X 1,6	22 01 302		
15	Hexagonal nut; M6	21 01 304		
16	Guard plate cpl.	80002255		incl. item 16.1 – 16.2
16.1	Hexagon screw; M6 X 16; A70	20 01 306		
16.2	Spring washer; B6	23 03 300		

GS 640/650



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GS 640 / GS 650

Rinsing IV

Item.	Designation	Parts no.:	Pc.	Notes
1	Elbow; 1,0 X 20 X 58	65003117		
2	Washer; D5,3 X D12 X 0,8	22 02 213		
3	Hexagonal nut; M5 SELBSTSICHERND	21 05 302		
4	Rinsing manifold top	65000032		incl. item 4.1 - 4.4
4.1	Threaded pin; M11 X 1,0 X 20	20 30 503		
4.2	O-ring; 16 X 2,5	27 07 001		
4.3	Hexagonal nut; G 3/8" X 5,5; SW22	30 09 200		
4.4	Hose clip; D14-24 X 9	28 02 108		
5	Hose elbow 90°; DN12,5X4,0;45X880	62001434		
6	Hose clip; D14-24 X 9	28 02 108		
7	T-piece; D25 X D14,5 X 14,5	62001329		
8	Reinforced hose; DN13 X 3,5	40 02 002		810 mm; Metre item
9	Revolving arm holder cpl.	65004811		incl. item 9.1 – 9.3
9.1	O-ring; 20 X 3,5	27 07 040		
9.2	Hexagonal nut; G 1/2" X 8,0; SW27	30 09 201		
9.3	Hose clip; D14-24 X 9	28 02 108		
10	Revolving arm cpl.	61005327		incl. item 10.1 - 10.3
10.1	Fan jet, size 5; D11,2 X 10	62002820	9	
10.2	Union nut; M14 X D9,1; D17	62002812	9	
10.3	Screw cap; M10 X D7,8 X D24	61005681		
11	Rinse pipe cpl.	65004011	2	1st jet 30mm from the front
11	Rinse pipe cpl.	65004012	2	1st jet 120mm from the front
11.1	Spray jet cap; D14,6 X 21	65002765	3	
11.2	Spray jet swirl; D8 X 18,8	65002764	3	
11.3	Threaded pin; M9 X 40	20 30 502		
11.4	Union nut; G 3/8" X D10,2; SW22	29 07 200		
11.5	Clamping ring; D10,2	29 07 500		

GS 640/650

The diagram illustrates the assembly of the GS 640/650 gas control system. Key components and their connections are shown:

- Main Unit (1):** The central control unit, shown in an exploded view with its mounting bracket (1.1) and screws (1.2).
- Gas Valve (2):** A solenoid valve that controls the flow of gas to the burner.
- Gas Pipes (3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14):** Various lengths of gas pipe used to connect the main unit, gas valve, and burner. Some pipes have specific fittings (3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14) for secure connection.
- Gas Burner (15):** The component where the gas is ignited to produce heat.
- Gas Inlet (16):** The point where the gas supply enters the system.
- Gas Outlet (17):** The point where the gas exits the system.
- Gas Control Valve (18):** A component that regulates the gas flow to the burner.
- Gas Solenoid Valve (19):** A valve that controls the flow of gas to the burner.
- Gas Pressure Regulator (20):** A device that maintains a constant gas pressure throughout the system.
- Gas Filter (21):** A component that filters out any impurities from the gas supply.
- Gas Safety Valve (22):** A valve that shuts off the gas supply in the event of a leak or other safety hazard.

The diagram shows the main unit (1) connected to the gas valve (2) via a gas pipe (3). The gas valve (2) is connected to the gas pipes (4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14) which lead to the gas burner (15). The gas burner (15) is connected to the gas inlet (16) and gas outlet (17). The gas control valve (18) is connected to the gas solenoid valve (19) and the gas pressure regulator (20). The gas filter (21) is connected to the gas safety valve (22).

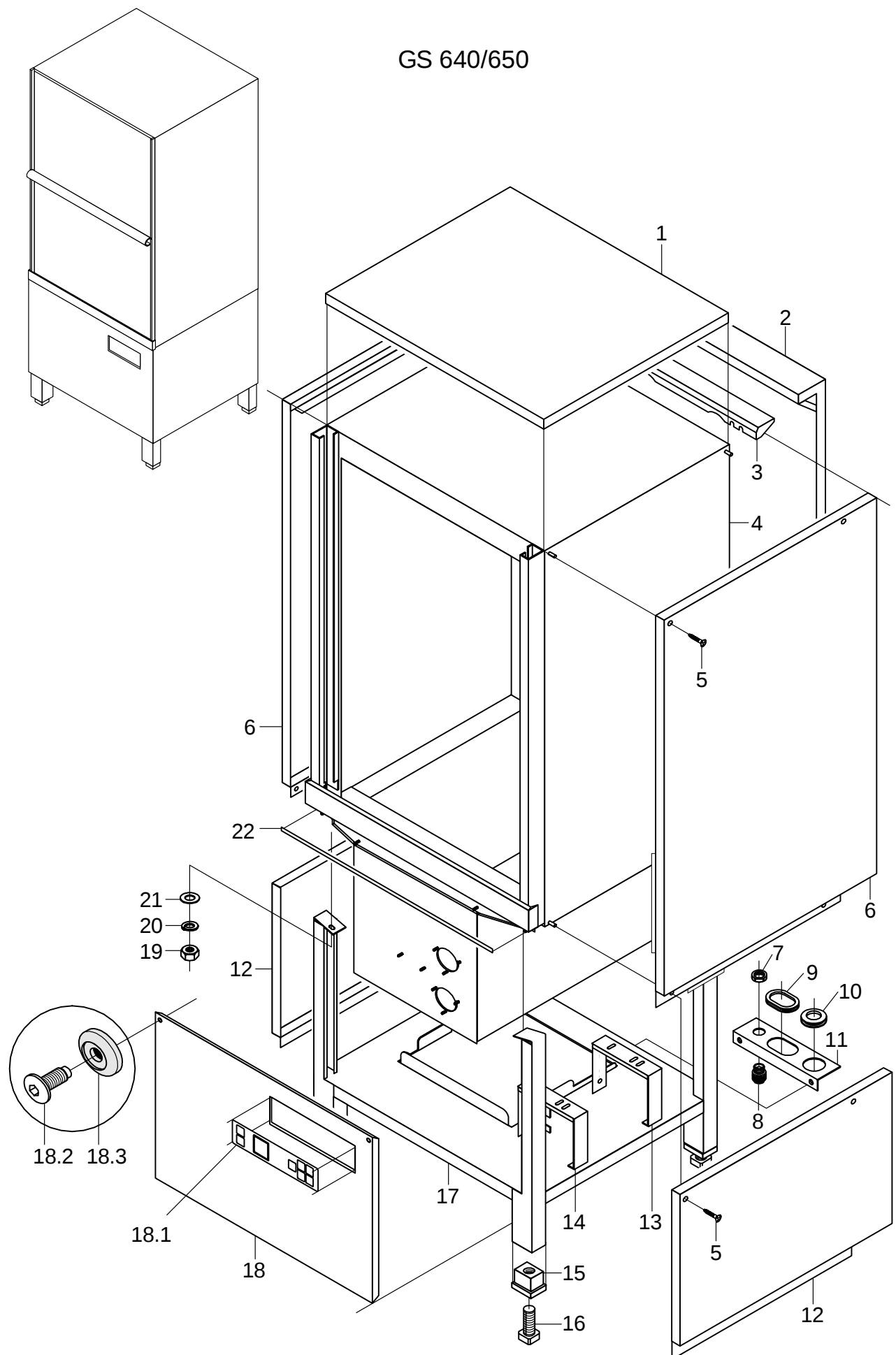
21 / 30

GS 640 / GS 650

Dosage

Item.	Designation	Parts no.:	Pc.	Notes
1	Dispenser nipple kit; M10 X 29; SW5	61005883		incl. item 1.1 - 1.2
1.1	O-ring; 10 X 2,5	27 07 030		
1.2	Nylon clip; 100 X 2,5	31 20 175		
2	Press-on cap; D6 X 15	35 03 023		
3	Nylon clip; 100 X 2,5	31 20 175		
4	Detergent dosing pump ESP166; 230V/50HZ	80002619		 contains all parts for retrofit of detergent dosage unit
4	Detergent dosing pump ESP166; 200V/60HZ	80002900		contains all parts for retrofit of detergent dosage unit
5	Hexagonal nut; M4 SELBSTSICHERND	21 05 300		
6	Hose; DN5 X 1,5	40 01 024		500 mm; Metre item
7	Hose; DN5 X 1,5	40 01 024		1000 mm; Metre item
8	Hose; DN5 X 1,5	40 01 024		3500 mm; Metre item
9	Binding post; 5-POLIG; 6QMM; 56LG	31 09 230		
10	Bracket	80002893		
11	ELT 10 replacement set	55 28 278		 up to WPS-version 002
11	Dispenser MP28; 180-260V/50-60HZ	31 02 450		WPS-version 003 onward
12	Container; 3 LITER	35 02 004		incl. item 12.1
12.1	Locking cap blue	35 02 023		bore if necessary
13	Suction stick cpl.	55 25 051		incl. item 13.1 - 13.2
13.1	Nylon clip; 100 X 2,5	31 20 014	2	
13.2	Hose; DN5 X 1,5	40 01 024		2500 mm; Metre item
14	Hose; DN5 X 1,5	40 01 024		700 mm; Metre item
o.P.	Anti-foaming dosing set	55 28 277		up to WPS-version 002
o.P.	Anti-foaming dosing set	55 28 280		WPS-version 003 onward

GS 640/650



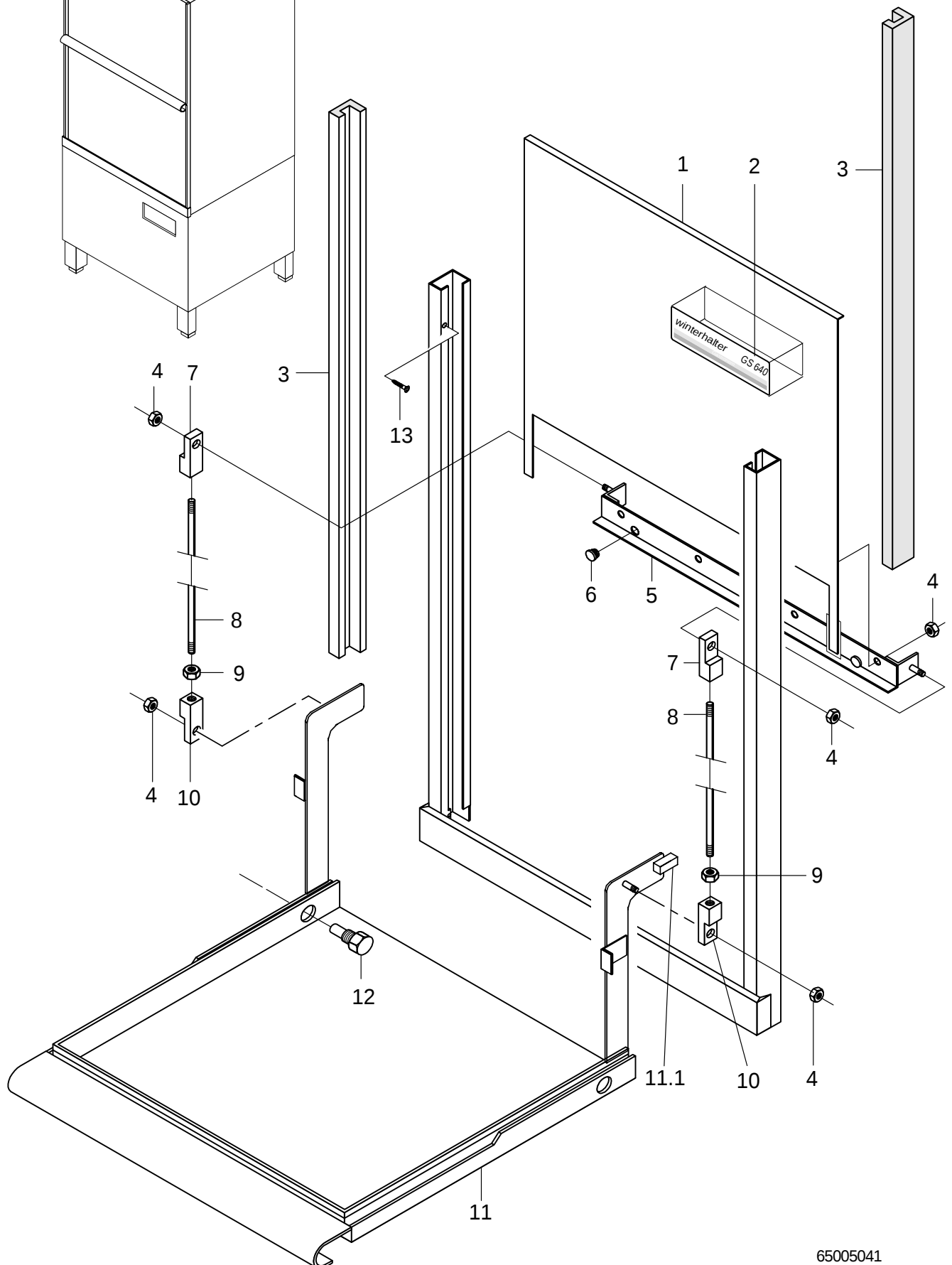
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GS 640 / GS 650

Chassis, container and panelling

Item.	Designation	Parts no.:	Pc.	Notes
1	Top trim panel; 1,0 X 761,5 X 771	65004646		
2	Rear wall panelling cpl.	65004661		GS 640
2	Rear wall panelling cpl.	65004656		GS 650
3	Elbow; 1,5 X 69,65 X 684,5	65004744		
4	Housing cpl.	65004993		GS 640
4	Housing cpl.	65004994		GS 650
5	Cup screw with retaining ring; M5 X 15	70005097	8	
6	Top panelling; 1,0 X 890 X 936	65004650	2	GS 640
6	Top panelling; 1,0 X 890 X 1106	65004610	2	GS 650
7	Hexagonal nut; PG29	31 10 047		
7	Reducing ring; KUK 29/21	31 10 091		
8	Cable gland; PG21; 13 - 18 MM	31 10 070		
8	Cable gland; PG29	31 10 123		
9	Membrane spout; 6,0 X 58 X 76; D17	61004891		
10	Membrane spout; 6,0 X D57 X D73; D40	61004889		
11	Elbow; 1,0 X 111 X 307	65004988		
12	Bottom panelling cpl.	65004547	2	
13	Support; 1,5 X 67 X 586,5	65004070		
14	Bracket cpl.	65004618		
15	Threaded insert; G 3/4"; 42 X 62 X 50	35 01 063	4	
16	Adjustable foot; G 3/4"; 32 X 32 X 100	35 01 064	4	
17	Base frame	65005024		
18	Housing panel front	65005059		incl. item 18.1 - 18.3
18.1	Pad "Operating Panel"; 0,175 X 50 X 180	31 24 223		
18.2	Cup screw with retaining ring; M5 X 15	70005097	2	
18.3	Washer; D7,2 X D26 X 5,14	70003135	2	blue
19	Hexagonal nut; M8	21 01 305		
20	Spring washer; B8	23 03 301		
21	Washer; D8,4 X D17 X 1,6	22 01 303		
22	Sealing profile; 0,5 - 2,0MM	40 04 006		716 mm; Metre item
o.P.	Silicone adhesive Elastosil E43; 90 ML	34 03 012		for profile seal

GS 640/650



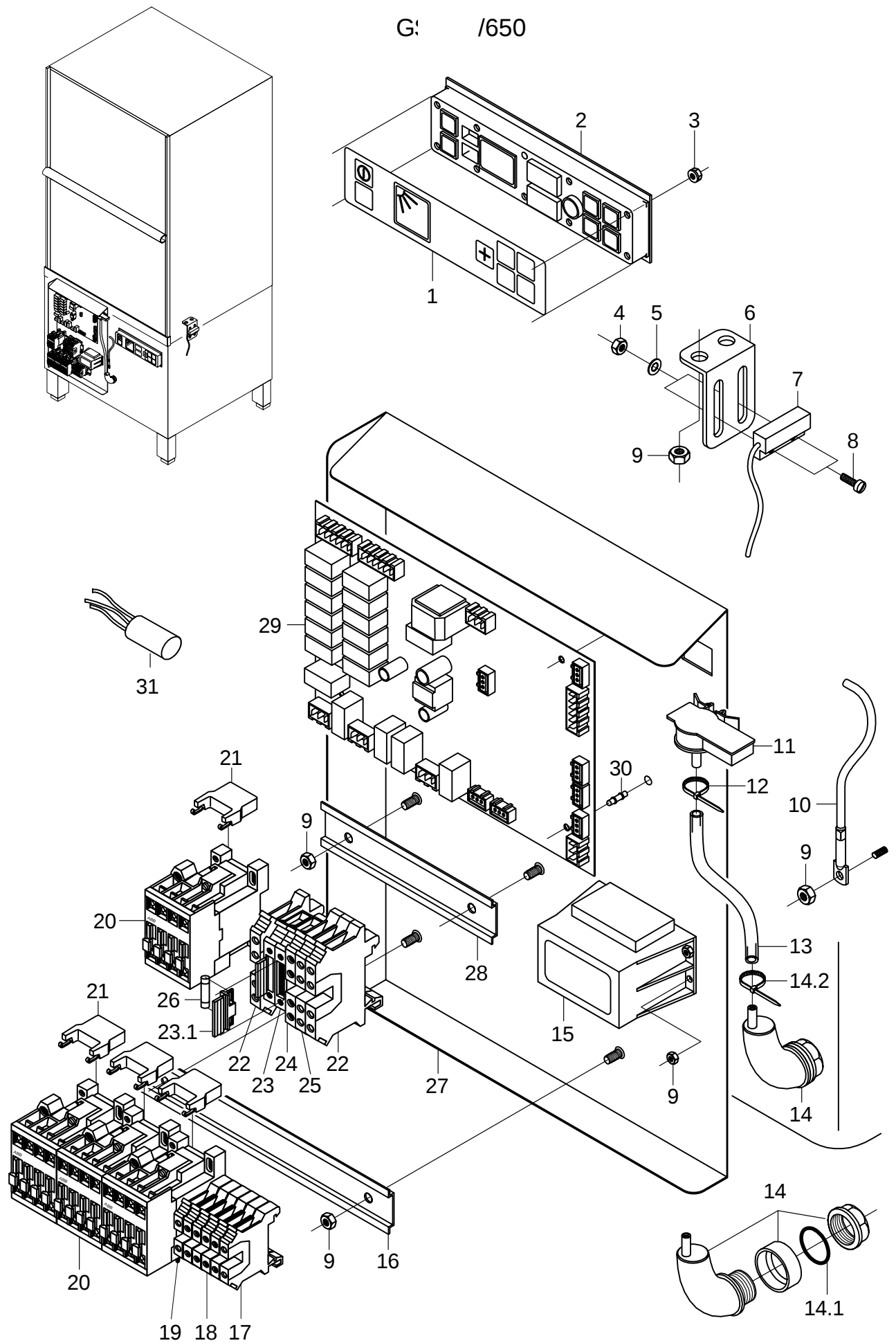
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GS 640 / GS 650

Door

Item.	Designation	Parts no.:	Pc.	Notes
1	Lifting door cpl.	65004491		GS 640
1	Lifting door cpl.	65004488		GS 650
2	Plate "Winterhalter GS 640"; 0,4 X 35 X 126	65005000		
2	Plate "Winterhalter GS 650"; 0,4 X 35 X 126	65005001		
3	Guide profile; 33,75 X 39 X 745	65004668	2	GS 640
3	Guide profile; 33,75 X 39 X 915	65004448	2	GS 650
4	Hexagonal nut; M6 SELBSTSICHERND	21 05 304	30	
5	Mounting rail cpl.	65003970		
6	Snap fastener buffer; D13 X 8,5 HOCH	40 06 015	2	
7	Adjusting knob; M8 LH; SW12 X 53	65001617	2	
8	Door connecting rod; D8 X 375	65004216	2	GS 640
8	Door connecting rod; D8 X 504	65004184	2	GS 650
9	Hexagonal nut; M8	21 01 305		
10	Adjusting knob; M8 RH; SW12 X 53	65001616	2	
11	Flap door cpl.	65004037		GS 640
11	Flap door cpl.	65003963		GS 650
11.1	Magnet holder	80002898		incl. magnet
12	Bearing bolt; SW15 X 26	65001537	2	
13	Sheet metal screw; ST 2,9 X 13	20 20 302		

G: /650



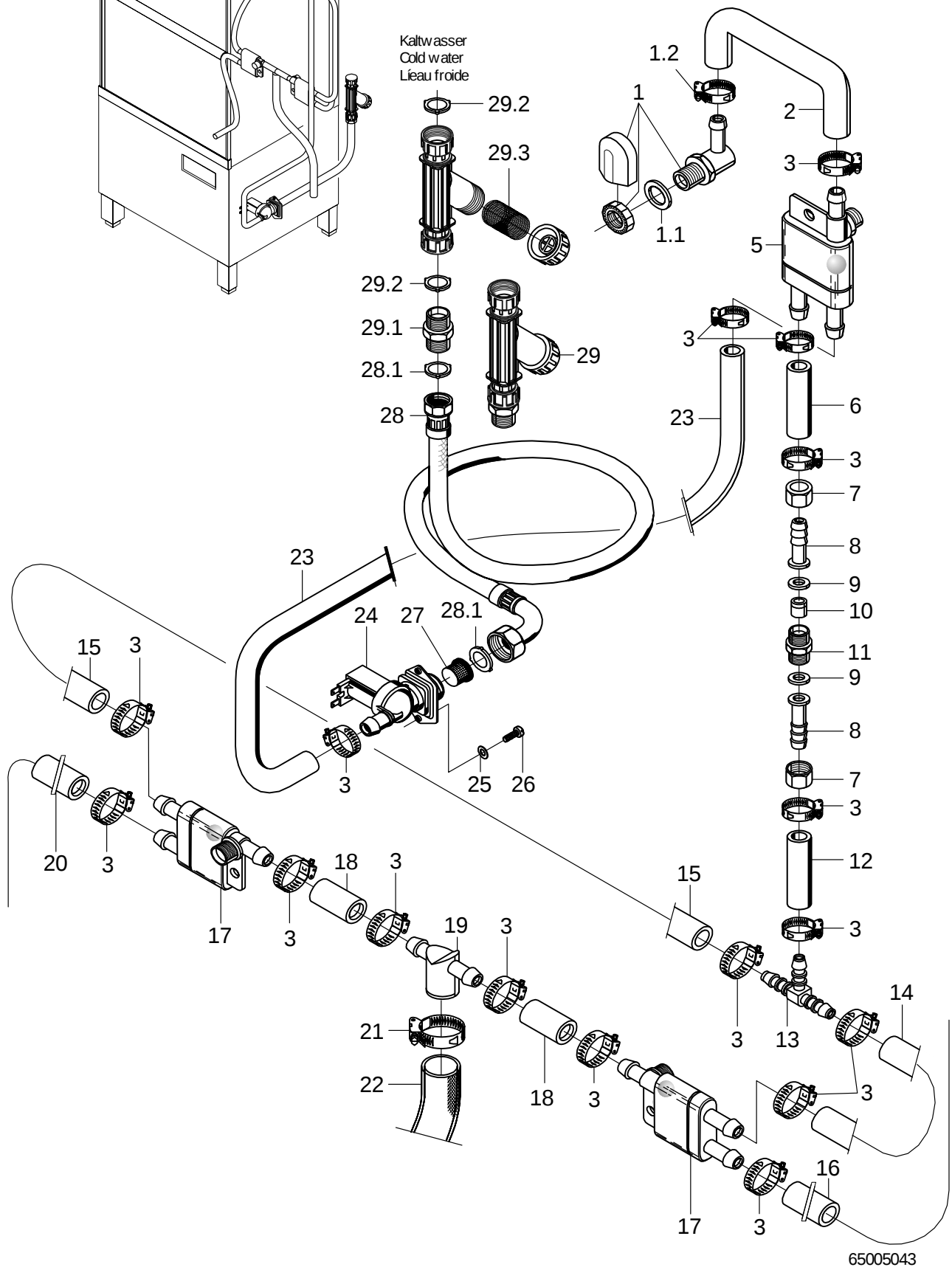
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GS 640 / GS 650

Electrical parts

Item.	Designation	Parts no.:	Pc.	Notes
1	Pad "Operating Panel"; 0,175 X 50 X 180	31 24 223		
2	Operating panel; 25 X 55 X 210	31 24 222		
3	Nut with soft push; M3, SW7, MAX. 160 NM	31 13 116	10	
4	Hexagonal nut; M4 SELBSTSICHERND	21 05 300		
5	Washer; D4,3 X D12 X 1,0	22 05 300		
6	Elbow; 0,8 X 32 X 41,3	62003393		
7	Magnetic switch; 32 X 14,9 X 6,9	31 24 224		
8	Cylinder head screw; M4 X 12	20 09 312		
9	Hexagonal nut; M5 SELBSTSICHERND	21 05 302		
10	Tank thermal sensor with cable; KABELLÄNGE 450MM	31 25 043		with heat conducting film
11	Pressure transmitter sensor; 0-30MBAR;5VDC/0,5-3,5V	31 26 044		
12	Nylon clip; 100 X 2,5	31 20 175		
13	Hose; DN5 X 1,5	40 01 024		265 mm; Metre item
14	Air chamber cpl.	55 04 024		incl. item 14.1 – 14.2
14.1	O-ring; 24 X 3	27 07 066		
14.2	Nylon clip; 100 X 2,5	31 20 175		
15	Transformer; 230V/1/50HZ	31 15 020		
16	Snap-on rail; 7,5 X 35 X 230	65004603		
17	Twin terminal, green/yellow	31 09 224		
18	Twin terminal, grey	31 09 222	4	
19	Twin terminal, blue	31 09 223		
20	Contactor; A16-3S-1Ö; 230V/50-60HZ; 7,5KW	31 04 162	4	
20	Contactor; A16-3S-1Ö; 200V/50-60HZ; 7,5KW	31 04 163	4	Japan
21	RC module; 250V	31 13 166	4	
22	Double terminal, green-yellow	31 09 153		
23	Hexagonal nut; M4 SELBSTSICHERND	21 05 300		
23	Universal fuse terminal	31 09 063	2	incl. item 23.1
23.1	Fuse plug	31 09 072		
24	Double terminal, gray	31 09 151		
25	Double terminal, blue	31 09 152		
26	Fuse; 250V; 6,3A	31 11 043	2	
27	Assembly plate cpl.	65004919		
28	Snap-on rail; 7,5 X 35 X 160	65004929		
29	Programme control WPS MAX; 180-265V; 50/60HZ	31 05 140		
30	Spacer; 18,70MM LANG	31 13 115	6	
o.P.	WPS dismantling tool	31 20 170		
31	Radio interference suppression capacitor; 0,1 + 2 X 10000PF	31 13 077		
o.P.	Cable bus; 5 X 0,34QMM	65005019		
o.P.	Pressure transmitter cable	65005010		
o.P.	Control unit wire set; 0,75QMM	65005016		

GS 640/650



GS 640 / GS 650

Cold water pre-rinse (optional)

Item.	Designation	Parts no.:	Pc.	Notes
1	Water inlet set cpl., 3-part	55 31 007		incl. item 1.1 - 1.2
1.1	Gasket; D20,5 X D28,5 X 2,0	27 01 002		
1.2	Hose clip; D14-24 X 9	28 02 108		
2	Hose bend; DN13 X 4,0	40 03 053		
3	Hose clip; D14-24 X 9	28 02 108		
5	Reverse suction preventer, top; PN6 BEI 60 GRAD C	35 01 193		
6	Reinforced hose; DN13 X 3,5	40 02 002		55 mm; Metre item
7	Union nut; G 3/4" X D20,5; SW30	29 07 203		
8	Hose nipple; D14,5	29 06 222		
9	Gasket; D14 X D23,5 X 2,0	27 01 028		
10	Reverse suction preventer; DW 20	29 01 512		
11	Double nipple; G 3/4" X 26; SW27	30 11 207		
12	Reinforced hose; DN13 X 3,5	40 02 002		55 mm; Metre item GS 640
12	Reinforced hose; DN13 X 3,5	40 02 002		225 mm; Metre item GS 650
13	T-hose socket; D13	29 06 508		
14	Reinforced hose; DN13 X 3,5	40 02 002		310 mm; Metre item
15	Reinforced hose; DN13 X 3,5	40 02 002		650 mm; Metre item
16	Hose elbow 90°; DN12,5X4,0;45X880	62001434		adapt
17	Reverse suction preventer, top; PN6 BEI 60 GRAD C	35 01 193	2	
18	Reinforced hose; DN13 X 3,5	40 02 002		45 mm; Metre item
19	T-piece; D25 X D14,5 X 14,5	62001329		
20	Reinforced hose; DN13 X 3,5	40 02 002		810 mm; Metre item
21	Hose clip; D24-44 X 12	28 02 309		
22	Hose bend; DN25 X 4,0	65004182		
22	Reinforced hose; DN25,4 X 4,4	40 01 023		with AquaMatik
23	Reinforced hose; DN13 X 3,5	40 02 002		2030 mm; Metre item GS 640
23	Reinforced hose; DN13 X 3,5	40 02 002		2200 mm; Metre item GS 650
24	Solenoid valve without flow control; 220-240V/50-60HZ	31 06 187		
24	Solenoid valve without flow control; 180-220V/50-60HZ	31 06 199		
25	Washer; D4,3 X D12 X 1,0	22 05 300		
26	Pan head screw; M4 X 8	20 10 210		
27	Solenoid valve filter	31 06 186		
28	Hose WRC tested + gaskets; DN13 X 3,5; 1500 4002033	40 02 019		incl. item 28.1
28.1	Gasket; D16 X D24 X 3,0	80002241	2	
29	Dirt catcher cpl.	80002153		incl. item 29.1 - 29.3
29.1	Double nipple; G 3/4" X 40; SW30	80002167		
29.2	Gasket; D16 X D24 X 3,0	80002241	2	
29.3	Strainer cpl.; D27 X 67	80002728		