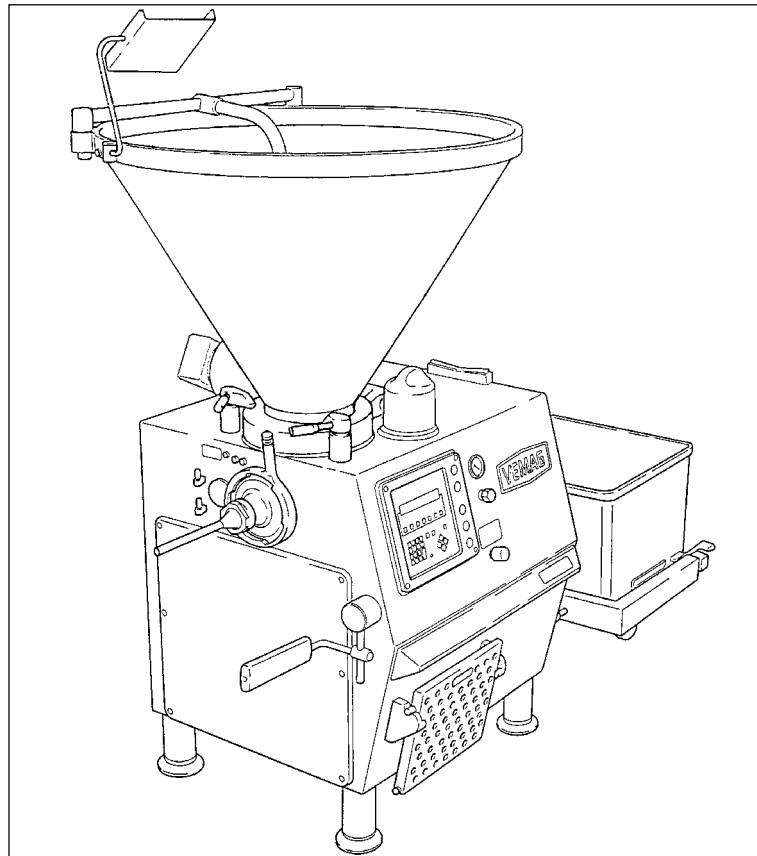


Vacuum filler ROBOT HP15C

Spare parts catalogue
(from machine number 143.1003)



MASCHINENBAU GMBH

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We reserve the right to make technical modifications

Issue: 09/01

Version: 3.0 EN

Foreword

This spare parts catalogue for the ROBOT HP15C continuous vacuum filler applies from

machine number 143.1003

When ordering spare parts, please always quote the machine number for which the spare part is required, together with the order number, quantity and name of the relevant spare part.

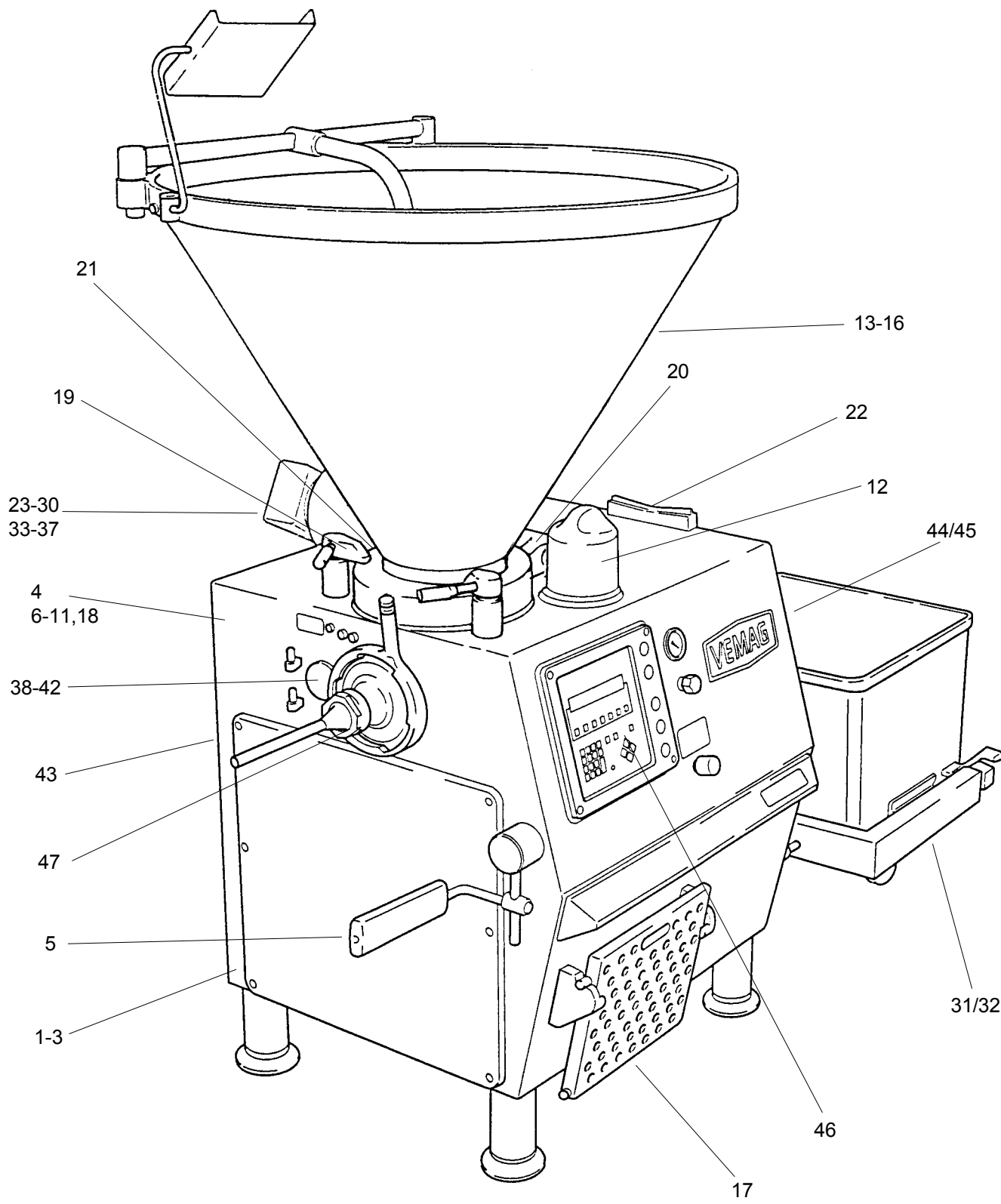
Example order:

For machine no.	143.xxxx
1 low pressure hydraulic hose	067.462.002
2 needle bearings	064.203.201

The machine number can be found on the rating plate under the main switch on the rear of the machine.

The spare parts catalogue is arranged by subassembly. A list of all the subassemblies of the machine can be found in the machine summary. From there you are taken to the desired subassembly. Subassemblies which appear in bold in the spare parts list are broken down further below. Parts subject to wear are marked with a "W".

Machine summary

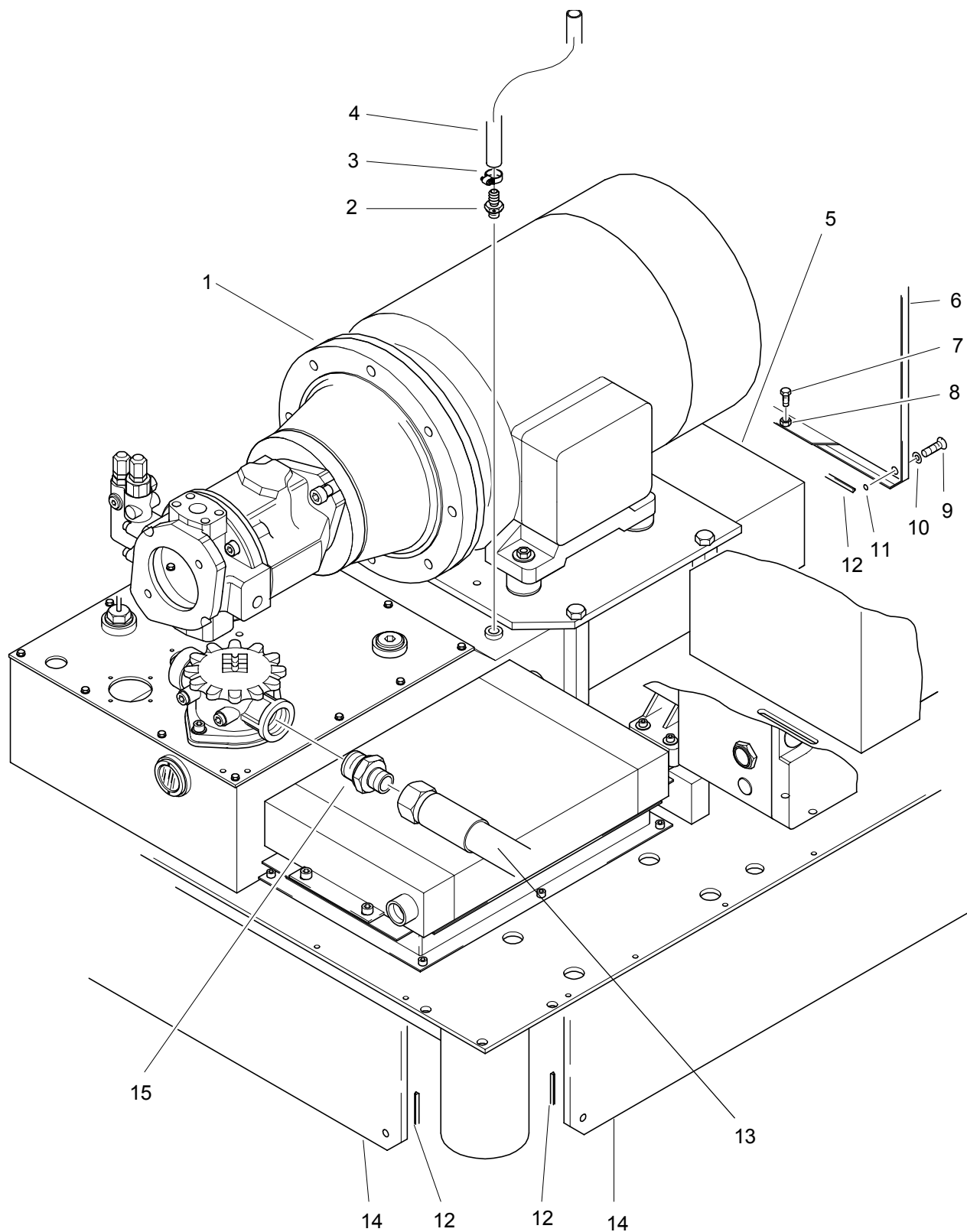


Machine summary

Item	Subassembly no.	Name	Page
1	143.100.001	Understructure	5
2	143.610.002	Pump unit for pumping system and feed unit cpl.	13
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6	143.240.003	Valve manifold for pumping system cpl. (without linker / with separate linker)	25
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8	143.251.001	Gear wheel bearing	29
9	143.252.001	Hydraulic motor	31
10	121.420.000	Drive für pumping system cpl.	33
11	143.280.000	Support cpl.	35
12	143.500.000	Vacuum system	37
13	142.300.003	Hopper, 250 l	41
14	142.300.002	Hopper, 350 l	41
15	142.330.003	Hopper, 250 l, cpl.	45
16	142.330.002	Hopper, 350 l, cpl.	45
17	143.340.000	Step	47
18	143.350.005	Drive for feed unit	49
19	142.360.000	Hopper locking mechanism	51
20	142.370.000	Hopper cushioning	53
21	142.380.000	Safety switch for hopper	55
22	142.390.000	Stop	57
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24	143.400.001	Lifting/tipping device, entered from rear, 350 l	59
25	143.400.002	Lifting/tipping device, entered from side, 250 l	61
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28	143.420.000	Tipping arm, 250 l	65
29	143.420.001	Tipping arm, 350 l	65
30	143.430.001	Cover hood	67
31	140.440.006	Trolley hoist, entered from rear	69
32	140.440.003	Trolley hoist, entered from side	71
33	143.450.000	Hydraulic control for lifting/tipping device	73
34	093.914.303	Valve manifold for lifting/tipping device cpl.	75
35	143.460.000	Tipping mechanism, 250 l	77
36	143.460.001	Tipping mechanism, 350 l	77
37	143.480.000	Electric control for lifting/tipping device	79
38	143.700.000	Separate linker	81
39	150.750.001	Drive for linker cpl.	83
40	150.752.000	Bearing for linker cpl.	85
41	143.770.000	Pump unit for linker	87
42	093.914.306	Valve manifold for linker cpl.	89
43	140.830.001	Socket cover	91
44	143.850.001	Control panel	93
45	140.851.003	Control panel facing	97
46	871.370.002	Power electronics	99
47	-	Double screw housing and filling horn holder	101
-	-	Tools and accessories	103
-	-	Lubricants	105

143.100.001

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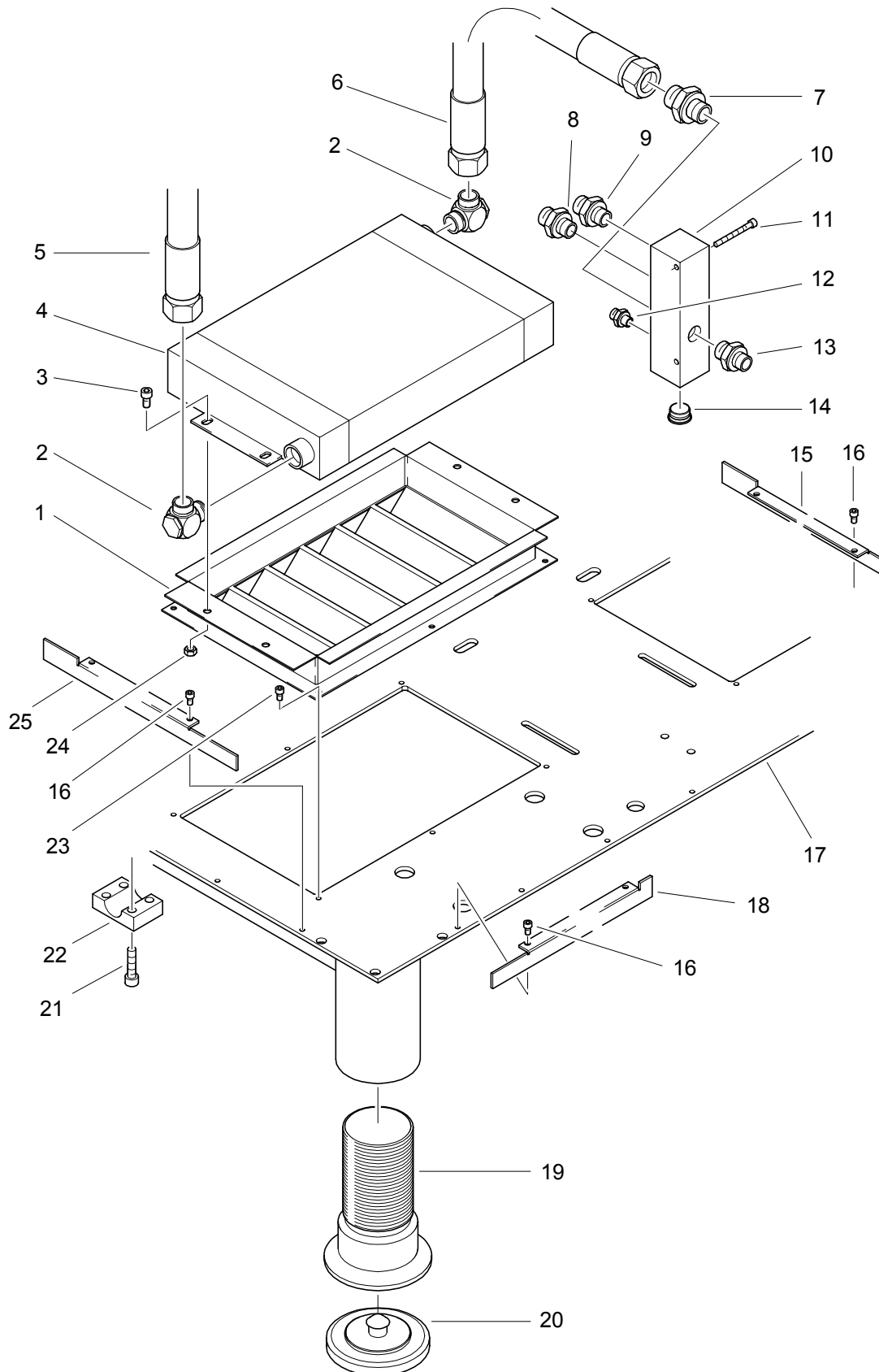
Understructure**143.100.001**

1/4

Item	Order no.	Quantity	W	Name
1	143.610.002	1	-	Pump unit for pumping system and feed unit, cpl.
2	067.690.061	1	-	Hose connection, threaded connector
3	067.700.141	1	-	Jubilee clip
4	067.450.062	1	-	Low pressure hydraulic hose (→ 143.252.001, item 13) (→ 143.700.000, item 6)
5	143.640.001	1	-	Tank, cpl.
6	143.162.003	1	-	Cover assembly
7	040.906.115	6	-	M6 x 20 cylindrical bolt
8	045.006.065	6	-	M6 hexagonal nut
9	042.108.135	23	-	M8 x 25 raised-head countersunk screw
10	067.110.071	23	-	Plastic washer
11	061.000.601	23	x	O-ring
12	143.100.360	10 m	-	Sealing profile
13	067.462.003	-	-	Low pressure hydraulic hose (→ 143.100.001, 2/4, item 5)
14	143.161.001	2	-	Cover assembly
15	067.802.201	1	-	Screw-in part

143.100.001

2/4



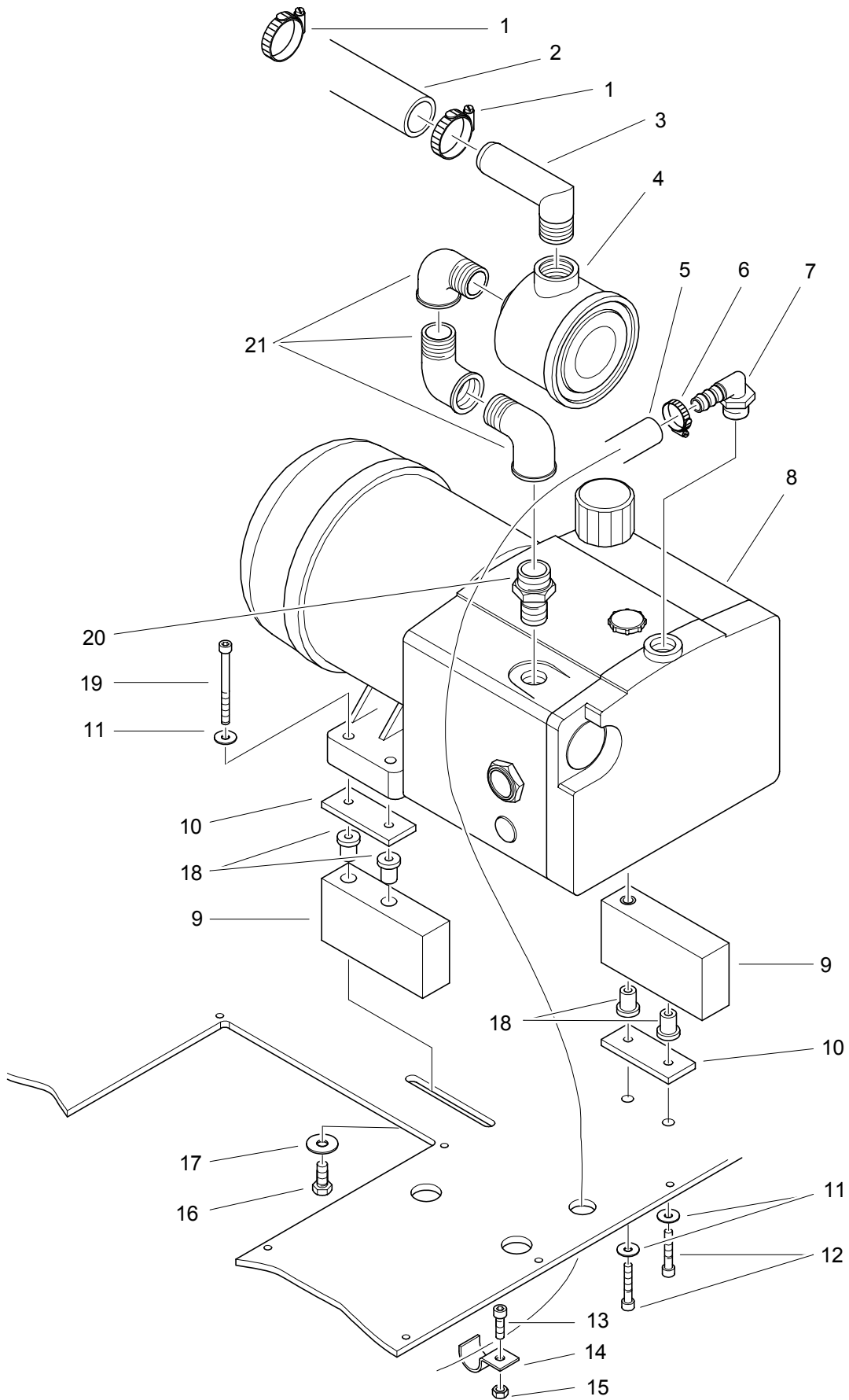
Understructure**143.100.001**

2/4

Item	Order no.	Quantity	W	Name
1	143.150.000	1	-	Cooler hood assembly
2	067.862.202	2	-	Swivelling screwed connection
3	040.908.095	4	-	M8 x 16 cylindrical bolt
4	093.914.305	1	-	Oil-to-air cooler block
5	067.462.003	1	-	Low pressure hydraulic hose (→ 143.100.001, 1/4, item 13)
6	067.462.002	1	-	Low pressure hydraulic hose
7	067.812.202	1	-	Screw-in screwed connection, straight
8	067.811.501	1	-	Screw-in screwed connection, straight (→ 143.200.001, 3/3, item 18)
9	067.811.803	1	-	Screw-in screwed connection, straight (→ 143.350.005, item 15)
10	143.100.490	1	-	Centralised reduction, return
11	040.906.255	2	-	M6 x 60 cylindrical bolt
12	067.810.801	1	-	Screw-in screwed connection, straight (→ 143.450.000, item 11)
13	067.811.501	1	-	Screw-in screwed connection, straight (→ 143.700.000, item 11)
14	068.052.001	1	-	Shut-off screw
15	143.100.070	1	-	Edge strip
16	040.906.055	22	-	M6 x 10 cylindrical bolt
17	143.110.001	1	-	Base-plate assembly
18	143.100.080	1	-	Edge strip
19	140.100.030	4	-	Screw-in foot
20	140.100.040	4	-	Rubber buffer
21	040.910.195	4	-	M10 x 40 cylindrical bolt
22	143.116.020	1	-	Clamp
23	040.906.055	6	-	M6 x 10 cylindrical bolt
24	045.008.065	4	-	M8 hexagonal nut
25	143.100.090	1	-	Edge strip

143.100.001

3/4



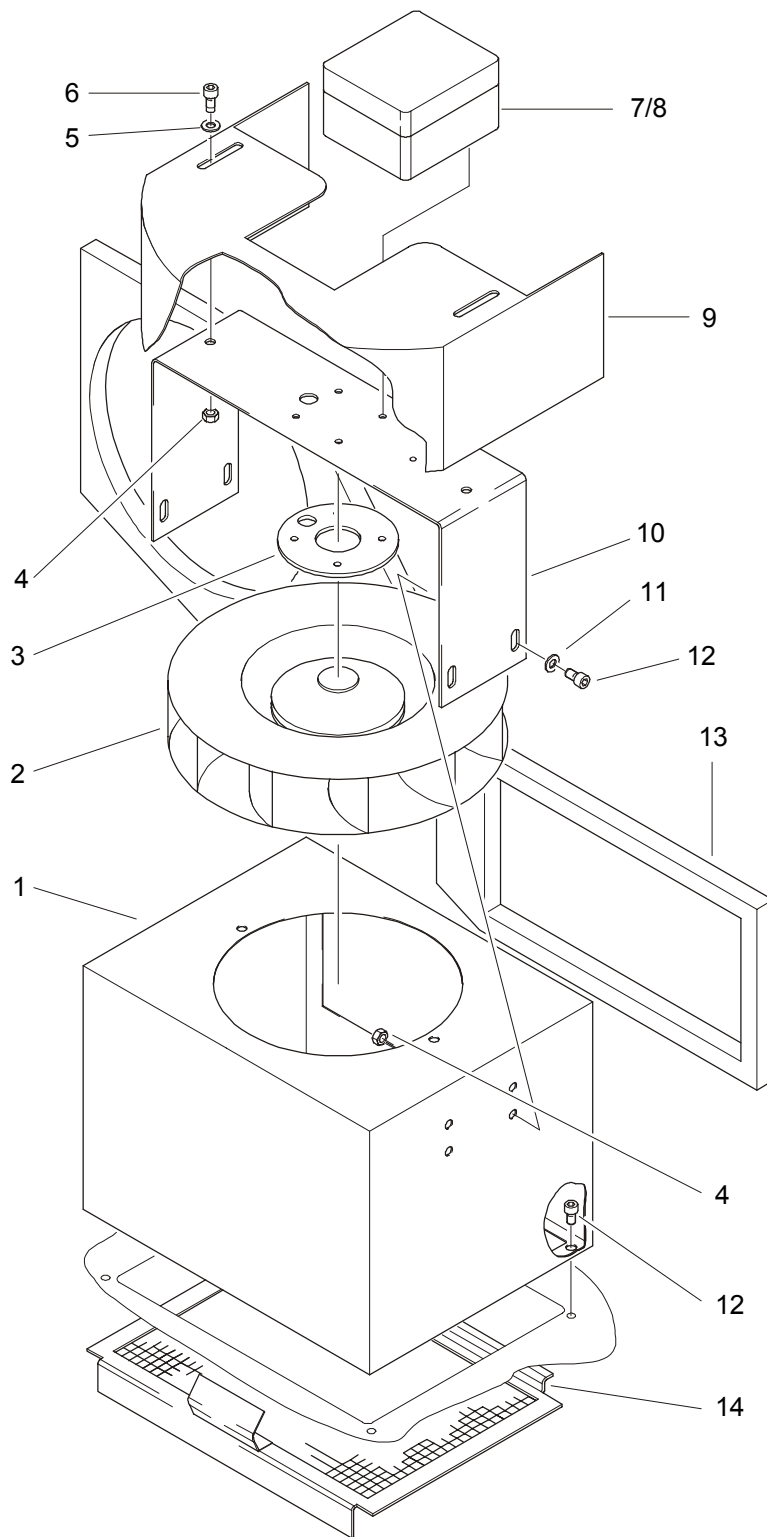
Understructure**143.100.001**

3/4

Item	Order no.	Quantity	W	Name
1	067.710.321	2	-	Worm drive hose clip
2	143.500.300	1	-	Plastic spiral hose
3	067.540.251	1	-	Bend
4	124.580.000	1	-	Air filter plus filter cartridge
-	090.113.202	(1)	x	Filter cartridge
5	143.500.540	1	-	Textile hose
6	067.710.251	1	-	Worm drive hose clip
7	067.540.123	1	-	Hose angle screwed connector
8	090.113.403	1	-	Vacuum pump
-	090.190.011	(1)	x	Vacuum pump sealing kit
-	090.190.902	(1)	x	Vacuum pump filter cartridge
-	090.190.905	(1)	x	Vacuum pump air de-oiling element
-	090.190.906	(3)	x	Vacuum pump vane
-	063.062.051	(1)	x	Vacuum pump ball-bearing
-	063.062.045	(1)	x	Vacuum pump ball-bearing
-	090.190.806	(1)	x	Vacuum pump intake screen
9	143.100.691	3	-	Vacuum pump screw-on block
10	143.100.680	3	-	Vacuum pump screw-on plate
11	046.106.020	6	-	Washer
12	040.906.175	2	-	M6 x 35 cylindrical bolt
13	040.906.115	1	-	M6 x 20 cylindrical bolt
14	067.760.221	1	-	Bracket
15	045.006.065	1	-	M6 hexagonal nut
16	040.908.175	2	-	M8 x 20 hexagonal bolt
17	046.108.020	2	-	Washer
18	066.750.060	6	-	Rapid attachment element
19	040.906.255	4	-	M6 x 60 cylindrical bolt
20	068.460.206	1	-	Double nipple
21	068.410.205	3	-	Angle

143.100.001

4/4



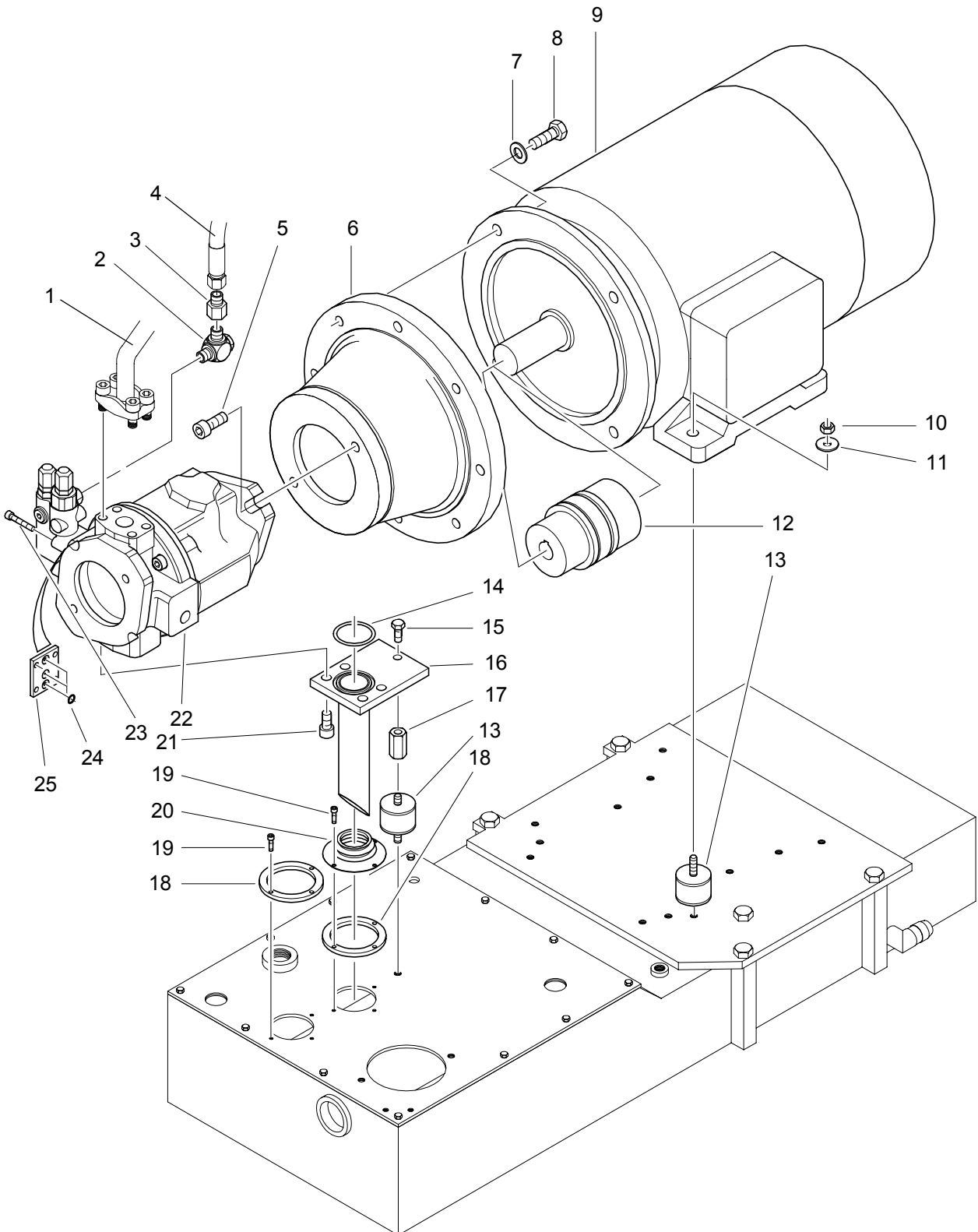
Understructure**143.100.001**

4/4

Item	Order no.	Quantity	W	Name
1	143.100.390	1	-	Fan hood
2	093.314.302	1	-	Radial fan
3	143.100.430	1	-	Rubber washer
4	045.006.065	6	-	M6 hexagonal nut
5	046.006.010	2	-	Spacer
6	040.906.065	2	-	M6 x 12 cylindrical bolt
7	073.100.007	1	-	Terminal box
8	073.100.004	1	-	Capacitor
9	143.102.000	1	-	Spray guard assembly
10	143.100.380	1	-	Fan holder
11	046.006.010	4	-	Washer
12	040.906.055	8	-	M6 x 10 cylindrical bolt
13	143.100.370	1	-	Fan sealing
14	143.101.000	1	-	Fan grid assembly

143.610.002

1/1



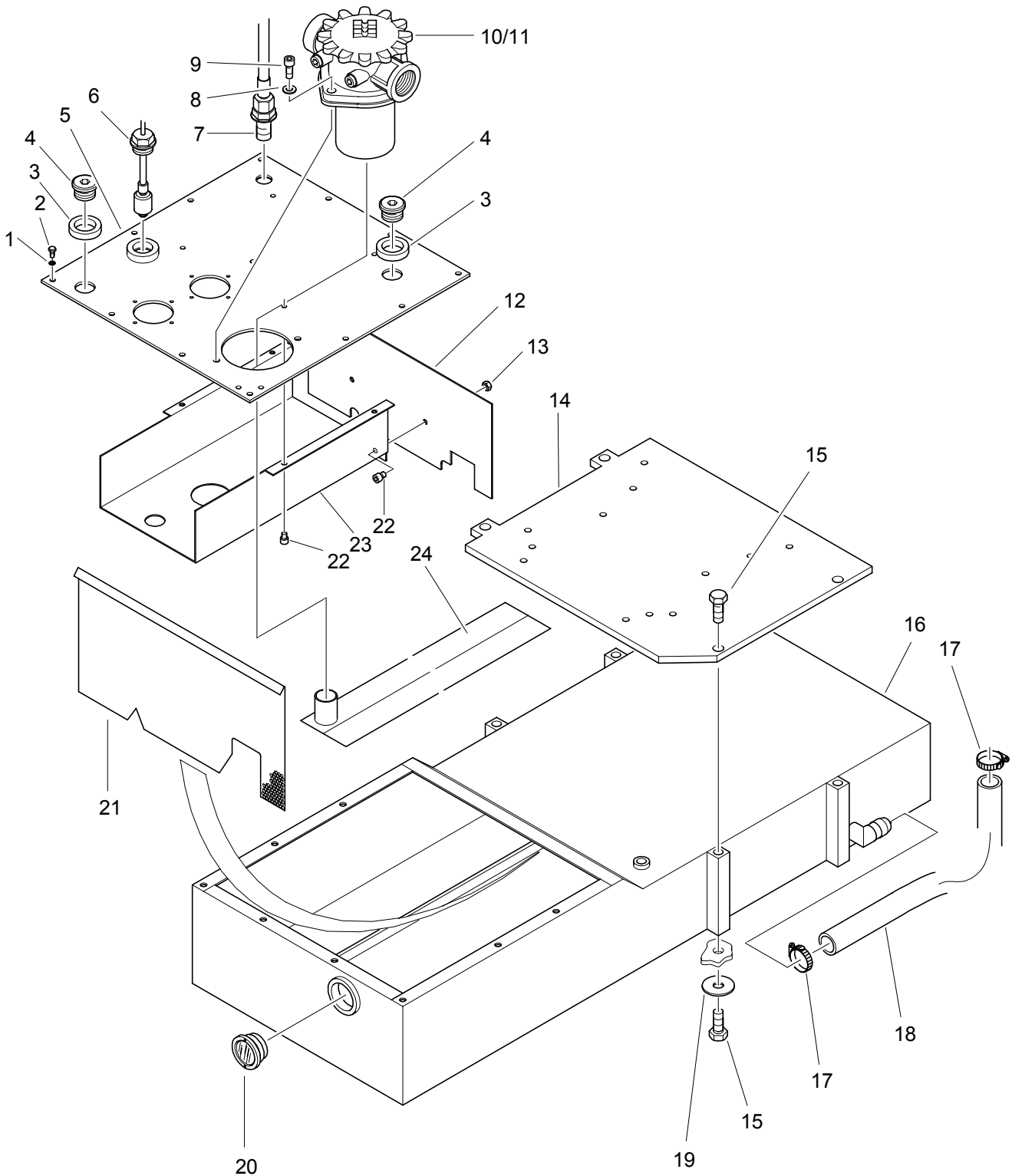
Pump unit for pumping system and feed unit cpl.**143.610.002**

1/1

Item	Order no.	Quantity	W	Name
1	067.461.601	-	-	Hydraulic hose (→ 143.200.001, 3/3, item 12)
2	067.860.807	1	-	Swivelling screwed connection
3	140.696.000	1	-	Screw-down screwed connection assembly
4	067.460.601	-	-	Hydraulic hose (→ 143.200.001, 3/3, item 17)
5	040.912.155	2	-	M12 x 30 cylindrical bolt
6	090.214.102	1	-	Pump support
7	046.013.010	4	-	Washer
8	040.212.175	4	-	M12 x 35 hexagonal bolt
9	081.570.223	1	-	Rotary current motor
10	045.108.015	4	-	M8 hexagonal nut
11	046.108.020	4	-	Washer
12	091.214.301	1	-	Clutch
13	143.610.140	5	-	Rubber/metal buffer
14	061.004.002	1	-	O-ring
15	040.208.115	1	-	M8 x 20 hexagonal bolt
16	143.628.000	1	-	Pipe assembly
17	143.610.411	1	-	Spacer
18	140.600.240	2	-	Intermediate ring
19	040.904.095	8	-	M4 x 16 cylindrical bolt
20	060.503.201	1	-	Bellows
21	040.910.115	4	-	M10 x 20 cylindrical bolt
22	090.214.001	1	-	Hydraulic pump (→ 143.640.001, item 7)
23	040.906.175	4	-	M6 x 35 cylindrical bolt
24	061.000.701	3	-	O-ring
25	143.610.061	1	-	Throttle plate

143.640.001

1/1



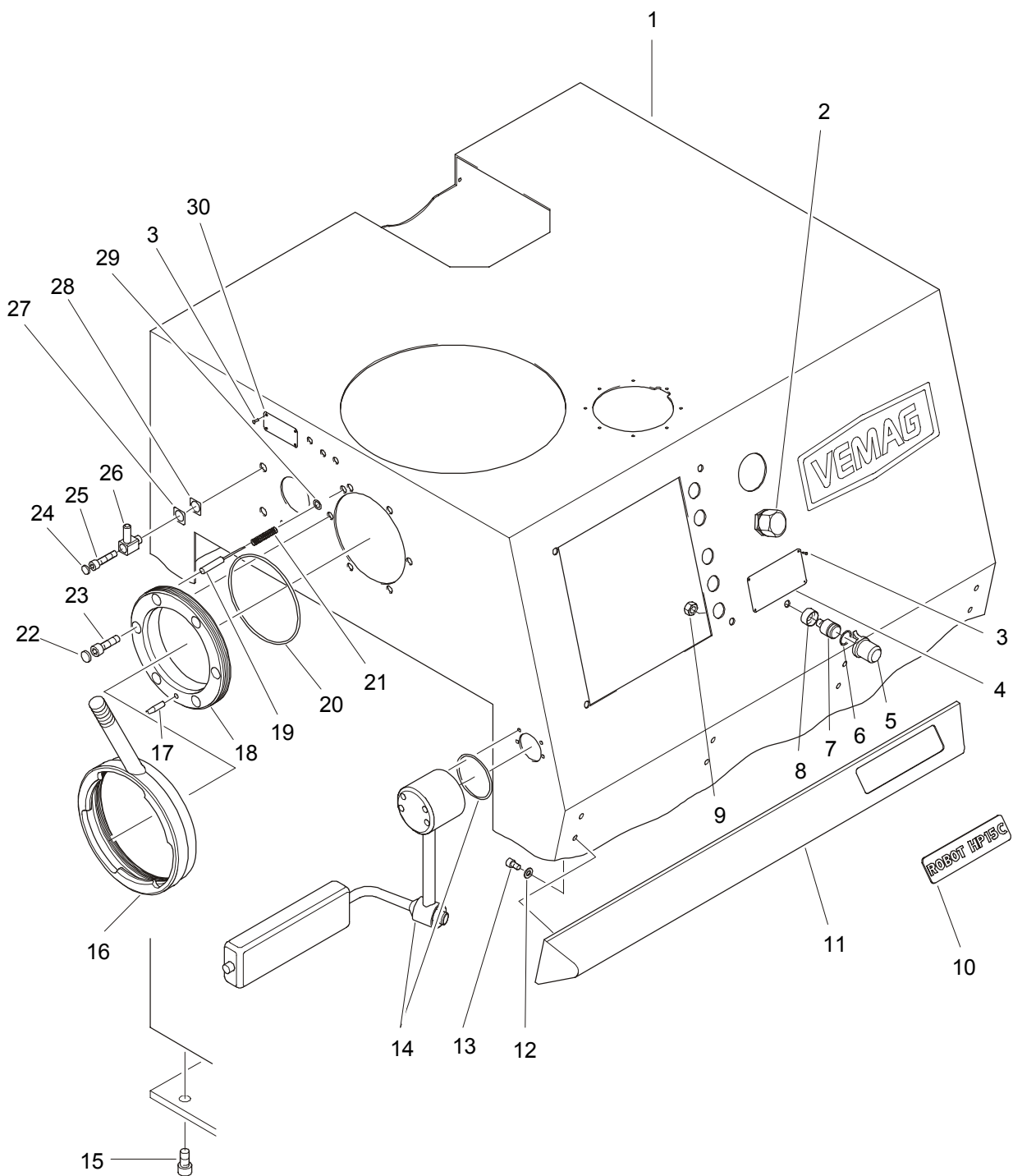
Tank cpl.**143.640.001**

1/1

Item	Order no.	Quantity	W	Name
1	046.005.010	12	-	Washer
2	040.205.045	12	-	M5 x 8 hexagonal bolt
3	143.640.270	2	-	Sealing ring
4	068.052.001	2	-	Shut-off screw
5	143.640.200	1	-	Cover plate
6	071.498.002	1	-	Level indicator
7	067.461.005	1	-	Hose (→ 143.610.002, item 22)
8	046.008.010	2	-	Washer
9	040.908.115	2	-	M8 x 20 cylindrical bolt
10	093.914.304	1	-	Return filter
11	093.990.006	1	x	Filter cartridge
12	143.640.220	1	-	Plate
13	040.006.065	2	-	M6 hexagonal nut
14	143.640.031	1	-	Console
15	040.212.155	8	-	M12 x 30 hexagonal bolt
16	143.641.001	1	-	Tank assembly
17	067.710.321	2	-	Worm drive hose clip
18	150.640.440	1	-	Intake hose
19	046.113.015	4	-	Washer
20	067.150.321	1	-	Oil sight glass
21	143.640.020	1	-	Perforated plate
22	040.906.045	6	-	M6 x 8 cylindrical bolt
23	143.640.210	1	-	Plate angle
24	143.646.000	1	-	Return pipe assembly

143.200.001

1/3



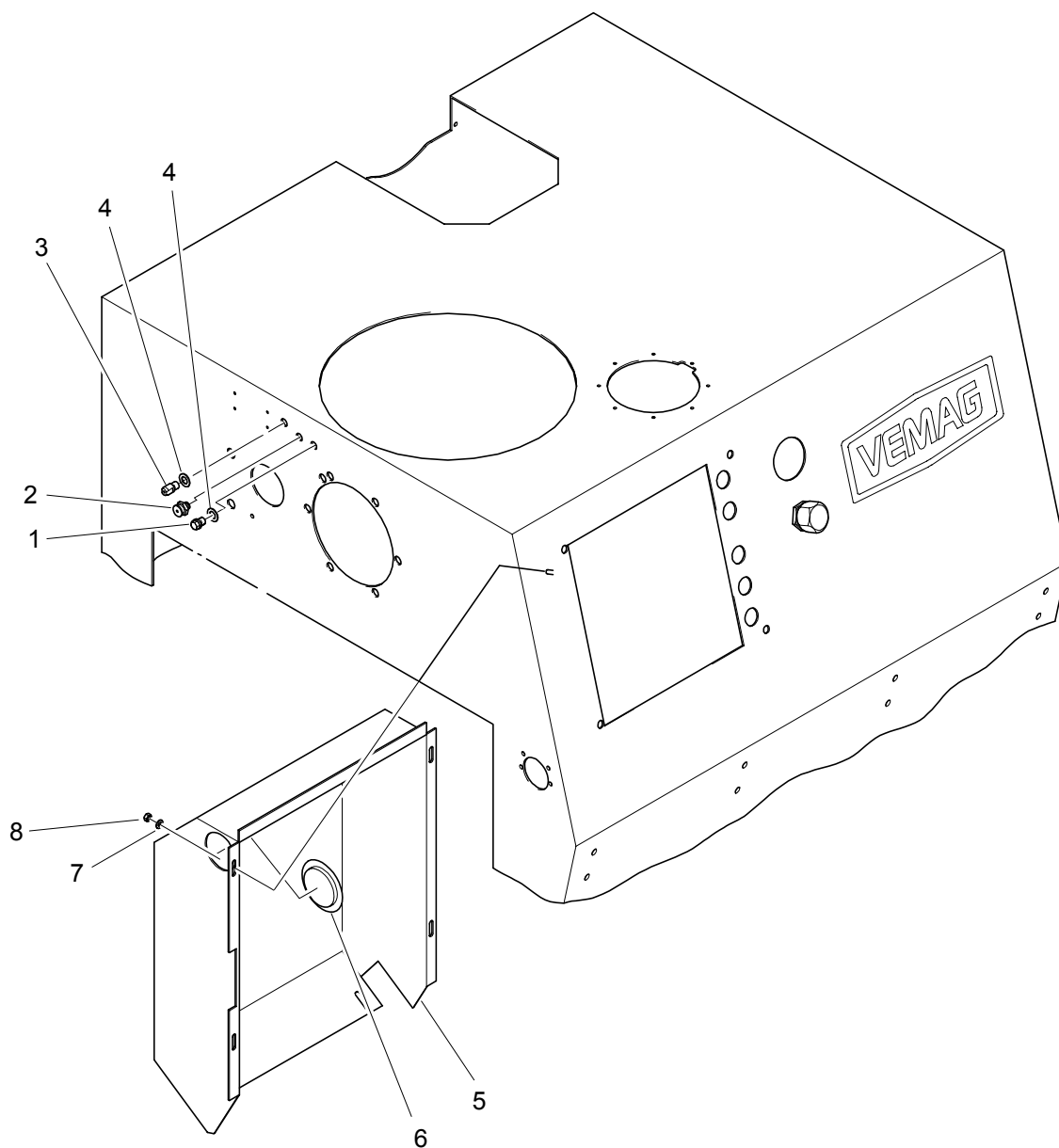
Top part of machine**143.200.001**

1/3

Item	Order no.	Quantity	W	Name
1	142.292.000	1	-	Machine housing assembly
2	143.500.000	1	-	Vacuum system cpl.
3	048.303.055	8	-	Hemispherical grooved drive stud
4	126.010.080	1	-	Vacuum information plate
5	142.300.600	1	-	Cleaning plug
6	061.002.002	1	x	O-ring
7	124.180.050	1	-	Pin
8	142.300.580	1	-	Ring
9	045.012.065	1	-	M12 hexagonal nut
10	143.010.070	1	-	Machine information plate
11	143.201.001	1	-	Protective strip
12	046.008.010	8	-	Washer
13	040.908.095	8	-	M8 x 16 cylindrical bolt
14	143.140.000	1	-	Knee lever bearing cpl.
15	040.910.115	16	-	M10 x 20 cylindrical bolt
16	140.280.000	1	-	Locking nut
17	140.200.360	1	-	Cylindrical pin
18	140.200.321	1	-	Threaded flange
19	140.873.801	1	-	Machine safety switch
20	061.015.201	1	-	O-ring
21	090.712.601	1	-	Compression spring
22	060.302.001	6	-	Plastic cover
23	040.912.197	6	-	M12 x 40 cylindrical bolt
24	060.301.501	2	-	Plastic cover
25	150.754.030	2	-	M10 x 45 cylindrical bolt
26	150.754.010	2	-	Hinge block
27	143.200.360	-	-	Spacer plate 0.5 (number determined on assembly)
28	143.200.370	-	-	Spacer plate 0.1 (number determined on assembly)
29	046.005.010	1	-	Washer
30	140.010.200	1	-	Lubrication information plate

143.200.001

2/3



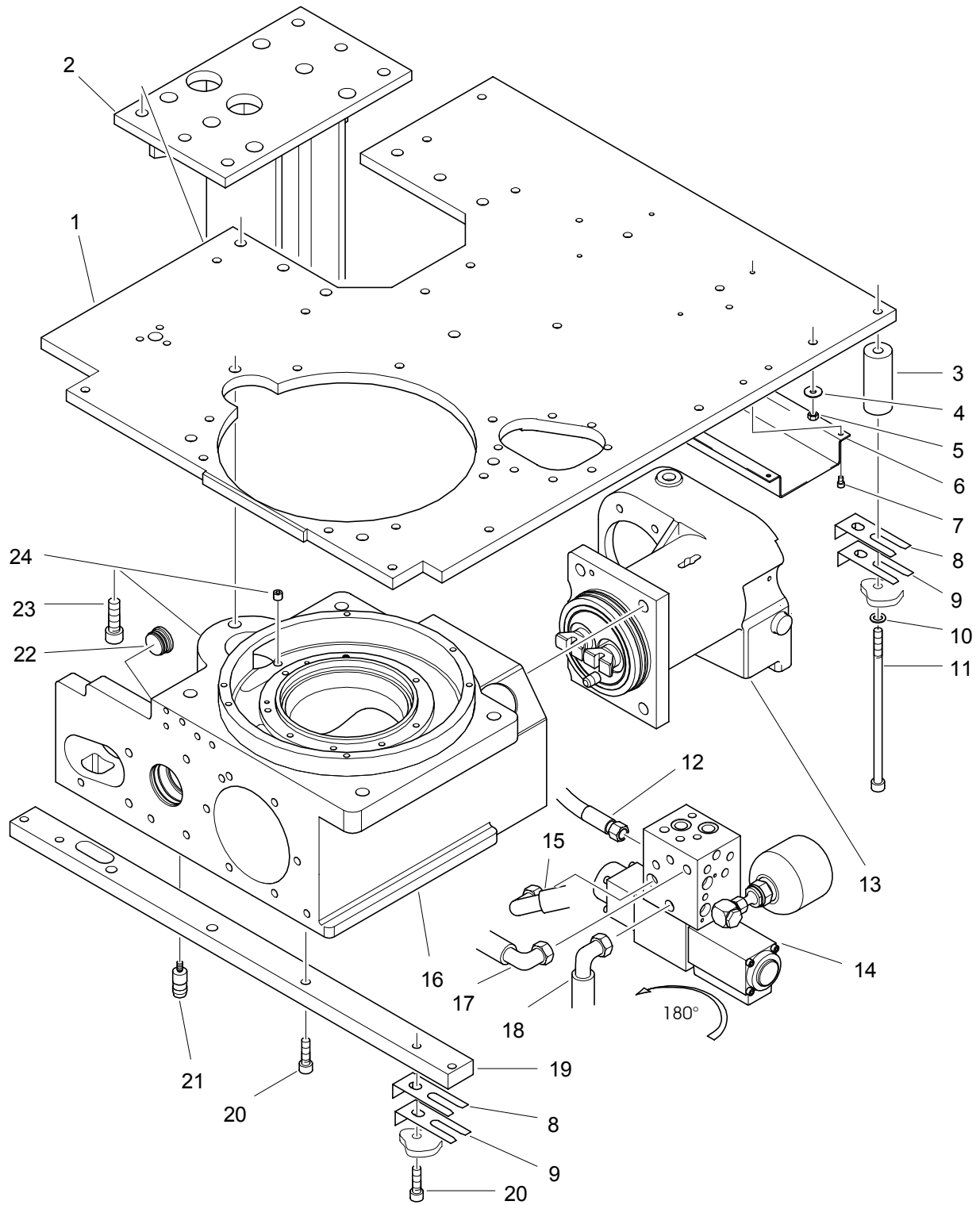
Top part of machine**143.200.001**

2/3

Item	Order no.	Quantity	W	Name
1	043.010.215	1	-	Shut-off screw
2	067.200.105	1	-	Flat lubricating nipple
3	150.352.000	1	-	Grease relief valve
4	046.010.035	2	-	Washer
5	143.200.550	1	-	Housing for control unit
6	060.306.101	1	-	Cover
7	046.006.010	6	-	Washer
8	045.006.065	6	-	M6 hexagonal nut

143.200.001

3/3



Top part of machine

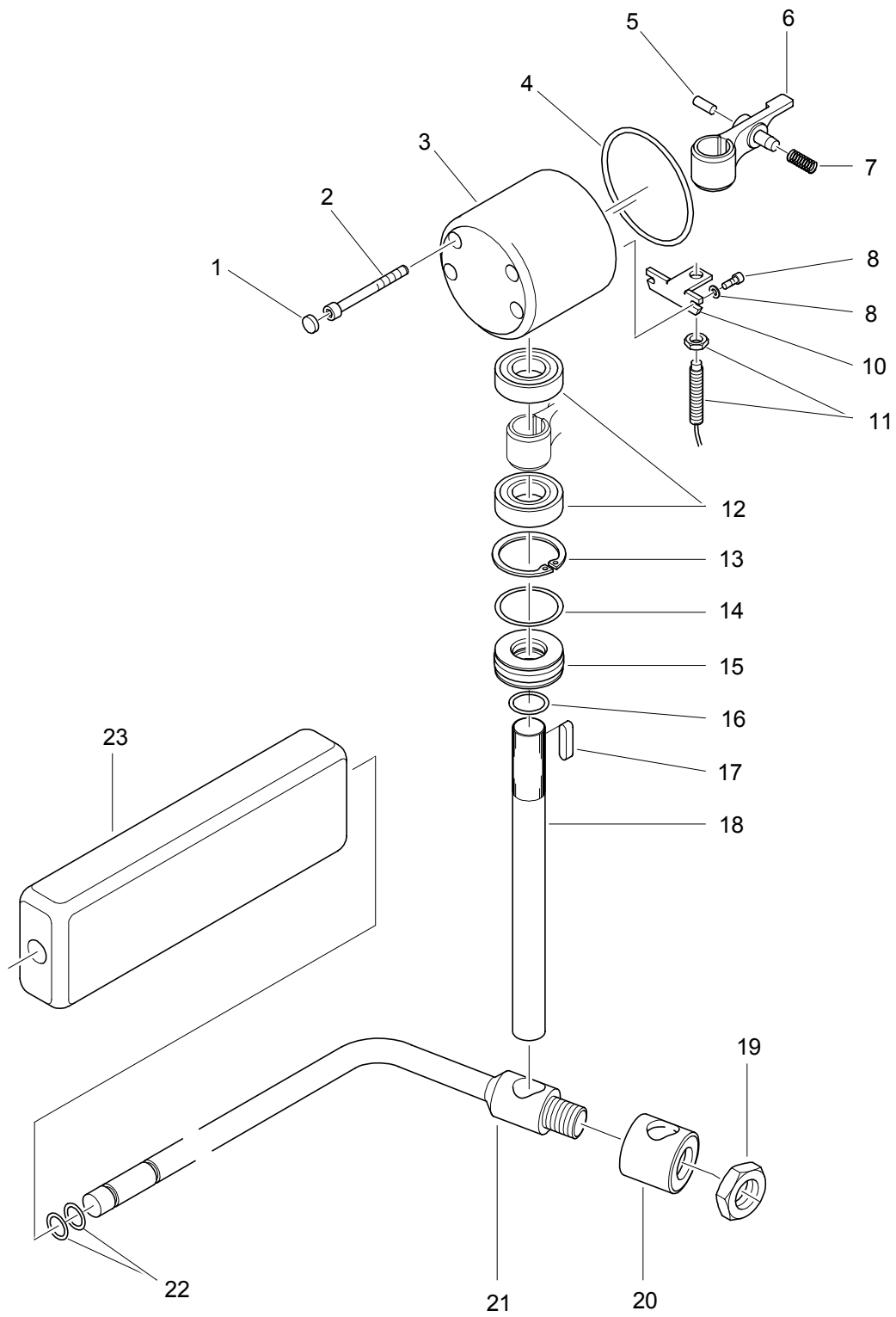
143.200.001

3/3

Item	Order no.	Quantity	W	Name
1	143.200.080	1	-	Reinforcement plate
2	143.280.000	1	-	Support cpl.
3	143.200.190	2	-	Spacer
4	046.108.020	22	-	Washer
5	045.008.065	22	-	M8 hexagonal nut
6	143.200.382	1	-	Cable duct
7	040.906.065	4	-	M6 x 12 cylindrical bolt
8	143.200.171	8	-	Compensating plate
9	143.200.181	8	-	Compensating plate
10	046.013.010	2	-	Washer
11	040.912.395	2	-	M12 x 130 cylindrical bolt
12	067.461.601	1	-	Hydraulic hose (→ 143.610.002, item 1)
13	143.250.001	1	-	Gear cpl.
14	143.240.003	1	-	Valve manifold for pumping system cpl. (without linker / with separate linker)
15	067.461.603	-	-	Hydraulic hose (→ 143.350.005, item 13)
16	143.210.001	1	-	Pumping cylinder assembly
17	067.460.601	1	-	Hydraulic hose (→ 143.610.002, item 4)
18	067.461.602	1	-	Hydraulic hose (→ 143.100.001, 2/4, item 8)
19	143.200.160	1	-	Rail
20	040.912.197	7	-	M12 x 40 cylindrical bolt
21	143.200.480	1	-	Journal
22	060.303.801	1	-	Vane plug
23	040.916.235	5	-	M16 x 50 cylindrical bolt
24	044.012.055	1	-	Threaded pin

143.140.000

1/1



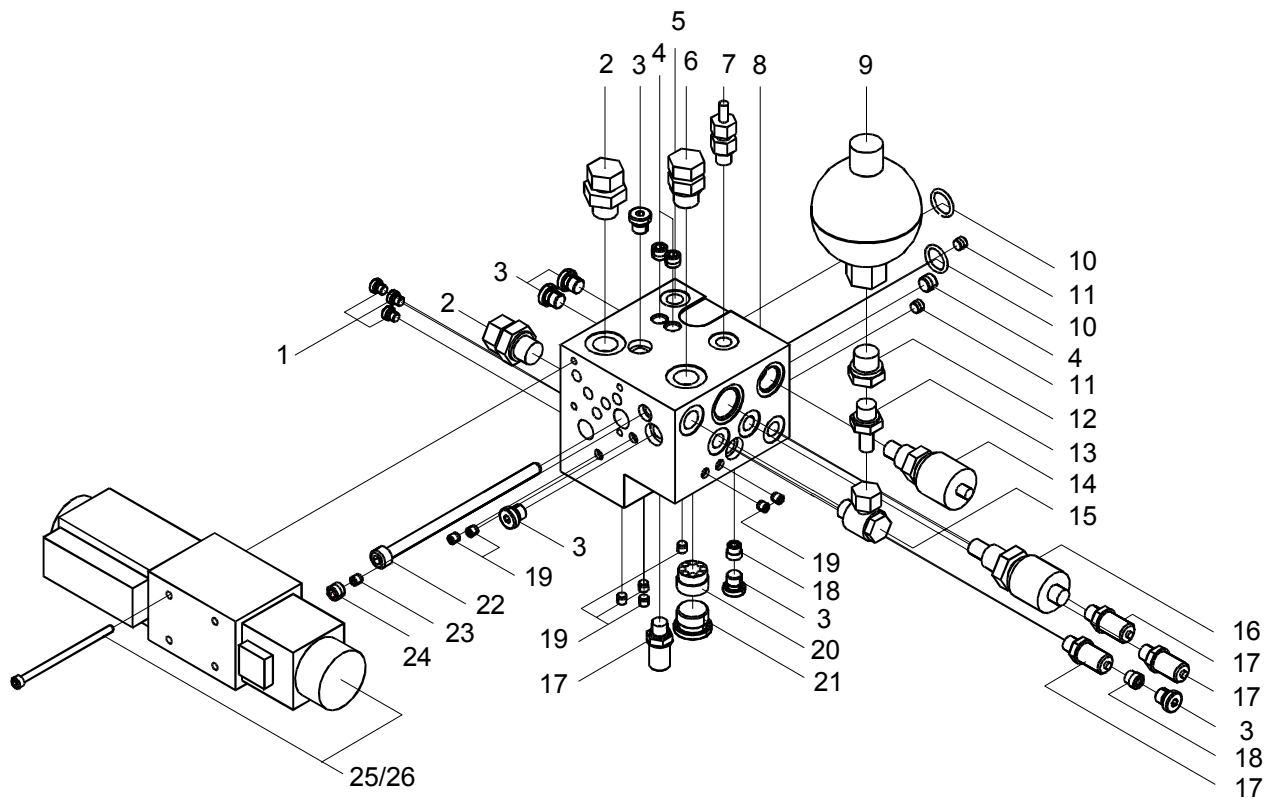
Knee lever bearing cpl.**143.140.000**

1/1

Item	Order no.	Quantity	W	Name
1	060.301.101	4	-	Plastic cover
2	040.906.255	4	-	M6 x 60 cylindrical bolt
3	140.140.010	1	-	Bearing housing
4	061.007.301	1	-	O-ring
5	140.140.040	1	-	Stop
6	140.140.020	1	-	Lever
7	090.783.801	1	-	Compression spring
8	040.904.055	2	-	M4 x 10 cylindrical bolt
9	043.004.010	2	-	Washer
10	140.140.270	1	-	Switch locator
11	071.452.019	1	x	Proximity switch with cable
12	063.060.045	2	-	Deep-groove ball-bearing
13	049.320.420	1	-	Guard ring
14	061.003.601	1	x	O-ring
15	123.170.110	1	-	Washer
16	061.002.002	1	x	O-ring
17	049.006.100	1	-	Key
18	123.170.030	1	-	Selector shaft
19	045.120.025	1	-	M20 hexagonal nut
20	140.140.180	1	-	Clamping bushing
21	143.141.000	1	-	Sliding selector assembly
22	061.001.101	2	-	O-ring
23	140.140.220	1	-	Selector plate

143.240.003

1/1



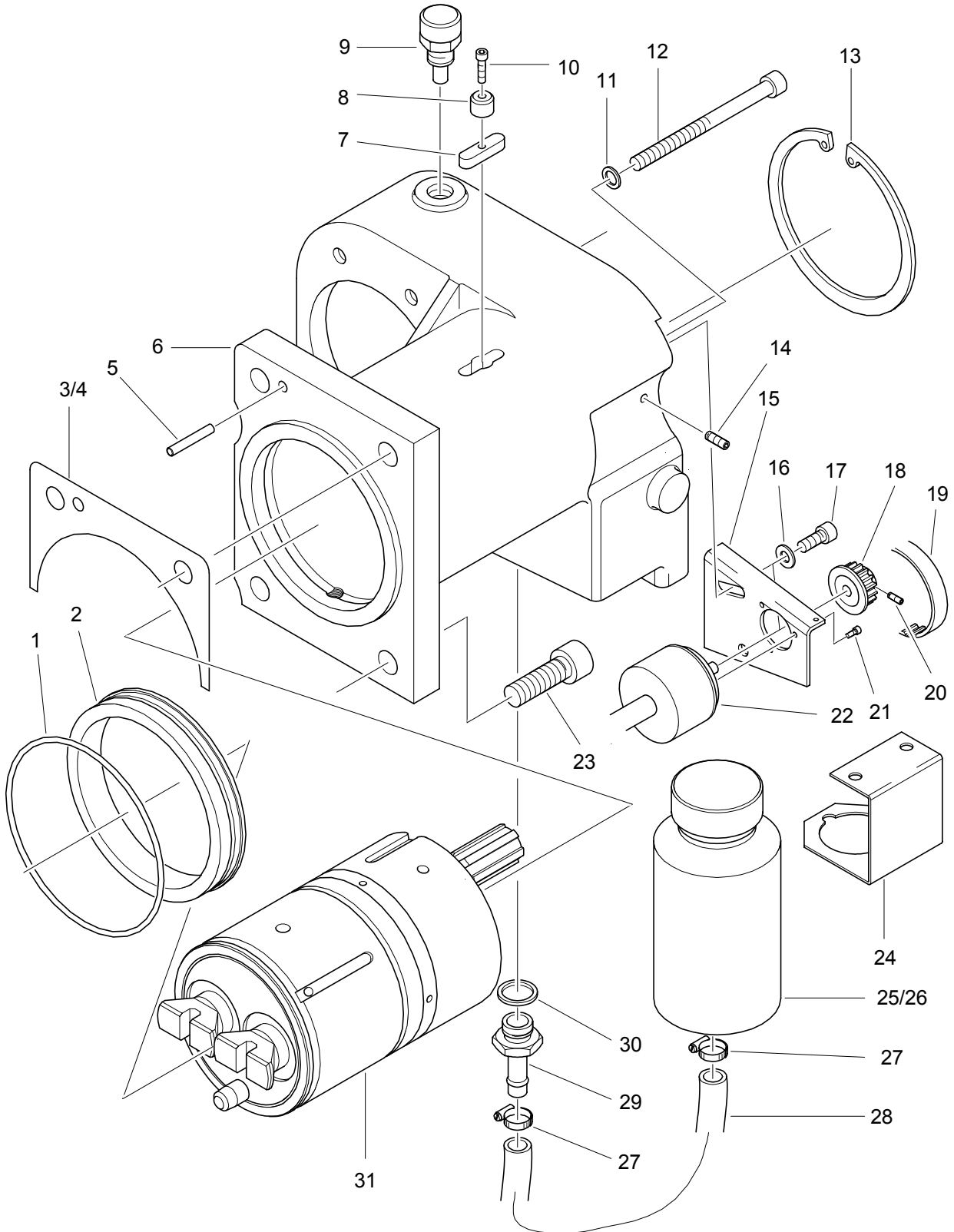
Valve manifold for pumping system cpl. (without linker / with separate linker)**143.240.003**

1/1

Item	Order no.	Quantity	W	Name
-	093.914.308	1	-	Valve manifold
1	043.008.215	(3)	-	Shut-off screw
2	067.811.801	(2)	-	Screw connection
3	068.050.802	(6)	-	Shut-off screw
4	068.050.808	(3)	-	Shut-off screw
5	093.014.001	1	-	Knob temperature controller
6	067.811.501	(1)	-	Screw connection
7	067.810.820	(1)	-	Screw connection
8	090.914.312	(1)	-	Base plate
9	093.615.301	(1)	-	Hydraulic accumulator
10	061.002.404	(2)	x	O-ring
11	068.050.807	(2)	-	Shut-off screw
12	067.921.506	(1)	-	Reduction
13	067.811.204	(1)	-	Screw connection
14	090.514.308	(1)	-	Hydraulic accessories
15	067.861.201	(1)	-	Screw connection
16	090.514.307	(1)	-	Hydraulic accessories
17	067.930.083	(4)	-	Screw coupling
18	090.514.306	(2)	-	Non-return valve
19	068.050.806	(8)	-	Shut-off screw
20	090.514.305	(1)	-	Non-return valve
21	068.052.001	(1)	-	Shut-off screw
22	040.910.397	2	-	M10 x 130 cylindrical bolt
23	068.050.810	(1)	-	Shut-off screw
24	068.050.603	(1)	-	Shut-off screw
25	090.514.001	1	-	4/3 valve
26	040.906.197	4	-	M6 x 40 cylindrical bolt

143.250.001

1/1



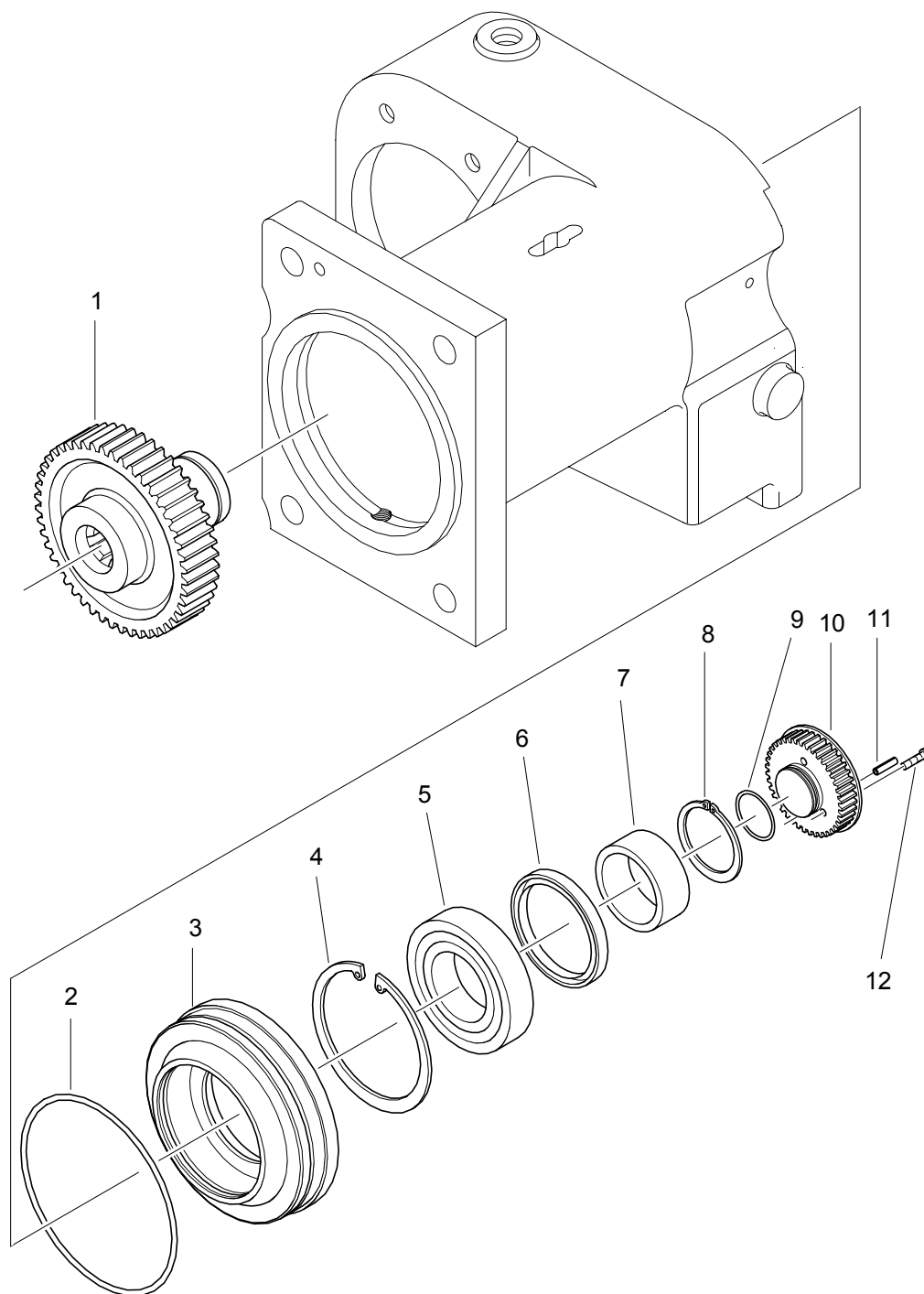
Gear cpl.**143.250.001**

1/1

Item	Order no.	Quantity	W	Name
1	061.014.402	1	x	O-ring
2	143.250.050	1	-	Ring
3	143.250.070	1	-	Compensating plate
4	143.250.080	1	-	Compensating plate
5	047.708.215	1	-	Cylindrical pin
6	143.250.011	1	-	Drive housing
7	140.210.330	1	-	Key
8	126.410.870	1	-	Threaded pin
9	096.014.301	1	-	Venting and bleeding filter
10	040.905.115	1	-	M5 x 20 cylindrical bolt
11	046.410.060	1	-	USIT ring
12	040.910.395	1	-	M10 x 130 cylindrical bolt
13	049.321.351	1	-	Guard ring
14	044.206.095	1	-	M6 x 16 threaded pin
15	143.250.210	1	-	Locator for encoder
16	046.008.010	2	-	Washer
17	040.908.115	2	-	M8 x 20 cylindrical bolt
18	140.821.201	1	-	Synchroflex gear wheel
19	066.403.901	1	x	Synchroflex toothed belt
20	044.104.055	1	-	M4 x 8 threaded pin
21	040.903.045	3	-	M3 x 8 cylindrical bolt
22	072.500.005	1	-	Encoder
23	040.916.235	4	-	M16 x 50 cylindrical bolt
24	143.250.320	1	-	Bracket for oil container
25	143.253.000	1	-	Oil container
26	140.210.480	1	-	Information plate for oil container
27	067.700.211	2	-	Jubilee clip
28	067.420.131	1	-	Hose
29	068.689.320	1	-	Hose connector
30	061.502.201	1	-	Sealing ring
31	121.420.000	1	-	Drive für pumping system cpl.

143.251.001

1/1



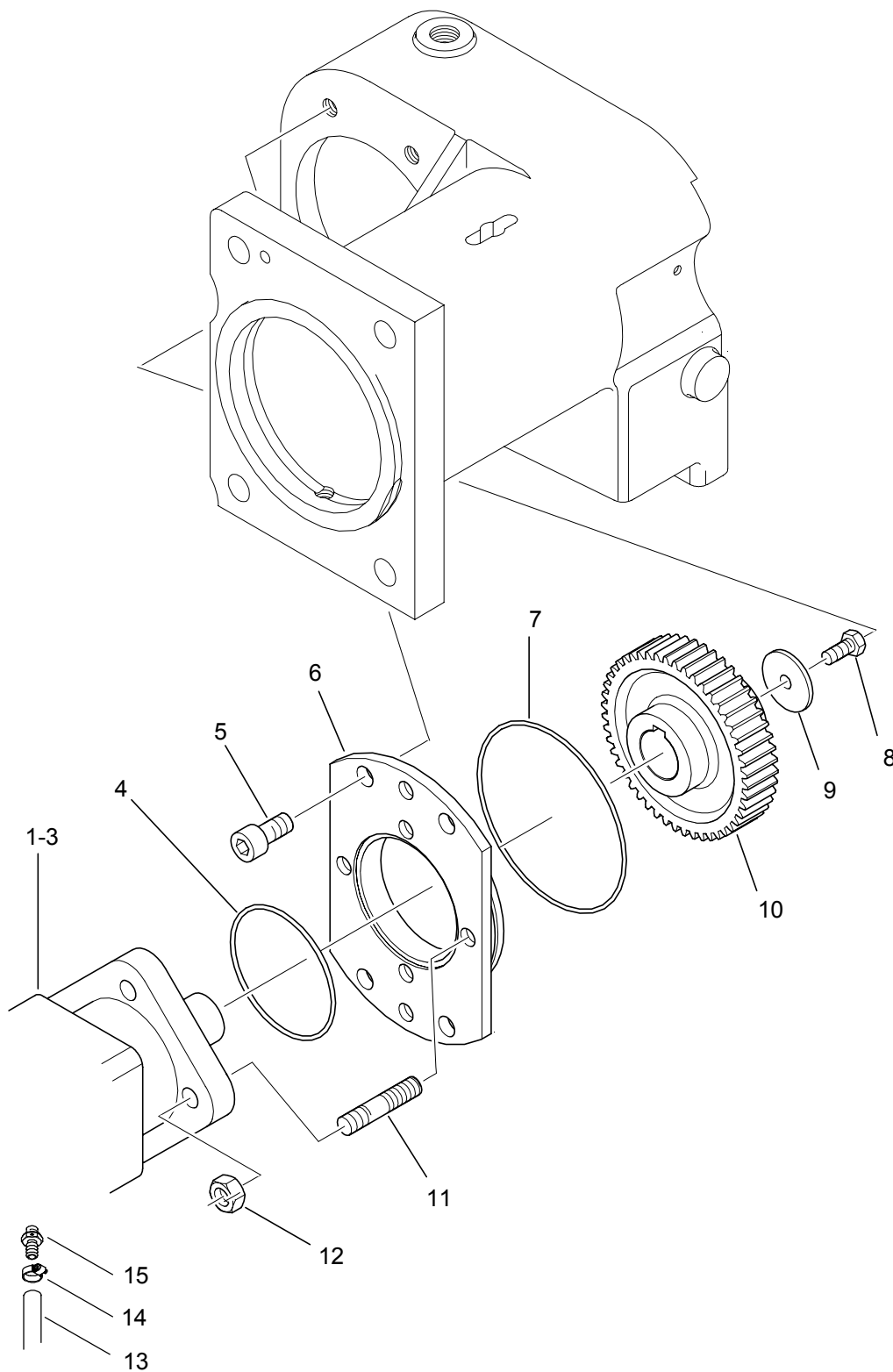
Gear wheel bearing**143.251.001**

1/1

Item	Order no.	Quantity	W	Name
1	143.251.030	1	-	Gear wheel with spline bore hub
2	061.011.502	1	x	O-ring
3	143.251.011	1	-	Gear cover
4	049.320.850	1	-	Guard ring
5	063.062.091	1	x	Deep-groove ball-bearing
6	061.105.503	1	x	Radial shaft sealing ring
7	064.204.550	1	-	Internal ring
8	049.310.450	1	-	Guard ring
9	061.002.701	1	x	O-ring
10	143.251.170	1	-	Synchroflex gear wheel
11	048.404.105	1	-	Adapter sleeve
12	040.904.095	3	-	M4 x 16 cylindrical bolt

143.252.001

1/1



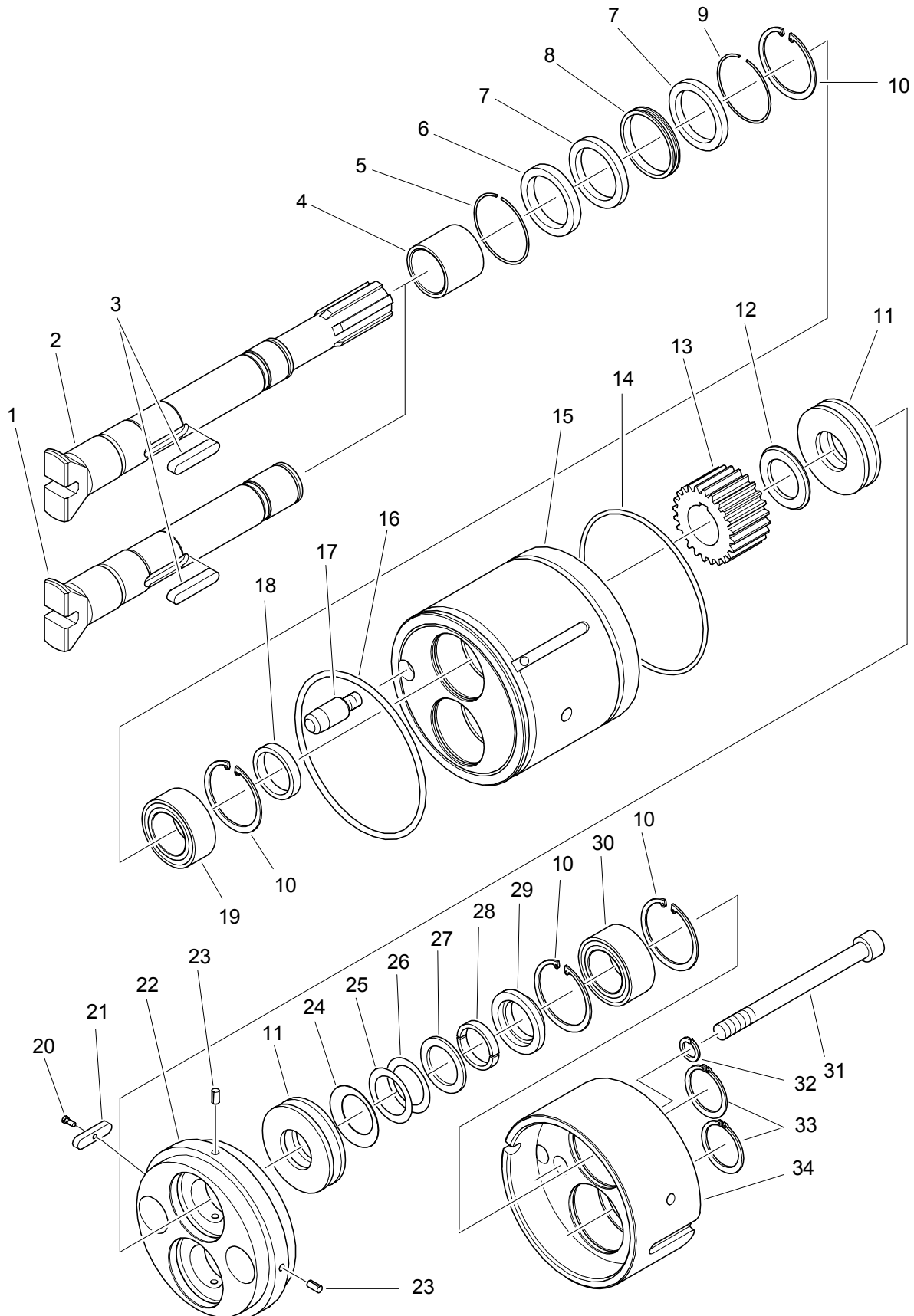
Hydraulic motor**143.252.001**

1/1

Item	Order no.	Quantity	W	Name
1	090.313.601	1	-	Hydraulic motor OMS 100
2	090.314.002	-	-	Hydraulic motor OMS 125
3	090.314.004	-	-	Hydraulic motor OMS 160
4	061.008.202	1	x	O-ring
5	040.912.135	4	-	M12 x 25 cylindrical bolt
6	143.252.031	1	-	Motor flange
7	061.011.502	1	x	O-ring
8	040.208.110	1	-	M8 x 20 hexagonal bolt
9	134.400.080	1	-	Washer
10	143.252.100	1	-	Gear wheel with key groove
11	043.310.670	4	-	M12 x 35 pin bolt
12	045.812.010	4	-	M12 SEAL lock collar nut
13	067.450.062	-	-	Low pressure hydraulic hose (→ 143.100.001, 1/4, item 4)
14	067.700.141	1	-	Jubilee clip
15	067.690.061	1	-	Hose connection, threaded connector

121.420.000

1/1



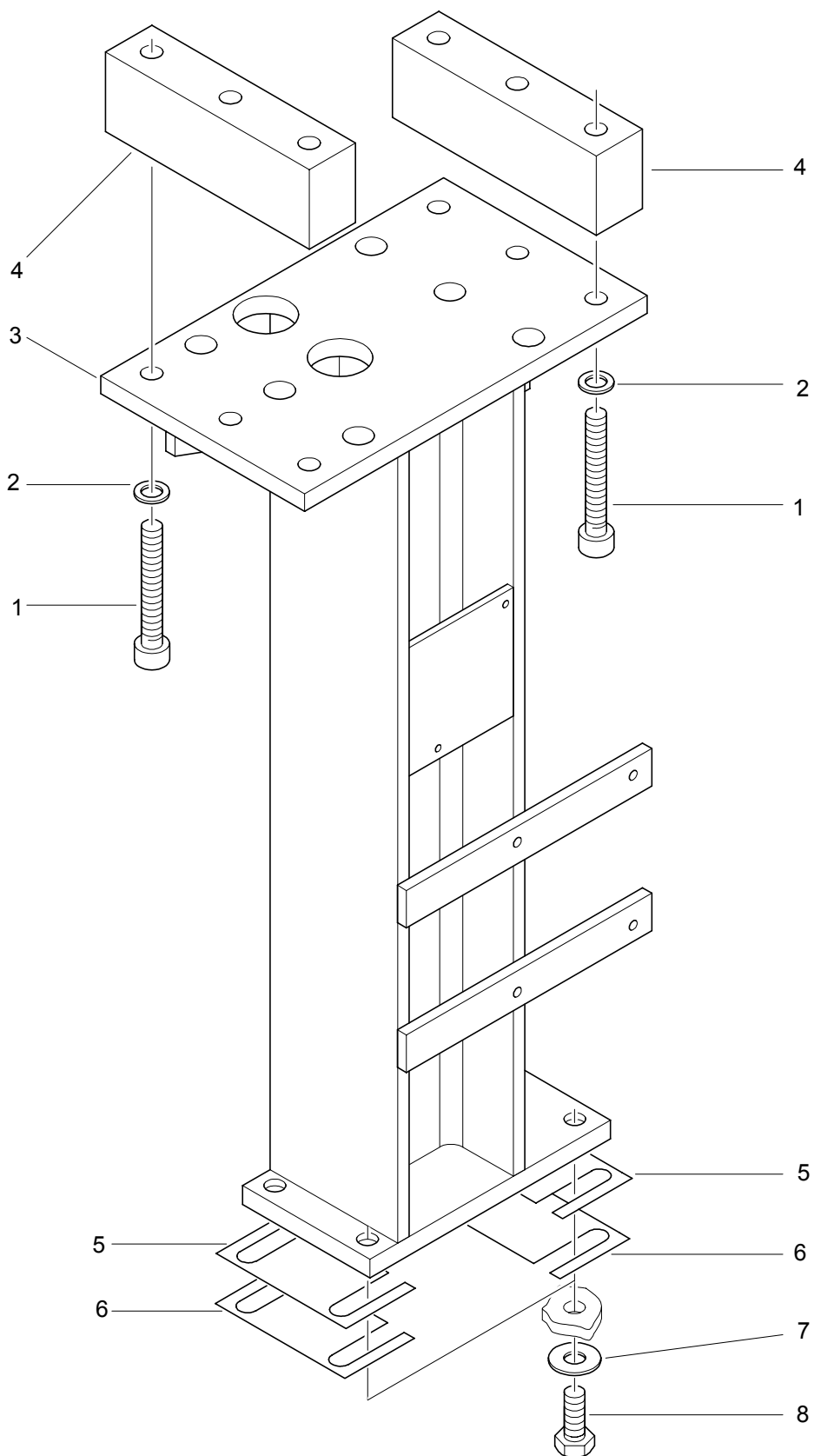
Drive for pumping system cpl.**121.420.000**

1/1

Item	Order no.	Quantity	W	Name
1	121.420.030	1	-	Clutch shaft 2
2	121.420.020	1	-	Clutch shaft 1
3	049.008.128	2	-	Key
4	111.220.030	2	-	Bushing
5	114.420.160	2	-	Round-wire snap ring
6	061.104.003	2	x	Radial shaft sealing ring
7	061.104.001	4	x	Shaft seal
8	111.220.050	2	-	Bleeding ring
9	049.730.500	2	-	Snap ring
10	049.320.520	8	-	Guard ring
11	063.912.061	4	x	Axial cylinder roller-bearing
12	064.827.002	2	-	Wave washer
13	114.420.140	2	-	Gear wheel
14	061.011.801	1	x	O-ring
15	121.420.012	1	-	Bearing housing, front
16	061.011.901	1	x	O-ring
17	922.000.010	1	-	Centring pin
18	121.420.110	2	-	Ring
19	064.203.201	2	x	Needle bearing
20	041.603.040	1	-	M3 x 8 cylindrical bolt
21	049.108.122	1	-	Key
22	121.420.201	1	-	Bearing housing, centre
23	048.005.060	2	-	Grooved taper pin
24	066.804.601	6	x	CB ball-bearing saucer spring
25	049.750.304	-	-	Seeger close-tolerance washer (number determined on assembly)
26	049.750.302	-	-	Seeger close-tolerance washer (number determined on assembly)
27	049.740.300	2	-	Seeger supporting ring
28	114.420.170	2	-	Ring, split
29	114.420.180	2	-	Spacer bushing
30	064.203.002	2	x	Needle bearing
31	040.912.410	2	-	M12 x 140 cylindrical bolt
32	046.512.160	2	-	Spring ring
33	049.310.300	2	-	Guard ring
34	121.420.271	1	-	Bearing housing, rear

143.280.000

1/1



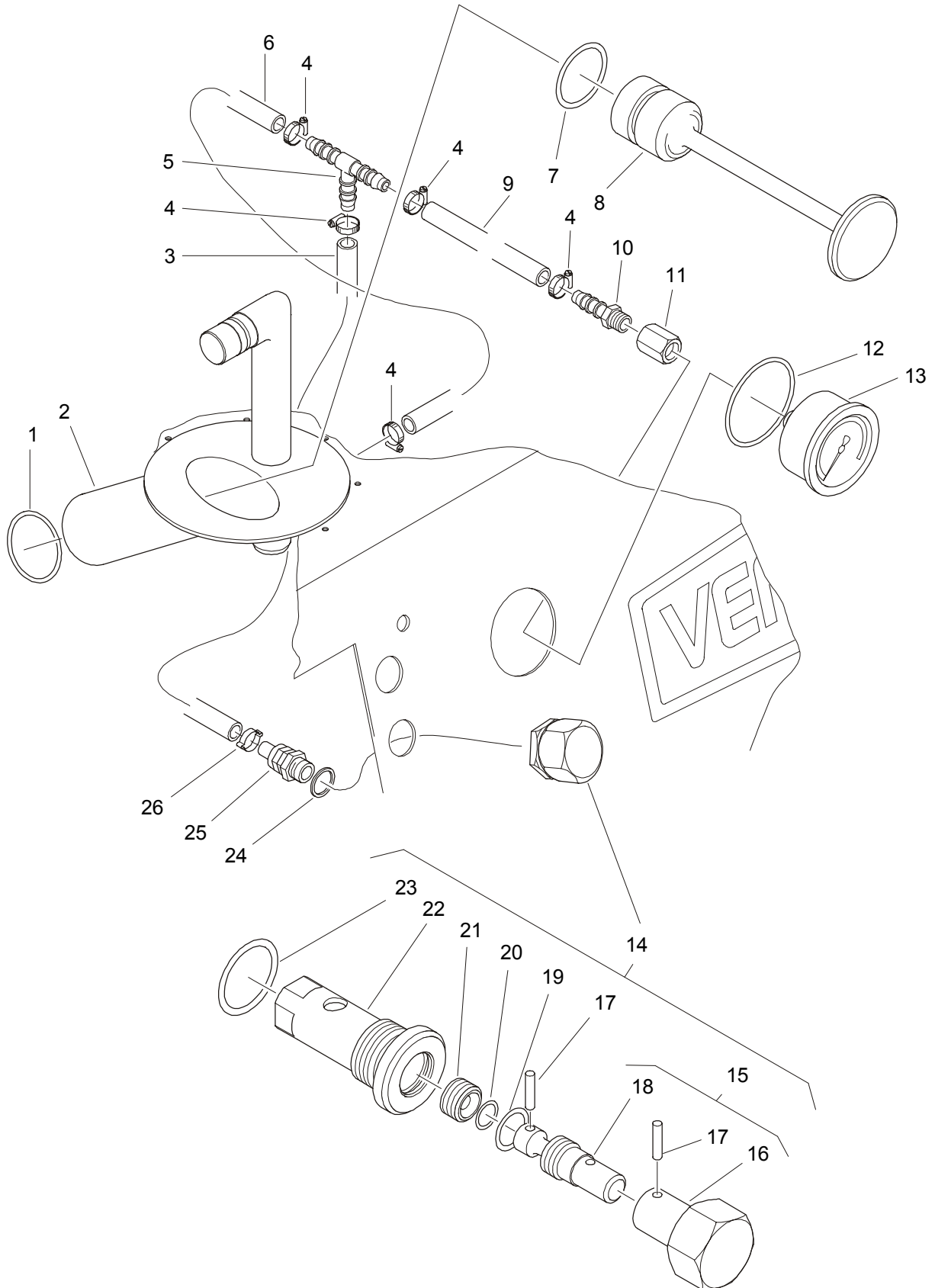
Support cpl.**143.280.000**

1/1

Item	Order no.	Quantity	W	Name
1	040.916.350	6	-	M16 x 110 cylindrical bolt
2	046.017.010	6	-	Washer
3	143.281.000	1	-	Support assembly
4	143.280.050	2	-	Spacer block
5	143.280.030	2	-	Spacer plate
6	143.280.040	2	-	Spacer plate
7	046.417.010	4	-	Washer
8	040.216.195	4	-	M16 x 40 hexagonal bolt

143.500.000

1/2



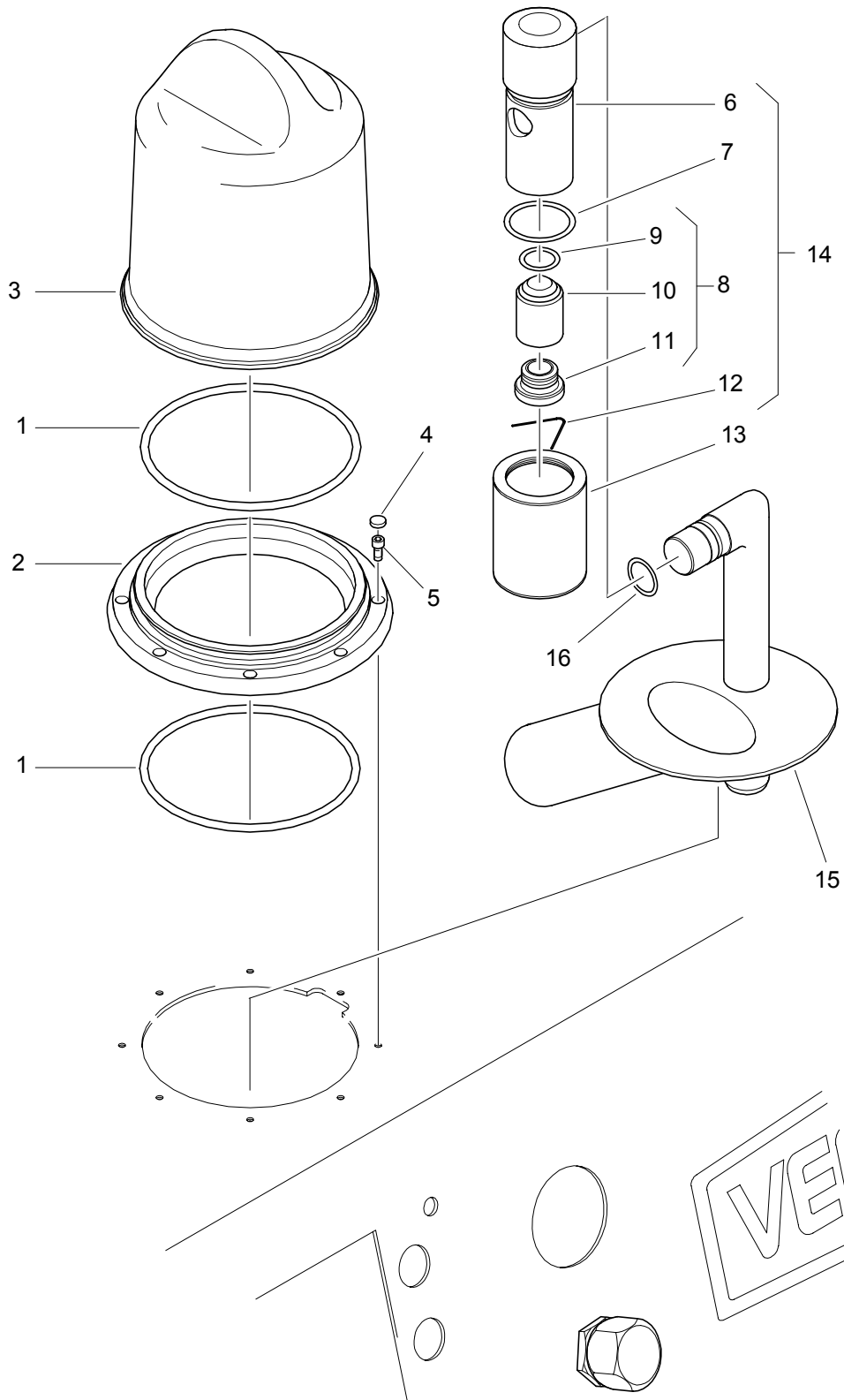
Vacuum system cpl.**143.500.000**

1/2

Item	Order no.	Quantity	W	Name
1	061.005.001	1	x	O-ring
2	143.501.000	1	-	Vacuum pipe assembly
3	143.500.040	1	-	Textile hose
4	067.700.141	5	-	Jubilee clip
5	067.550.081	1	-	T-hose connector
6	143.500.410	1	-	Textile hose
7	061.003.202	1	x	O-ring
8	143.500.510	1	-	Vacuum plug
9	143.500.440	1	-	Textile hose
10	067.520.084	1	-	Screwed connector, straight
11	068.120.851	1	-	Sleeve
12	140.500.380	1	x	Sealing ring
13	090.112.602	1	-	Vacuum gauge
14	140.510.000	1	-	Vacuum throttle cpl. made up of item nos. 15-23:
15	140.511.000	1	-	Spindle cpl. made up of item nos. 16-18:
16	140.511.011	1	-	Handle
17	047.704.115	2	-	Cylindrical pin
18	140.511.020	1	-	Spindle
19	061.002.002	1	x	O-ring
20	061.000.602	1	x	O-ring
21	140.510.030	1	-	Shut-off screw
22	140.510.020	1	-	Spindle locator
23	061.003.201	1	x	O-ring
24	061.501.801	1	x	Sealing washer
26	067.690.102	1	-	Screw connection, rotating
26	067.700.131	1	-	Hose clamp

143.500.000

2/2



Vacuum system cpl.**143.500.000**

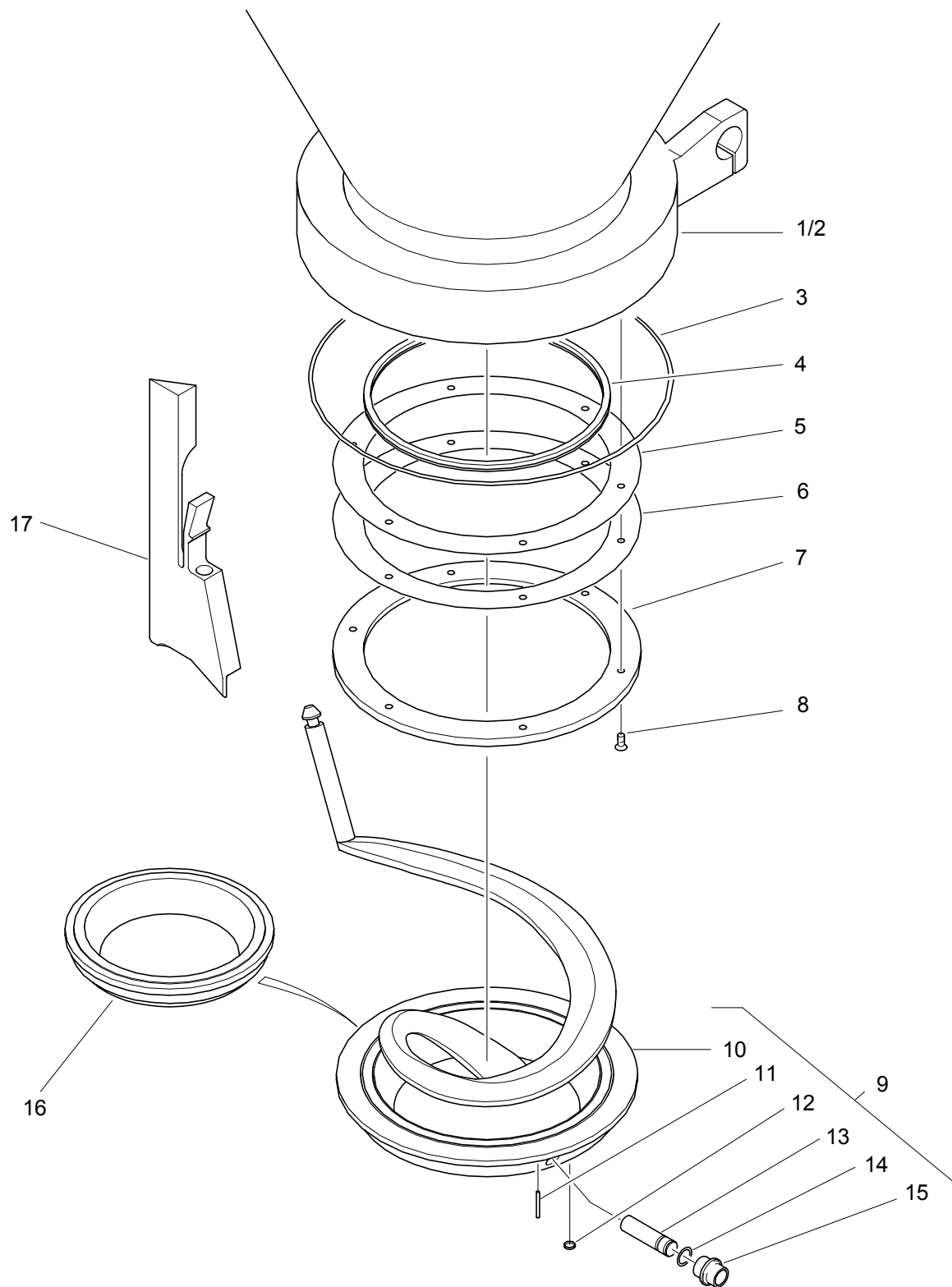
2/2

Item	Order no.	Quantity	W	Name
1	134.510.040	2	x	Hose ring
2	143.500.080	1	-	Ring
3	134.511.001	1	-	Vacuum pot
4	060.300.801	8	-	Plastic cover
5	040.904.055	8	-	M4 x 10 cylindrical bolt
6	126.550.010	1	-	Valve body
7	061.003.501	1	x	O-ring
8	126.552.000	1	-	Float cpl. made up of item nos. 9-11:
9	061.001.802	1	x	O-ring
10	126.552.011	1	-	Float
11	126.552.021	1	-	Float cap
12	126.550.030	1	-	Spring
13	126.501.002	1	-	Screen assembly
14	126.550.000	1	-	Float valve cpl. made up of item nos. 6-12
15	143.501.000	1	-	Vacuum pipe assembly
16	061.002.002	1	x	O-ring

142.300.003

142.300.002

1/2



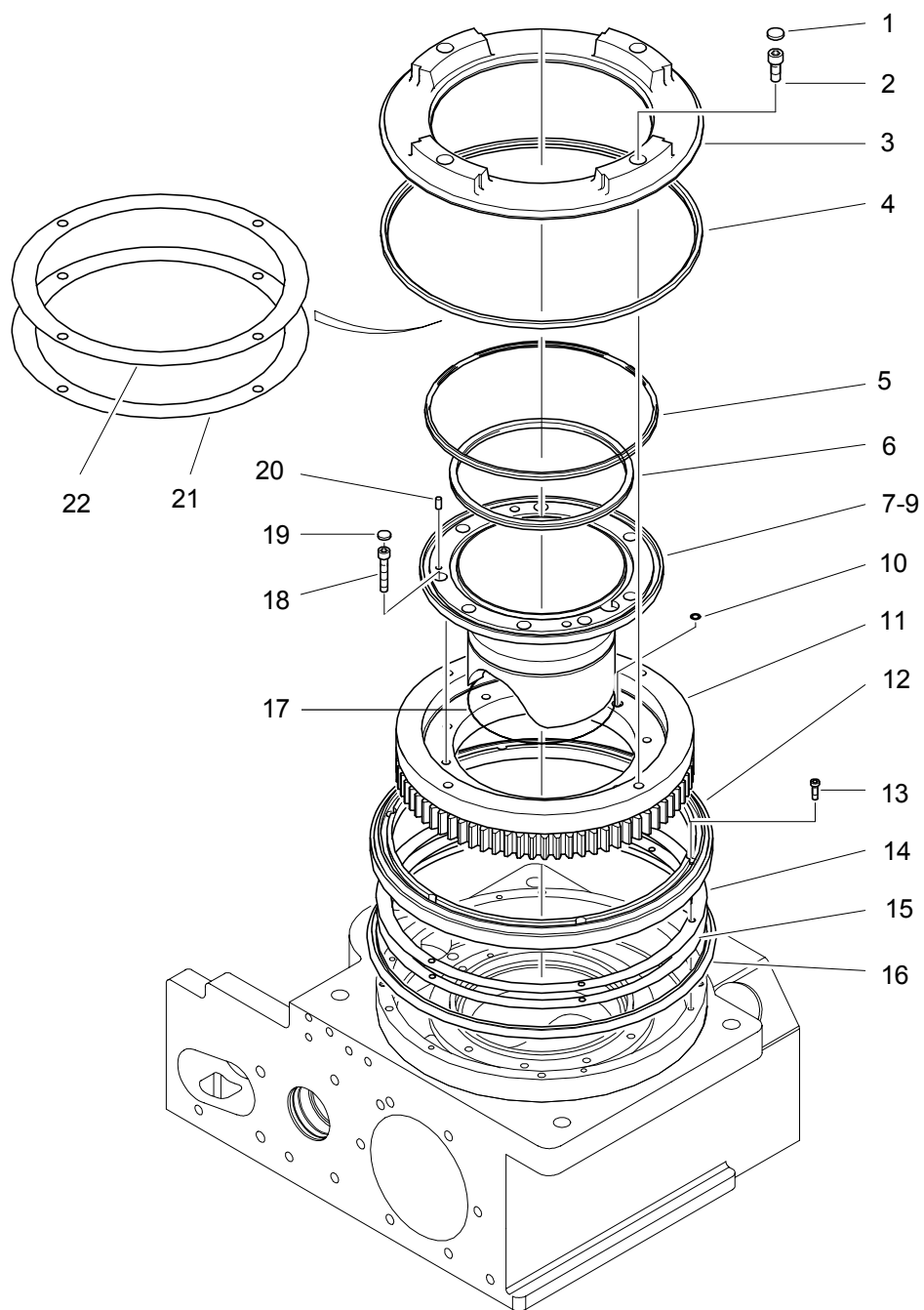
Hopper, 250 l**142.300.003****Hopper, 350 l****142.300.002**

1/2

Item	Order no.	Quantity	W	Name
1	142.330.003	1	-	Hopper, 250 l, cpl.
2	142.330.002	-	-	Hopper, 350 l, cpl.
3	061.035.502	1	x	O-ring
4	142.310.040	1	x	Sealing ring, top
5	142.300.410	1	-	Close-tolerance washer for sliding ring
6	142.300.420	1	-	Close-tolerance washer for sliding ring
7	142.300.400	1	x	Sliding ring
8	041.906.065	6	-	M6 x 12 flat-headed countersunk screw
9	142.311.000	1	-	Feed screw cpl. made up of item nos. 10-15:
10	142.313.000	1	-	Feed screw assembly
11	047.703.165	3	-	Cylindrical pin
12	060.301.001	4	-	Plastic cover
13	142.312.020	3	-	Cylindrical pin
14	061.001.601	3	x	O-ring
15	142.311.030	3	-	Sliding sleeve
16	142.300.170	-	-	Dummy ring (for machines without feeding unit)
17	140.302.081	2	-	Scraper for raw and cooked sausage
-	142.310.000	(1)	x	Feed screw sealing kit

142.300.003**142.300.002**

2/2



Hopper, 250 l**142.300.003****Hopper, 350 l****142.300.002**

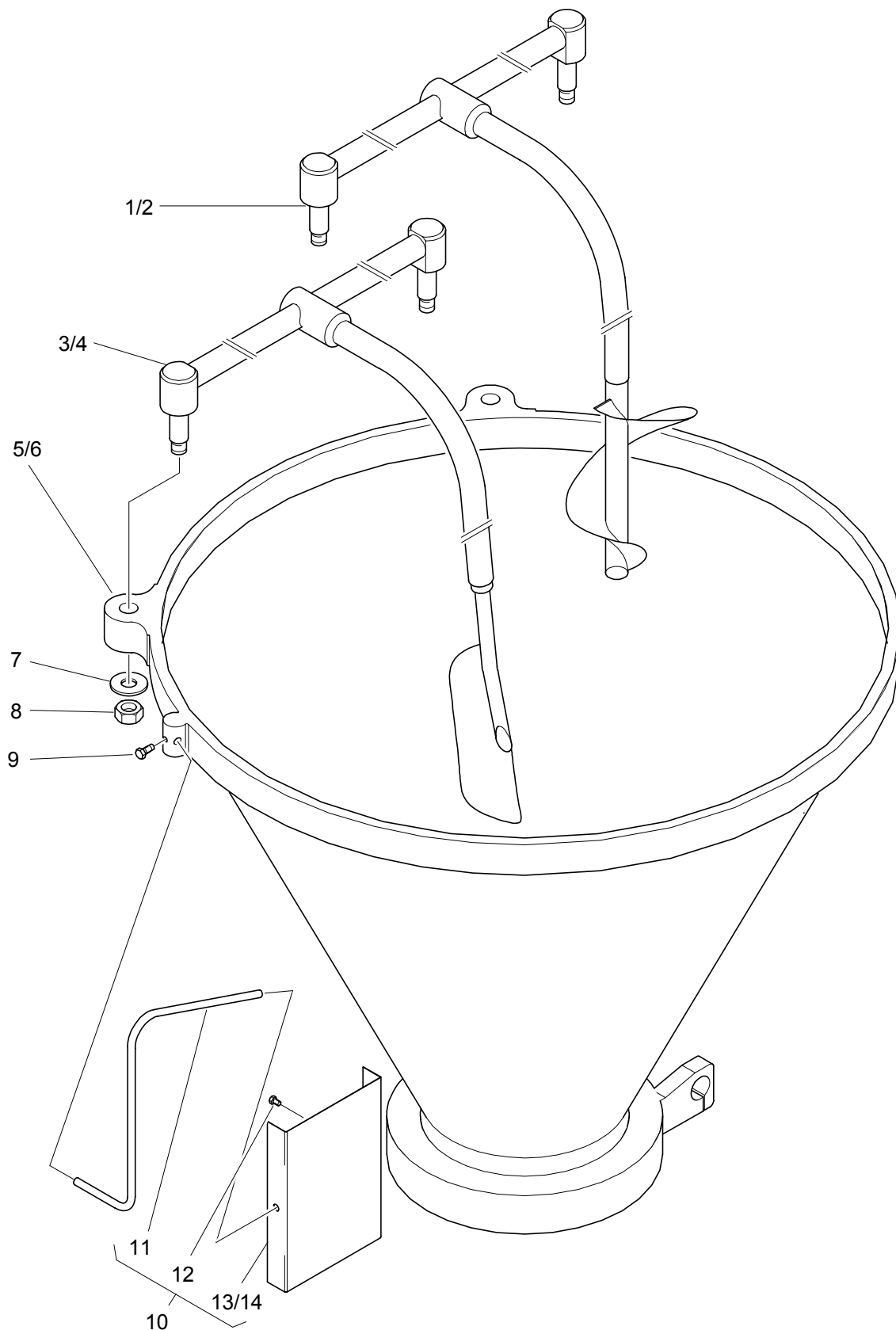
2/2

Item	Order no.	Quantity	W	Name
1	060.301.801	4	-	Plastic cover
2	040.910.135	4	-	M10 x 25 cylindrical bolt
3	142.300.330	1	-	Catch ring
4	142.310.030	1	x	Sealing ring, catch ring, outer
5	142.310.020	1	x	Sealing ring, catch ring, inner
6	142.310.010	1	x	Sealing ring, bottom
7	142.300.140	1	-	Hopper insert ø 100
8	142.300.130	-	-	Hopper insert ø 80
9	140.020.040	-	-	Filling piece for hopper insert ø 80
10	061.000.602	3	x	O-ring
11	064.805.006	1	-	Four-point bearing
12	142.300.450	1	-	Outer ring, bottom
13	041.006.095	6	-	M6x 16 cylindrical bolt
14	142.300.470	-	-	Close-tolerance washer for outer ring, bottom (number determined on assembly)
15	142.300.480	-	-	Close-tolerance washer for outer ring, bottom (number determined on assembly)
16	143.320.060	1	x	Packing cord
17	061.015.001	1	x	O-ring
18	040.908.215	8	-	M8 x 45 cylindrical bolt
19	060.301.501	8	-	Plastic cover
20	047.706.075	1	-	Cylindrical pin
21	142.300.350	-	-	Close-tolerance washer for catch ring, bottom (number determined on assembly)
22	142.300.340	-	-	Close-tolerance washer for catch ring, bottom (number determined on assembly)

142.330.003

142.330.002

1/1



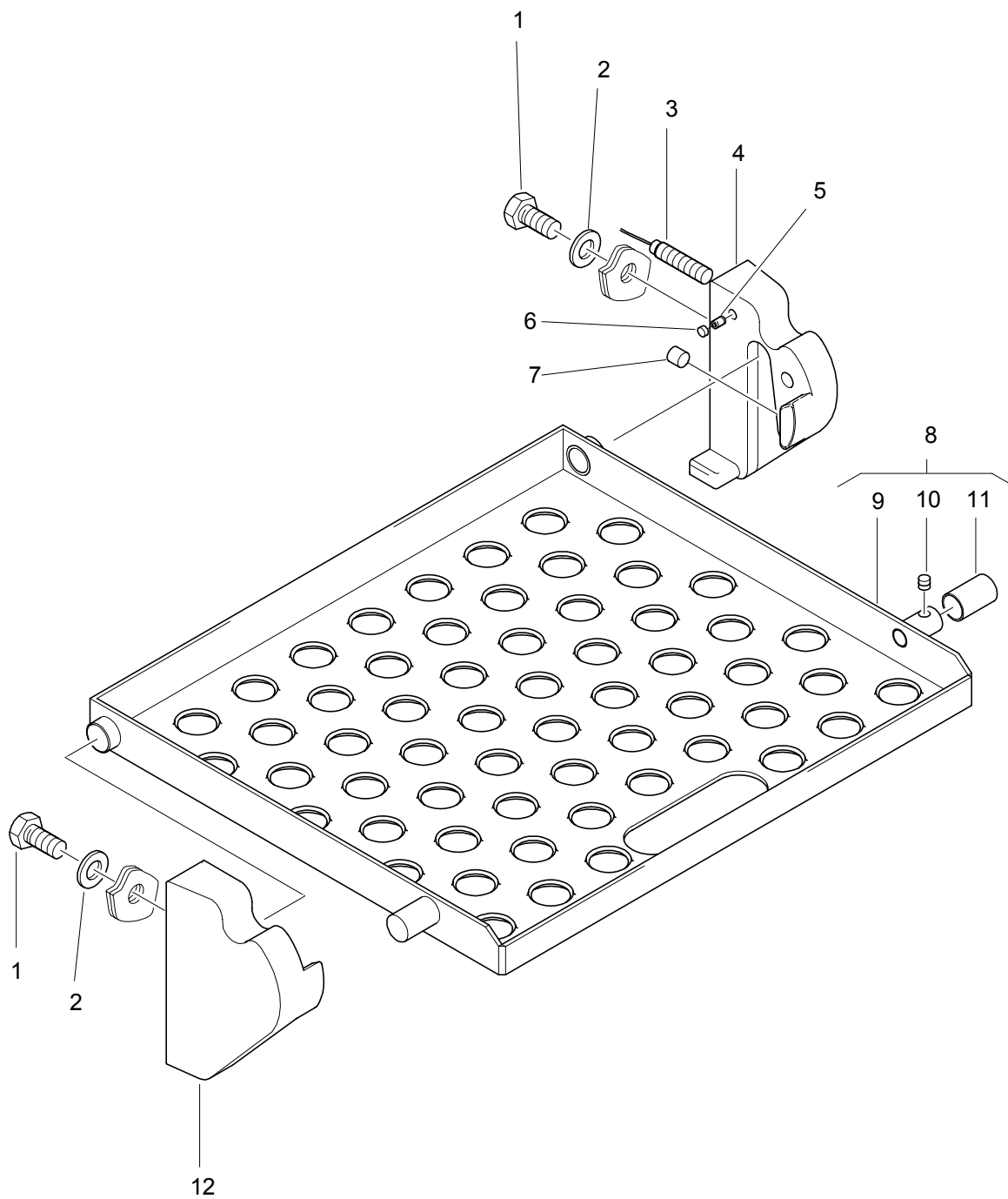
Hopper, 250 l, cpl.	142.330.003
Hopper, 350 l, cpl.	142.330.002

1/1

Item	Order no.	Quantity	W	Name
1	140.305.000	1	-	Spiral stopper, 250l, assembly
2	141.305.000	-	-	Spiral stopper, 350l, assembly
3	140.303.001	-	-	Spade stopper, spiral, 250l, assembly
4	141.303.001	-	-	Spade stopper, spiral, 350l, assembly
5	142.331.003	1	-	Hopper, 250 l
6	142.331.002	-	-	Hopper, 350 l
7	140.302.120	2	-	Washer
8	045.020.065	2	-	M20 hexagonal nut
9	040.208.375	1	-	M8 x 12 hexagonal bolt
10	140.307.000	1	-	Mirror, cpl. made up of item nos. 11-14:
11	140.302.170	1	-	Mirror rod
12	040.206.055	1	-	M6 x 10 hexagonal bolt
13	140.307.010	1	-	Mirror plate
14	126.330.020	1	-	Bushing

143.340.000

1/1



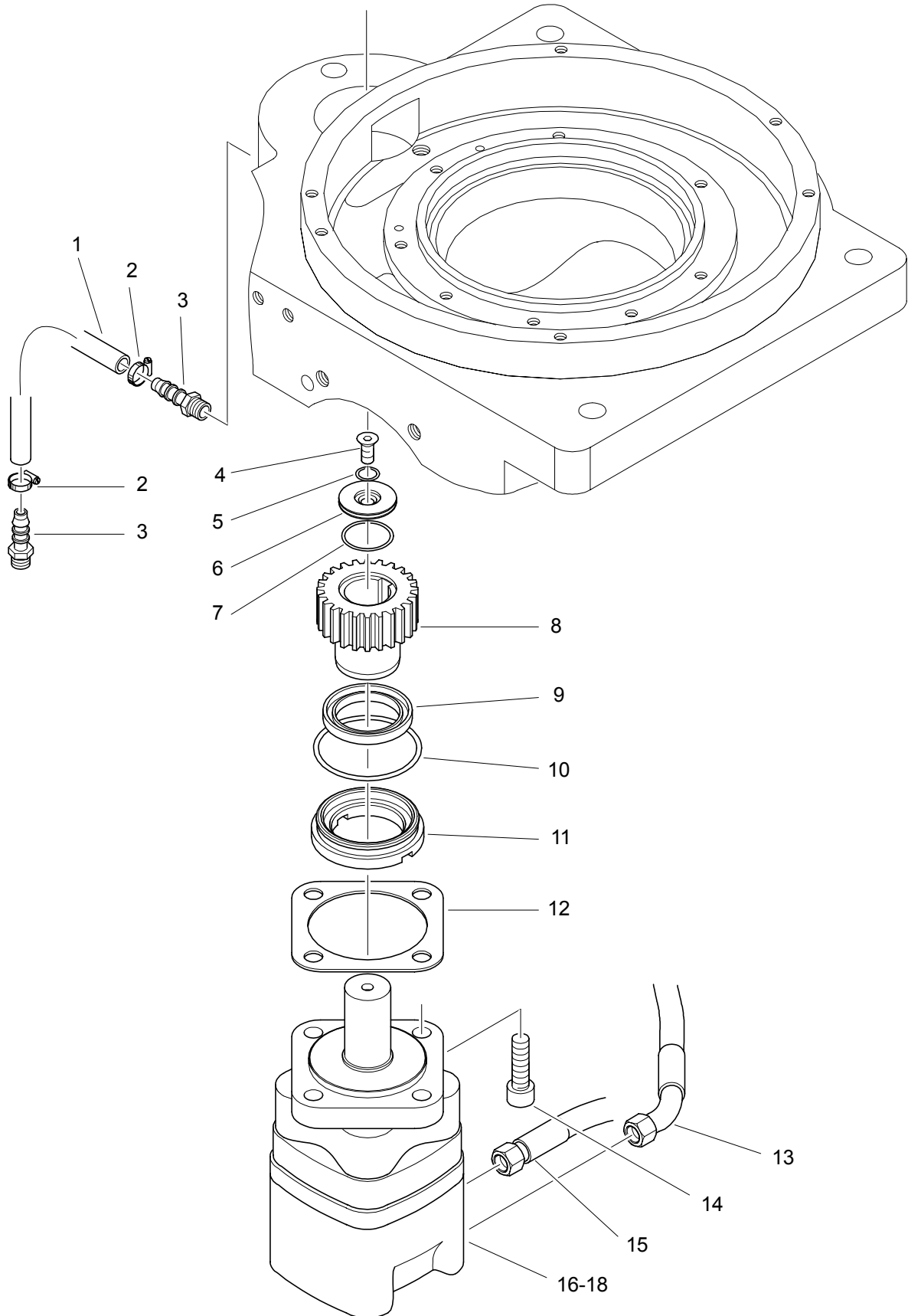
Step**143.340.000**

1/1

Item	Order no.	Quantity	W	Name
1	040.212.135	4	-	M12 x 25 hexagonal bolt
2	046.010.010	4	-	Washer
3	140.872.502	1	-	Machine safety switch
4	143.340.010	1	-	Bracket, right
5	044.105.036	1	-	M5 x 6 threaded pin
6	060.300.601	1	-	Plastic cover
7	143.340.030	6	-	Pin
8	143.345.000	1	-	Step plate, cpl. made up of item nos. 9-11:
9	143.345.010	1	-	Step plate assembly
10	071.405.051	2	-	Magnet
11	143.340.150	1	-	Cap
12	143.340.020	1	-	Bracket, left

143.350.005

1/1



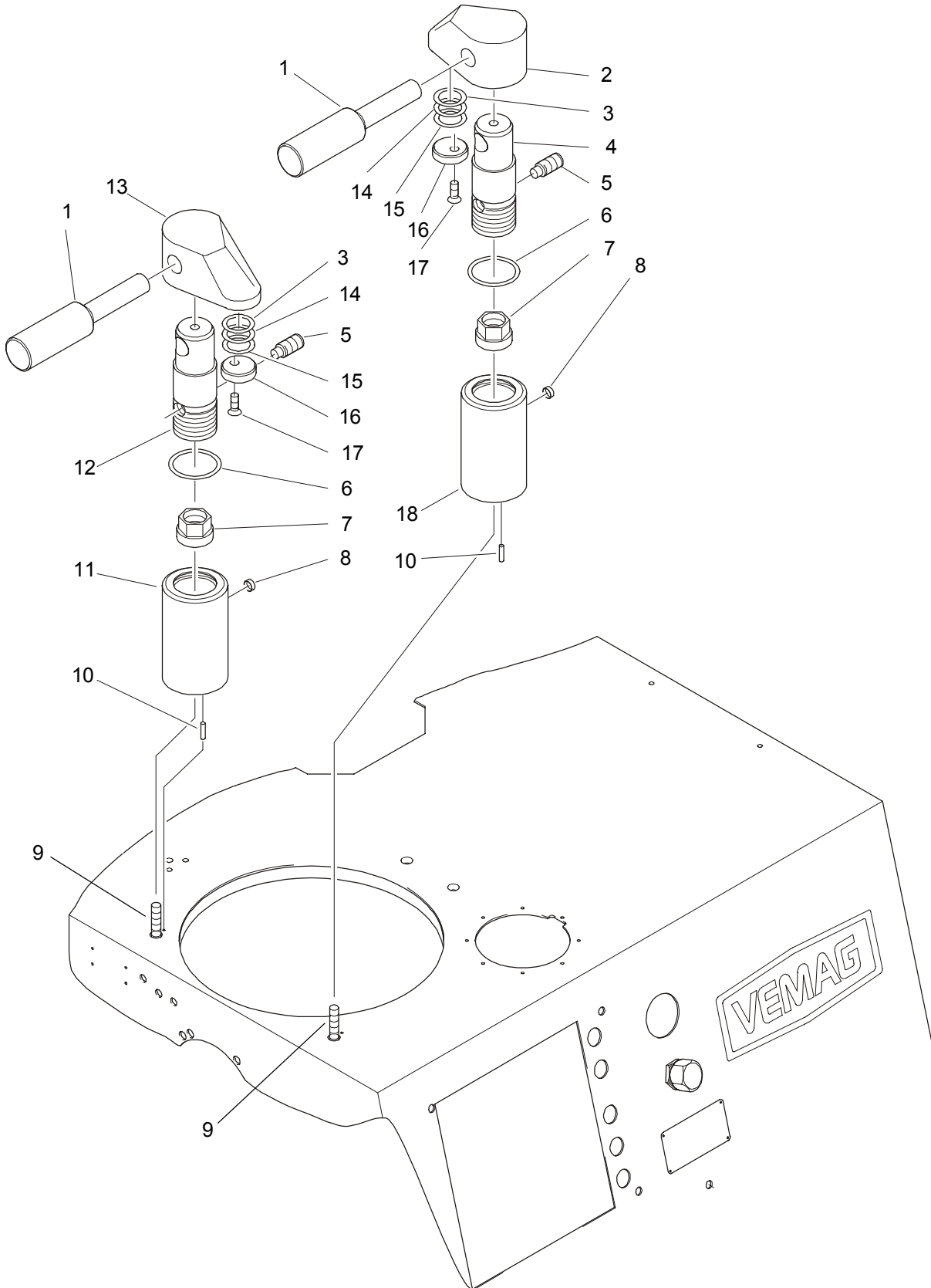
Drive for feed unit**143.350.005**

1/1

Item	Order no.	Quantity	W	Name
1	067.420.101	1	-	Guttasyn hose
2	067.700.081	2	-	Jubilee clip
3	067.520.084	2	-	Hose screwed connector, straight
4	041.108.095	1	-	M8 x 16 flat-headed countersunk screw
5	061.001.203	1	x	O-ring
6	124.210.332	1	-	Washer
7	061.002.802	1	x	O-ring
8	143.351.032	1	-	Pinion
9	061.104.510	1	x	Shaft seal
10	061.006.801	1	x	O-ring
11	143.351.045	1	-	Spacer ring
12	140.210.240	1	-	Spacer washer
13	067.461.603	1	-	Hydraulic hose (→ 143.200.001, 3/3, item 15)
14	040.912.195	4	-	M12 x 40 cylindrical bolt
15	067.461.604	1	-	Hydraulic hose (→ 143.100.001, 2/4, item 9)
16	090.314.002	1	-	Hydraulic motor OMS 125
17	090.314.006	-	-	Hydraulic motor OMS 200
18	090.314.005	-	-	Hydraulic motor OMS 250

142.360.000

1/1



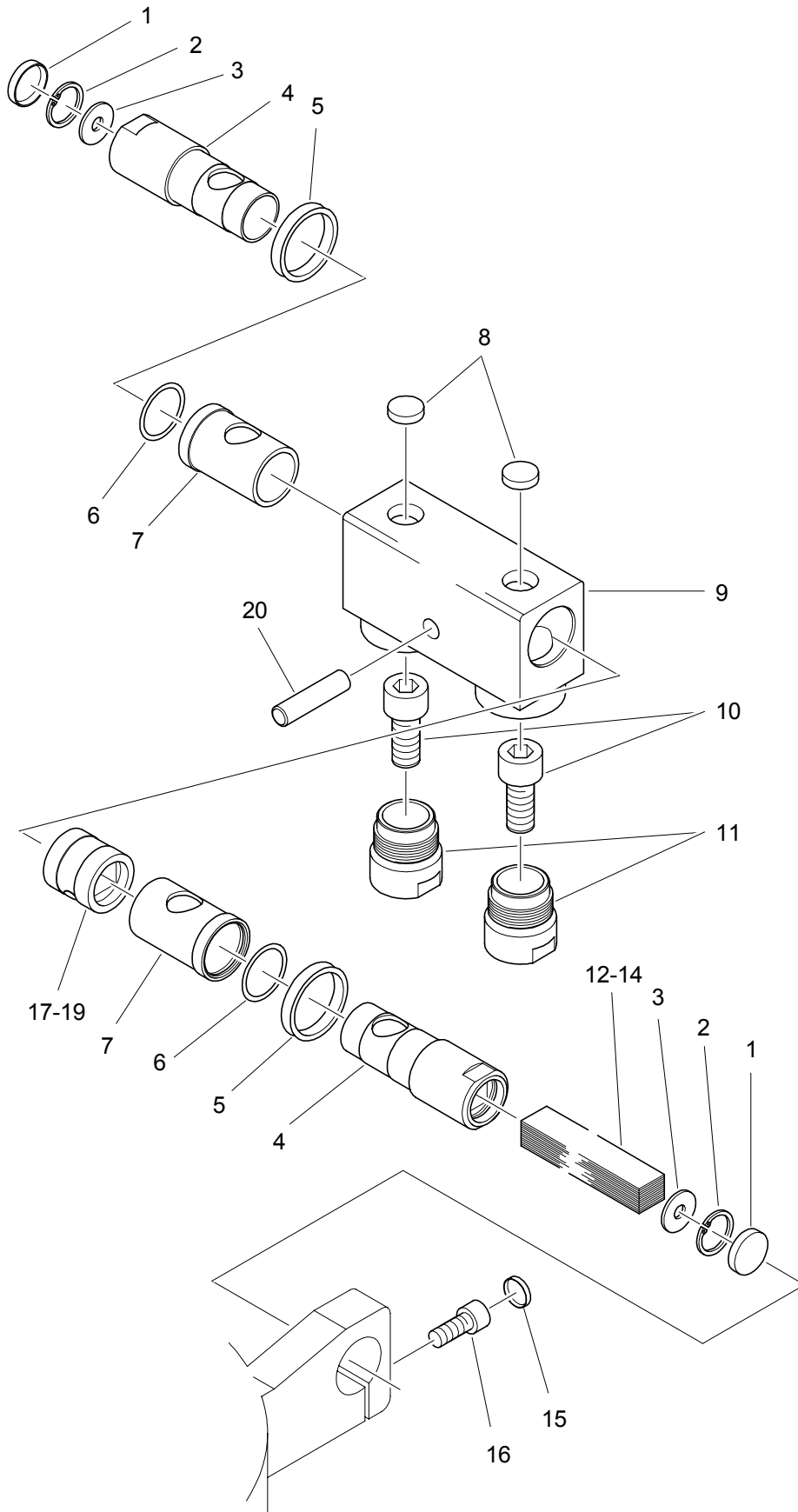
Hopper locking mechanism**142.360.000**

1/1

Item	Order no.	Quantity	W	Name
1	142.365.040	2	-	Handle
2	142.365.010	1	-	Locking block, right
3	049.750.160	2	-	Close-tolerance washer
4	142.365.050	1	-	Locking pin, right
5	044.210.135	2	-	Threaded pin M10 x 25
6	061.003.001	2	x	O-ring
7	142.360.040	2	-	Locknut
8	060.300.801	2	-	Plastic cover
9	040.916.295	2	-	M16 x 80 cylindrical bolt
10	047.703.075	2	-	Cylindrical pin
11	142.368.000	1	-	Locking locator, left
12	142.366.050	1	-	Locking pin, left
13	142.366.010	1	-	Locking block, left
14	049.750.161	2	-	Close-tolerance washer
15	049.750.162	2	-	Close-tolerance washer
16	142.365.020	2	-	Clamping piece
17	041.105.065	2	-	M5 x 12 flat-headed countersunk screw
18	142.367.000	1	-	Locking locator, right

142.370.000

1/1



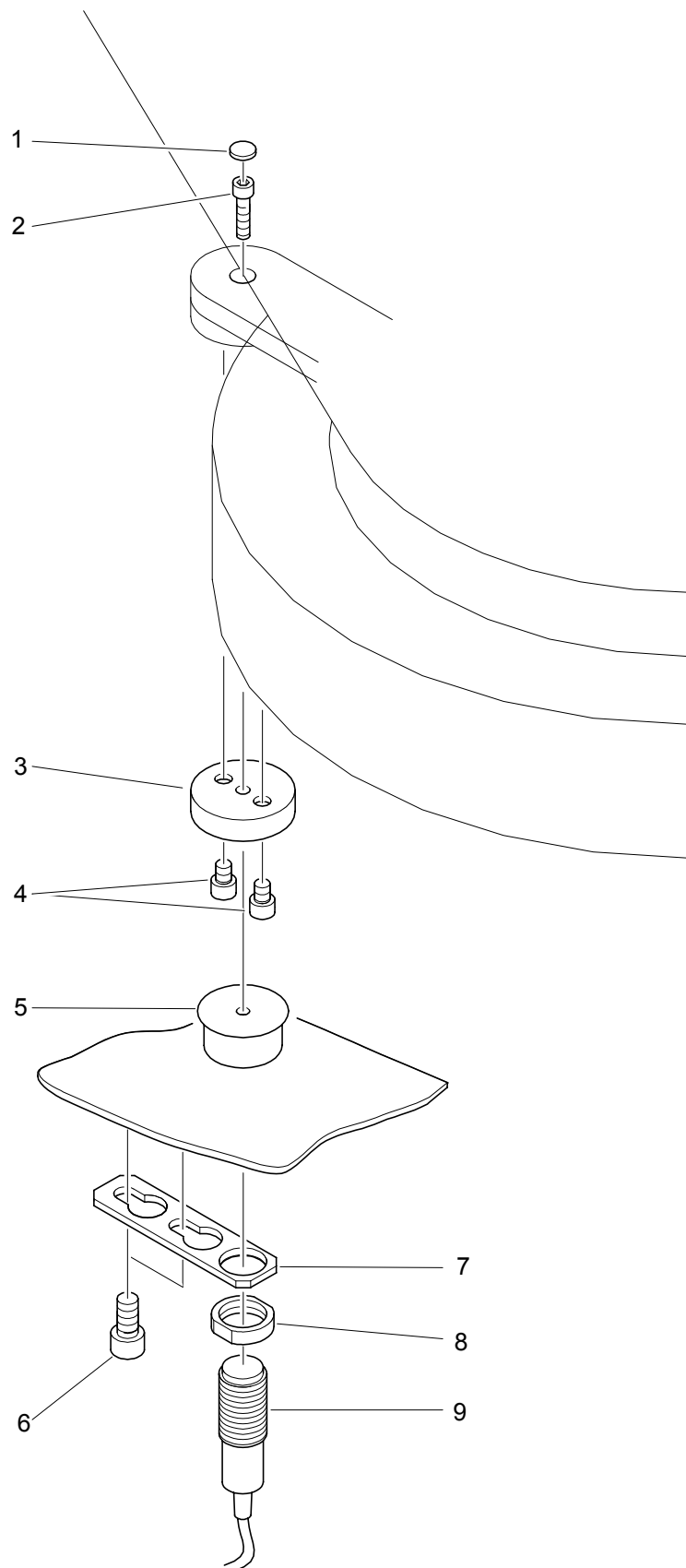
Hopper cushioning**142.370.000**

1/1

Item	Order no.	Quantity	W	Name
1	060.302.601	2	-	Plastic cover
2	049.320.260	2	-	Guard ring
3	046.108.020	2	-	Washer
4	142.370.120	2	-	Clamping bushing
5	142.370.110	2	x	Sealing ring
6	061.003.203	2	x	O-ring
7	142.370.090	2	-	Collar bushing
8	060.302.001	2	-	Plastic cover
9	142.370.010	1	-	Hinge block
10	040.916.175	2	-	M16 x 35 cylindrical bolt
11	142.370.020	2	-	Set screw
12	090.714.304	1	-	Set of spring band steel
13	090.714.305	-	-	Set of spring band steel
14	090.714.307	-	-	Set of spring band steel
15	060.301.801	2	-	Plastic cover
16	040.910.135	2	-	M10 x 25 cylindrical bolt
17	142.370.060	1	-	Locator for spring band steel
18	142.370.070	-	-	Locator for spring band steel
19	142.370.080	-	-	Locator for spring band steel
20	047.712.235	1	-	Cylindrical pin

142.380.000

1/1



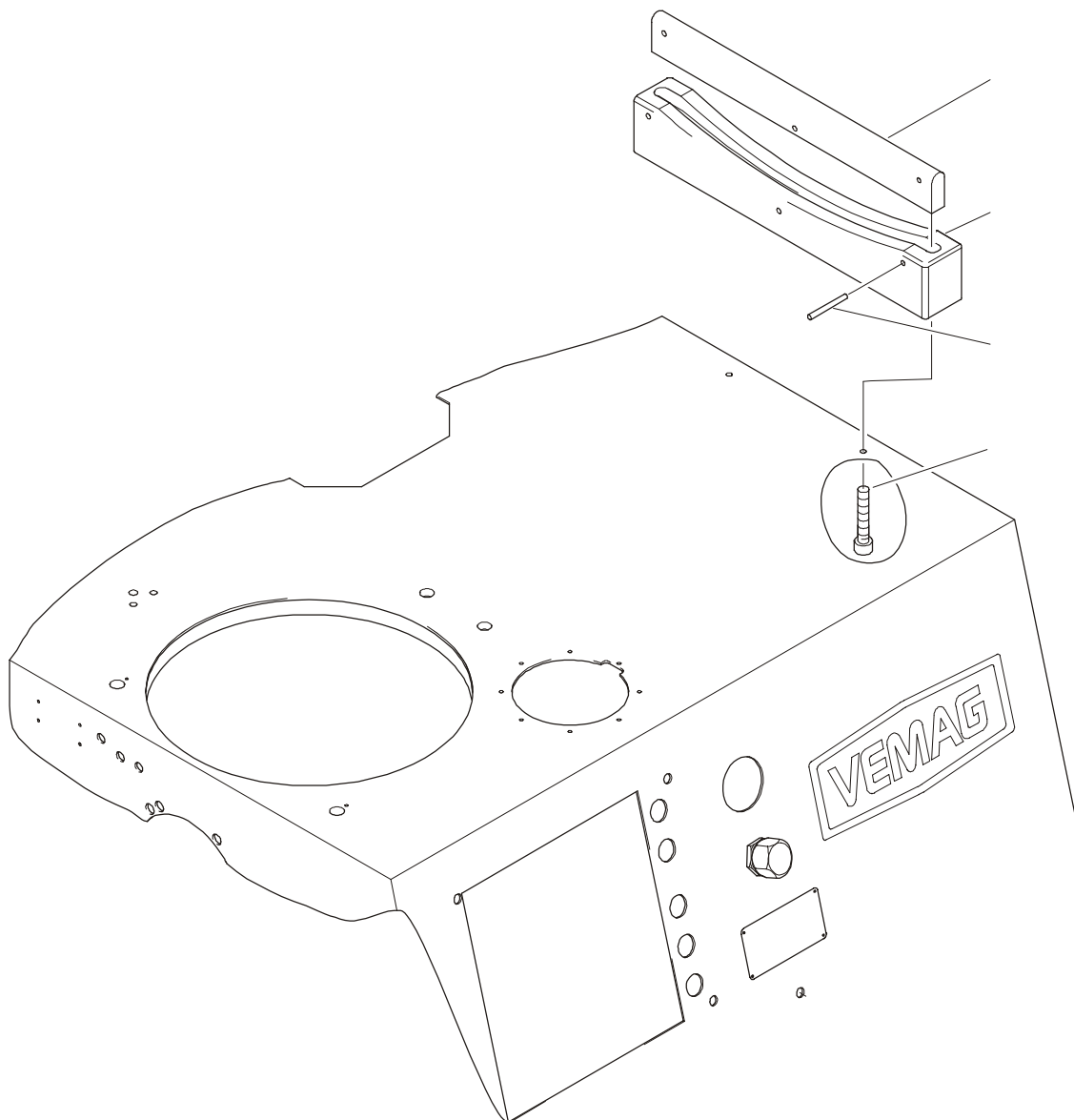
Safety switch for hopper**142.380.000**

1/1

Item	Order no.	Quantity	W	Name
1	060.301.001	1	-	Plastic cover
2	040.905.095	1	-	M5 x 16 cylindrical bolt
3	142.380.120	1	-	Spacer
4	040.906.045	2	-	M6 x 8 cylindrical bolt
5	071.405.066	1	-	Hygiene magnet
6	040.908.095	2	-	M8 x 16 cylindrical bolt
7	142.380.030	1	-	Holder
8	142.380.050	1	-	Nut
9	143.872.602	1	-	Detector with cable

142.390.000

1/1



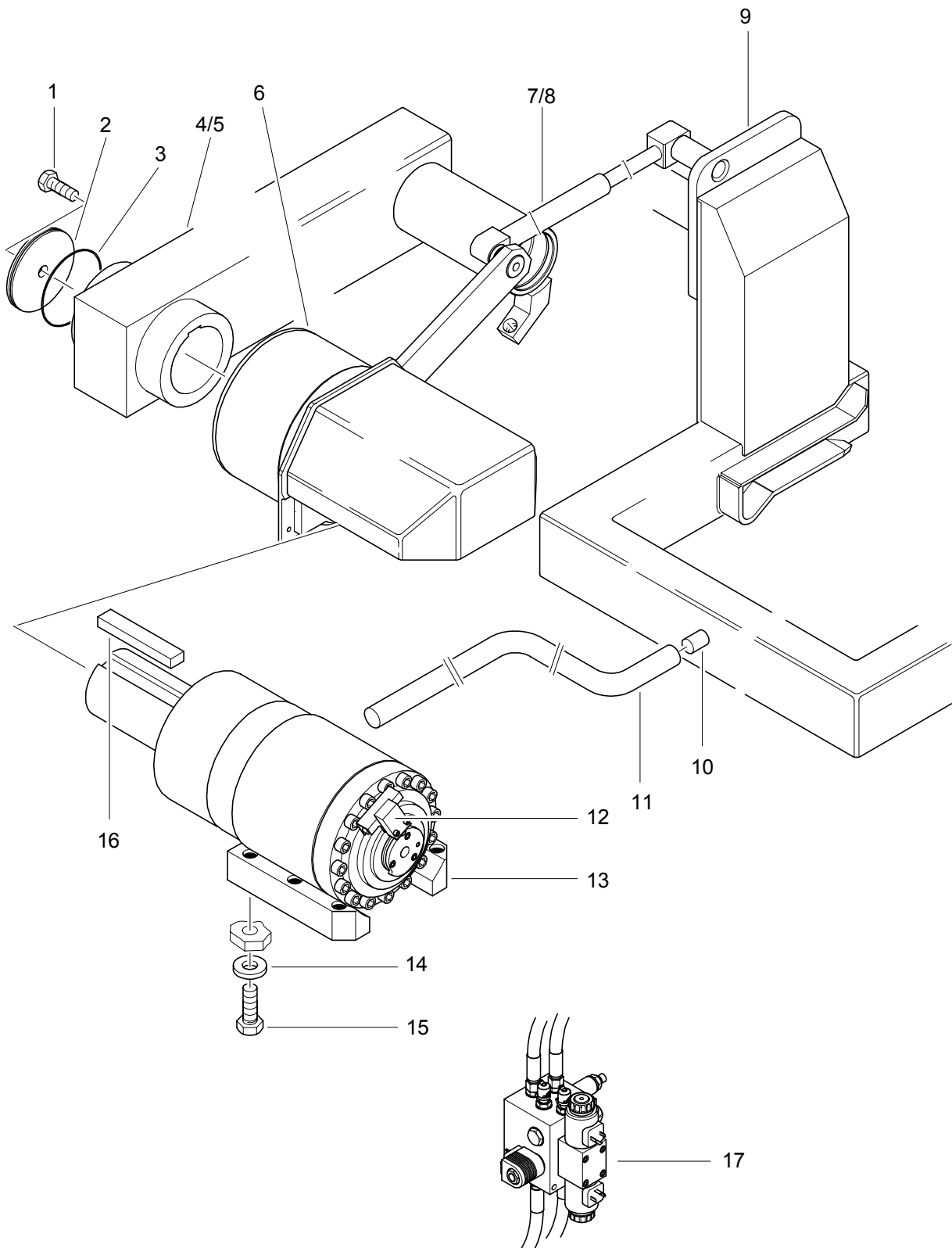
Stopper**142.390.000**

1/1

Item	Order no.	Quantity	W	Name
1	142.390.020	1	-	Rail
2	142.391.000	1	-	Stopper
3	047.703.115	3	-	Cylindrical pin
4	040.908.175	2	-	M8 x 35 cylindrical bolt

143.400.000**143.400.001**

1/1



Lifting/tipping device, entered from rear, 250 I	143.400.000
Lifting/tipping device, entered from rear, 350 I	143.400.001

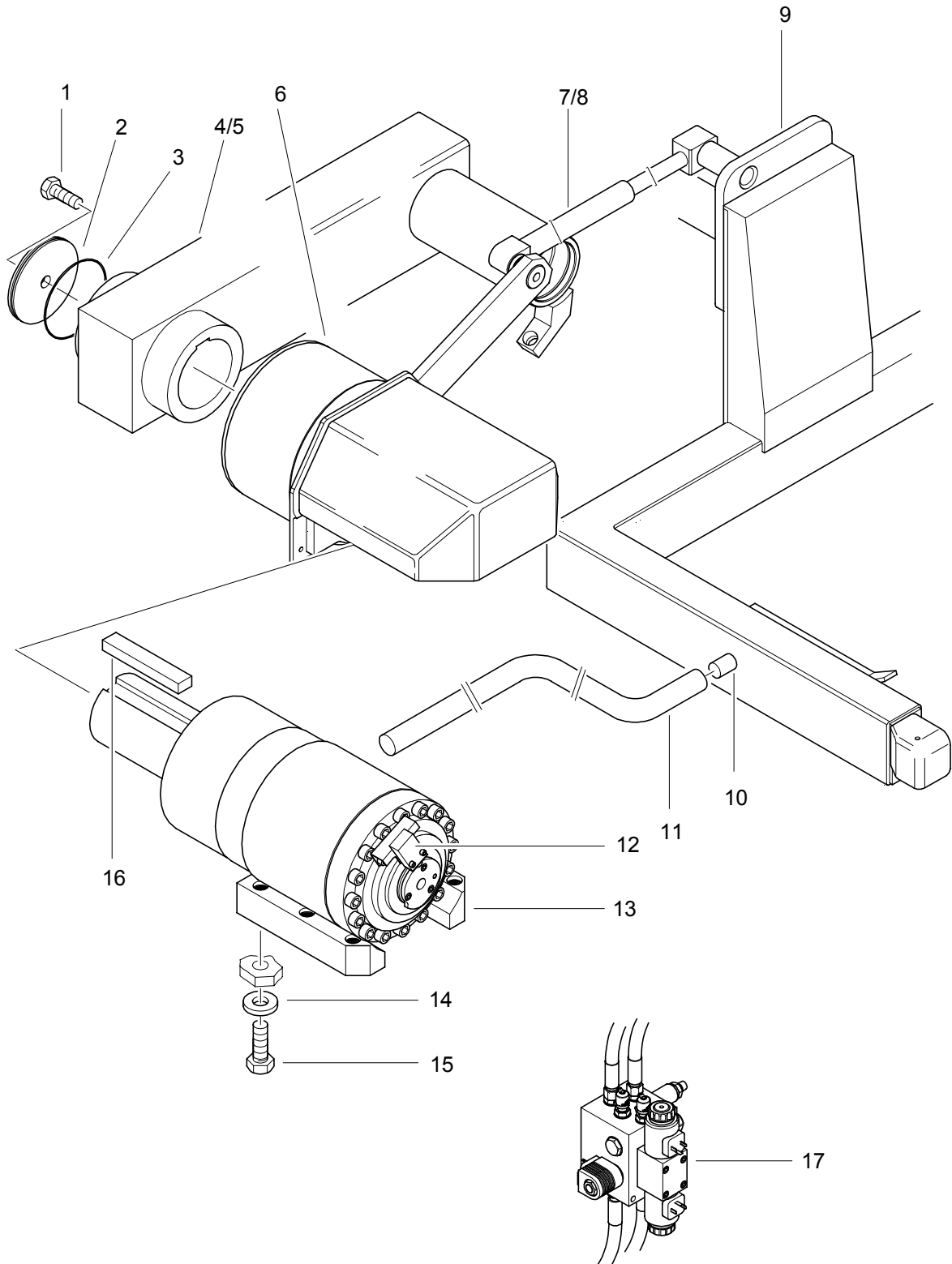
1/1

Item	Order no.	Quantity	W	Name
1	040.216.215	1	-	M16 x 45 hexagonal bolt
2	143.400.130	1	-	Washer
3	061.010.801	1	x	O-ring
4	143.420.000	1	-	Tipping arm, 250 I
5	143.420.001	-	-	Tipping arm, 350 I
6	143.430.001	1	-	Cover hood
7	143.460.000	1	-	Tipping mechanism, 250 I
8	143.460.001	-	-	Tipping mechanism, 350 I
9	140.440.006	1	-	Trolley hoist, entered from rear
10	140.450.020	1	-	Vulkolan buffer
11	140.450.010	1	-	Lift stop
12	143.480.000	1	-	Electric control for lifting/tipping device
13	093.914.302	1	-	Rotating drive unit
-	093.990.007	(1)	-	Sealing kit for rotating drive unit
14	046.421.013	6	-	Washer
15	040.220.247	6	-	M20 x 55 hexagonal bolt
16	143.410.120	1	-	Key
17	143.450.000	1	-	Hydraulic control for lifting/tipping device

143.400.002

143.400.003

1/1



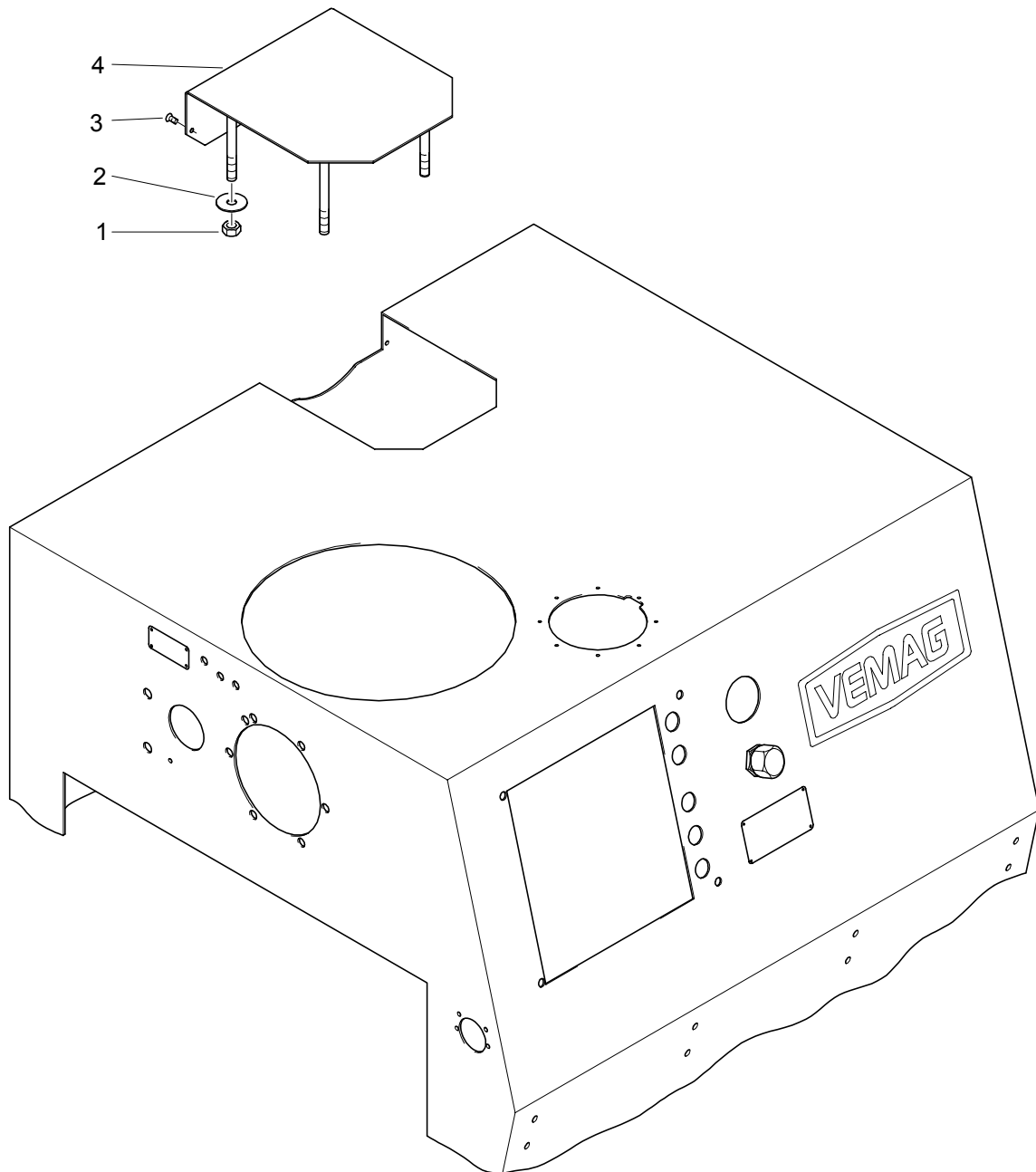
Lifting/tipping device, entered from side, 250 I	143.400.002
Lifting/tipping device, entered from side, 350 I	143.400.003

1/1

Item	Order no.	Quantity	W	Name
1	040.216.215	1	-	M16 x 45 hexagonal bolt
2	143.400.130	1	-	Washer
3	061.010.801	1	x	O-ring
4	143.420.000	1	-	Tipping arm, 250 I
5	143.420.001	-	-	Tipping arm, 350 I
6	143.430.001	1	-	Cover hood
7	143.460.000	1	-	Tipping mechanism, 250 I
8	143.460.001	-	-	Tipping mechanism, 350 I
9	140.440.003	1	-	Trolley hoist, entered from side
10	140.450.020	1	-	Vulkolan buffer
11	140.450.010	1	-	Lift stop
12	143.480.000	1	-	Electric control for lifting/tipping device
13	093.914.302	1	-	Rotating drive unit
-	093.990.007	(1)	-	Sealing kit for rotating drive unit
14	046.421.013	6	-	Washer
15	040.220.247	6	-	M20 x 55 hexagonal bolt
16	143.410.120	1	-	Key
17	143.450.000	1	-	Hydraulic control for lifting/tipping device

143.400.005

1/1



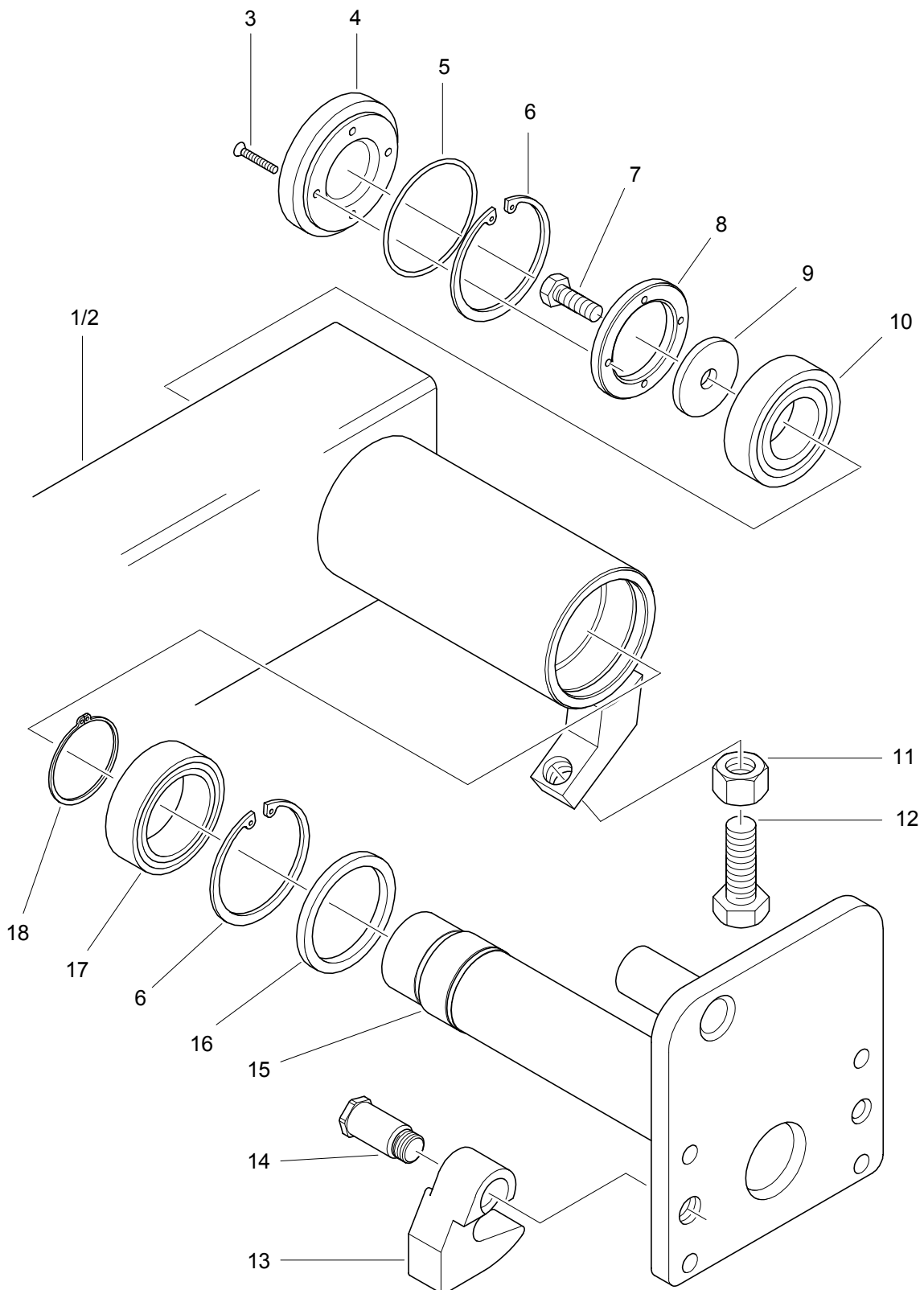
**Sealing parts for machine housing without
lifting/tipping device****143.400.005**

1/1

Item	Order no.	Quantity	W	Name
1	045.012.065	4	-	M12 hexagonal nut
2	046.113.015	4	-	Washer
3	042.106.055	2	-	M6 x 10 raised-head countersunk screw
4	143.400.015	1	-	Cover hood assembly
-	140.600.200	1	x	Seal

143.420.000**143.420.001**

1/1



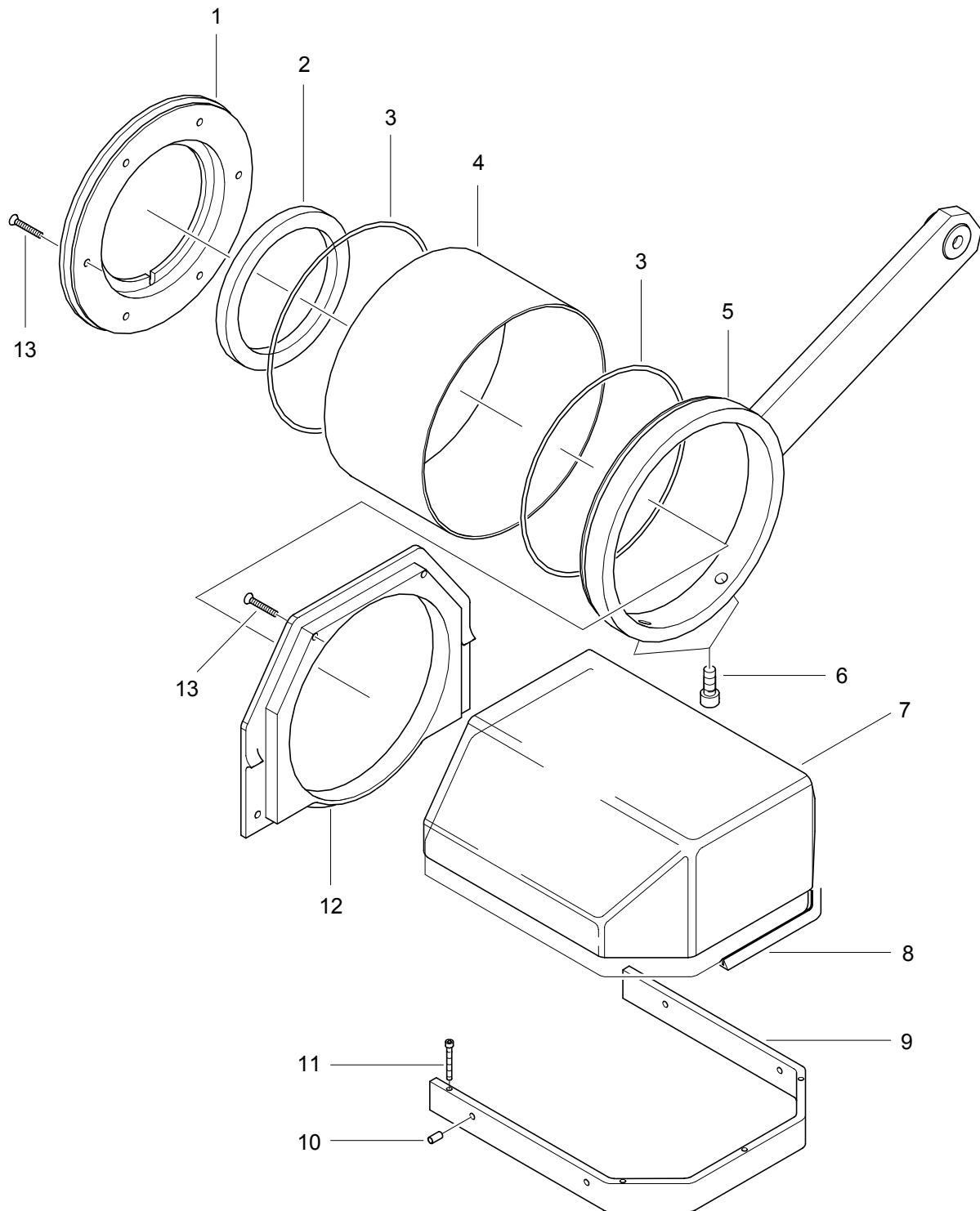
Tipping arm, 250 l	143.420.000
Tipping arm, 350 l	143.420.001

1/1

Item	Order no.	Quantity	W	Name
1	143.421.000	1	-	Tipping arm assembly, 250 l
2	143.421.001	-	-	Tipping arm assembly, 350 l
3	042.105.155	4	-	M5 x 30 raised-head countersunk screw
4	143.420.060	1	-	Cover
5	061.007.801	1	x	O-ring
6	049.320.850	2	-	Guard ring
7	040.212.150	1	-	M12 x 30 hexagonal bolt
8	143.420.090	1	-	Intermediate ring
9	111.540.120	1	-	Washer
10	063.042.091	1	x	Deep-groove ball-bearing
11	045.020.065	1	-	M20 hexagonal nut
12	040.220.255	1	-	M20 x 60 hexagonal bolt
13	140.420.170	1	-	Stop
14	140.420.180	1	-	Collar bolt
15	143.422.000	1	-	Bearing bolt
16	061.107.003	1	x	Radial sealing ring
17	063.449.121	1	x	Needle bearing
18	049.720.600	1	-	Snap ring

143.430.001

1/1



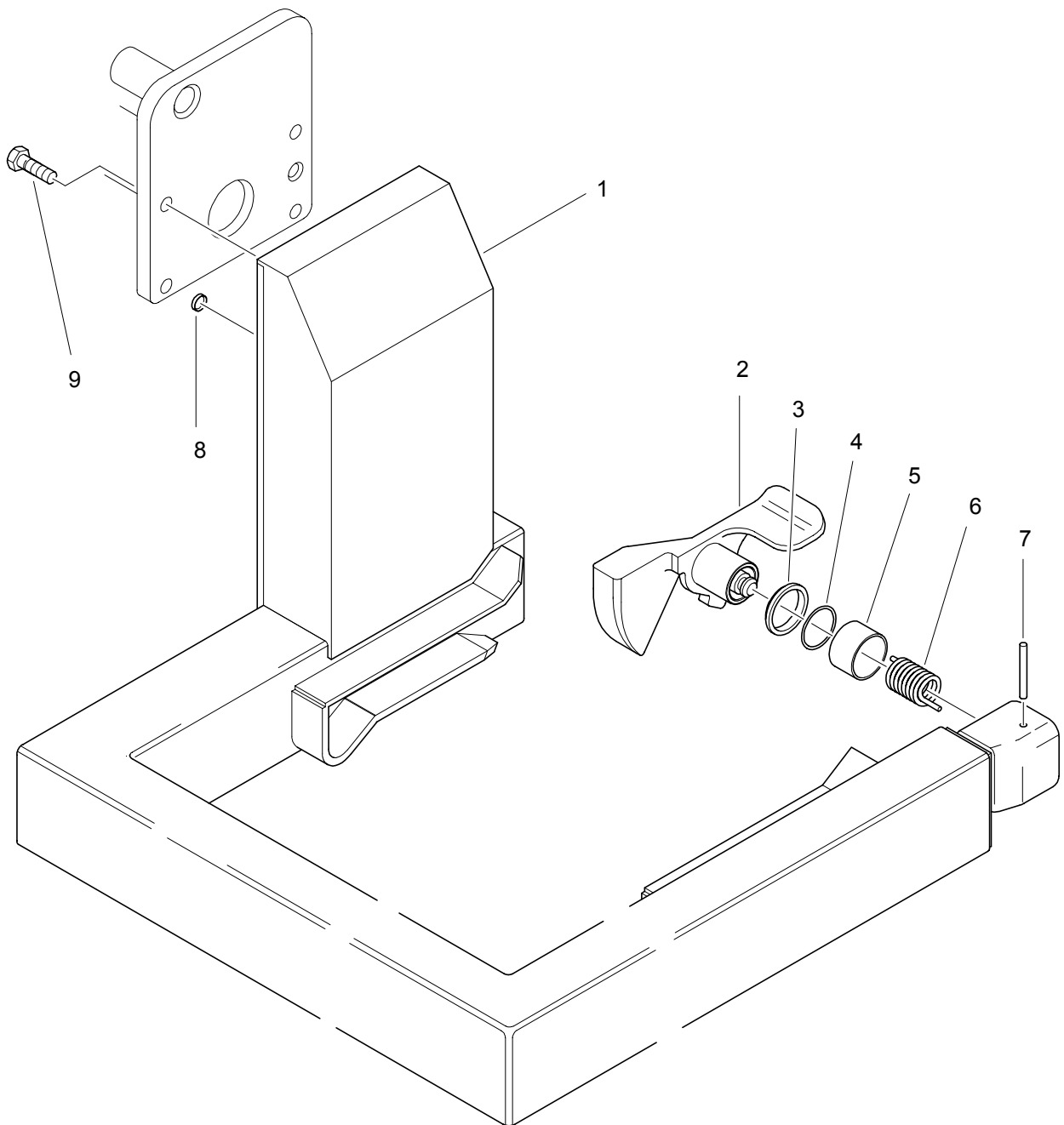
Cover hood**143.430.001**

1/1

Item	Order no.	Quantity	W	Name
1	143.430.060	1	-	Hood, front
2	061.112.002	1	x	Radial sealing ring
3	061.020.001	2	x	O-ring
4	143.430.070	1	-	Intermediate ring
5	143.432.000	1	-	Ring with lever for tipping linkage assembly
6	040.910.135	2	-	M10 x 25 cylindrical bolt
7	143.431.001	1	-	Hood, rear, assembly
8	143.430.100	1	x	Sealing profile
9	143.430.041	1	-	Screw-down strip
10	047.706.075	4	-	Cylindrical pin
11	040.904.175	5	-	M4 x 35 cylindrical bolt
12	143.430.051	1	-	Connecting piece
13	042.106.155	10	-	M6 x 30 raised-head countersunk screw

140.440.006

1/1



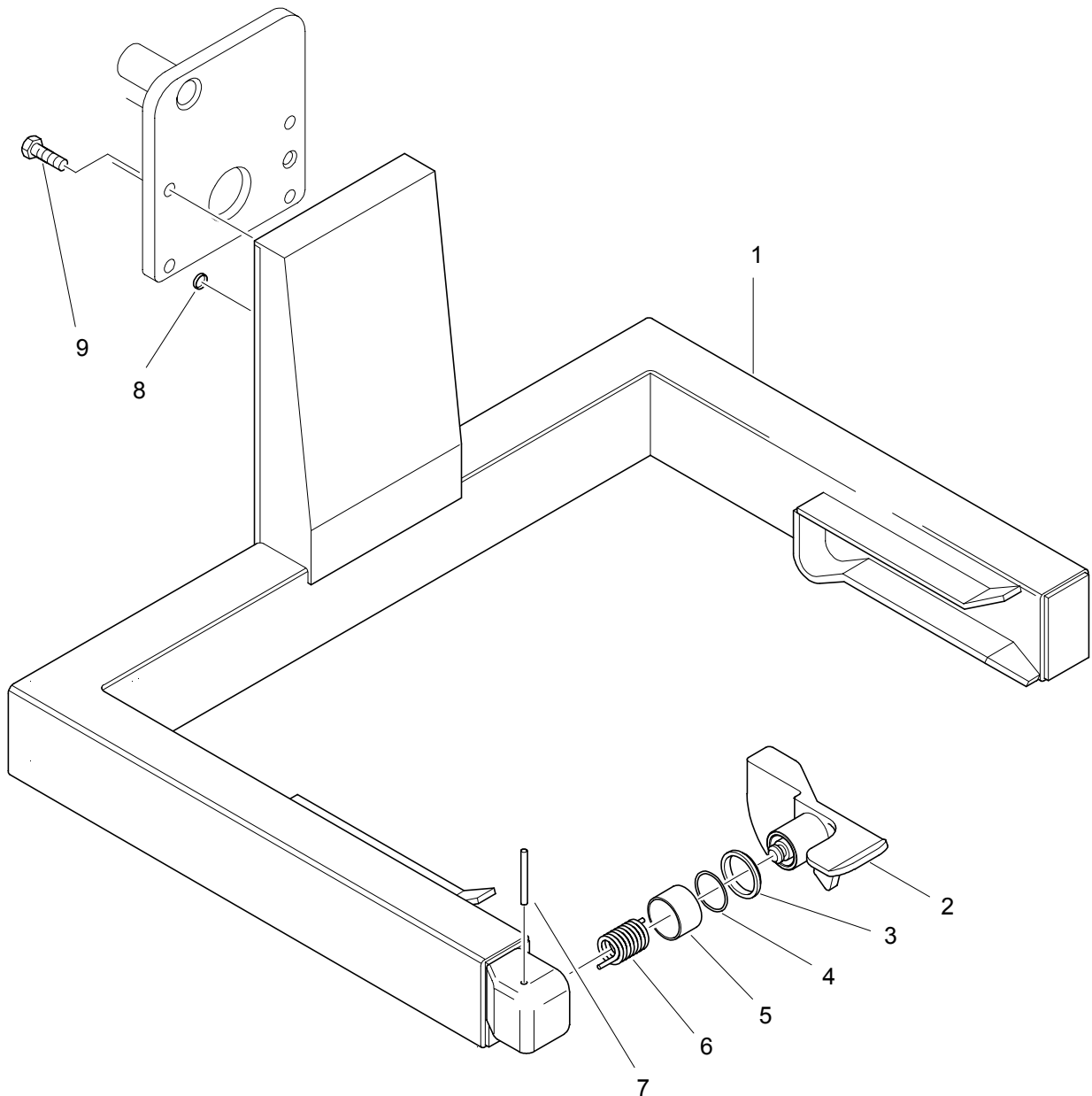
Trolley hoist, entered from rear**140.440.006**

1/1

Item	Order no.	Quantity	W	Name
1	140.441.006	1	-	Trolley hoist assembly
2	140.443.001	1	-	Lock
3	060.104.001	1	-	Scraper
4	061.004.002	1	x	O-ring
5	064.920.404	1	-	Permaglide bushing
6	140.440.100	1	x	Leg spring
7	047.705.255	1	-	Cylindrical pin
8	060.301.501	2	-	Plastic cover
9	040.212.195	4	-	M12 x 40 hexagonal bolt

140.440.003

1/1



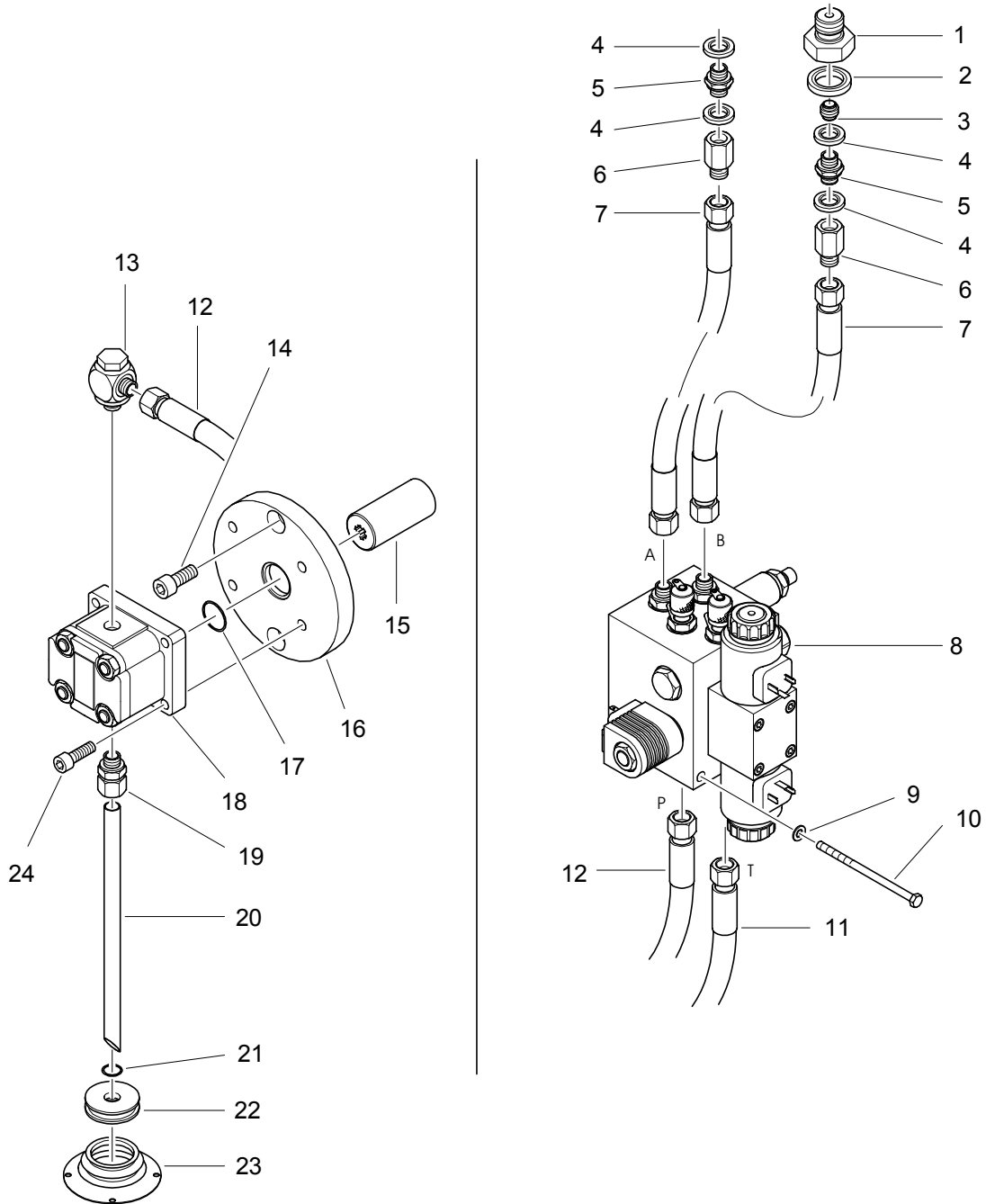
Trolley hoist, entered from side**140.440.003**

1/1

Item	Order no.	Quantity	W	Name
1	140.441.003	1	-	Trolley hoist assembly
2	140.443.001	1	-	Lock
3	060.104.001	1	-	Scraper
4	061.004.002	1	x	O-ring
5	064.920.404	1	-	Permaglide bushing
6	140.440.100	1	x	Leg spring
7	047.705.255	1	-	Cylindrical pin
8	060.301.501	2	-	Plastic cover
9	040.212.195	4	-	M12 x 40 hexagonal bolt

143.450.000

1/1



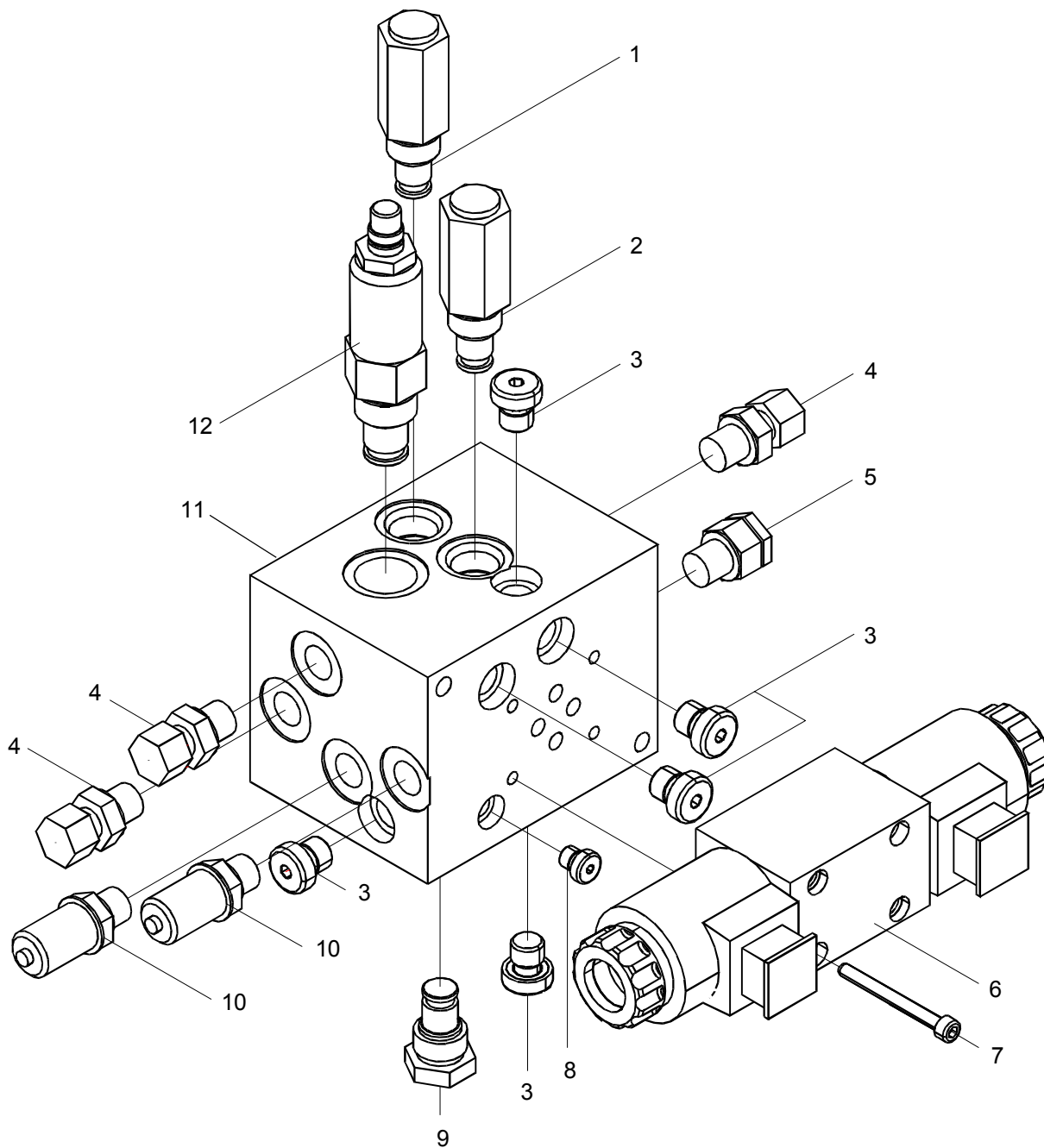
Hydraulic control for lifting/tipping device**143.450.000**

1/1

Item	Order no.	Quantity	W	Name
1	143.410.330	1	-	Throttle locator
2	067.851.501	1	-	Plastic ring
3	090.514.302	1	-	Stop plug non-return valve
4	067.850.801	4	x	Plastic sealing ring
5	067.800.801	2	-	Connector, straight
6	067.910.802	2	-	Screw-down screwed connection, straight
7	067.450.064	2	-	Hydraulic hose, rotating drive units A + B (→ 143.400.000, item 13)
8	093.914.303	1	-	Valve manifold for lifting/tipping device cpl.
9	046.006.010	2	-	Washer
10	040.106.330	2	-	M6 x 100 hexagonal bolt
11	067.450.065	1	-	Hydraulic hose, return (→ 143.100.001, 2/4, item 12)
12	067.450.081	1	-	Hydraulic hose, pump
13	067.861.203	1	-	Swivelling screwed connection
14	040.910.115	2	-	M10 x 20 cylindrical bolt
15	143.450.160	1	-	Profile bushing
16	143.450.170	1	-	Intermediate flange
17	061.002.402	1	x	O-ring
18	090.214.303	1	-	Gear pump
19	067.811.201	1	-	Screw-in screwed connection, straight
20	143.450.200	1	-	Outlet pipe
21	061.001.203	1	x	O-ring
22	143.450.210	1	-	Reducing bushing
23	060.503.201	1	-	Bellows
24	040.908.135	4	-	M8 x 25 cylindrical bolt

093.914.303

1/1



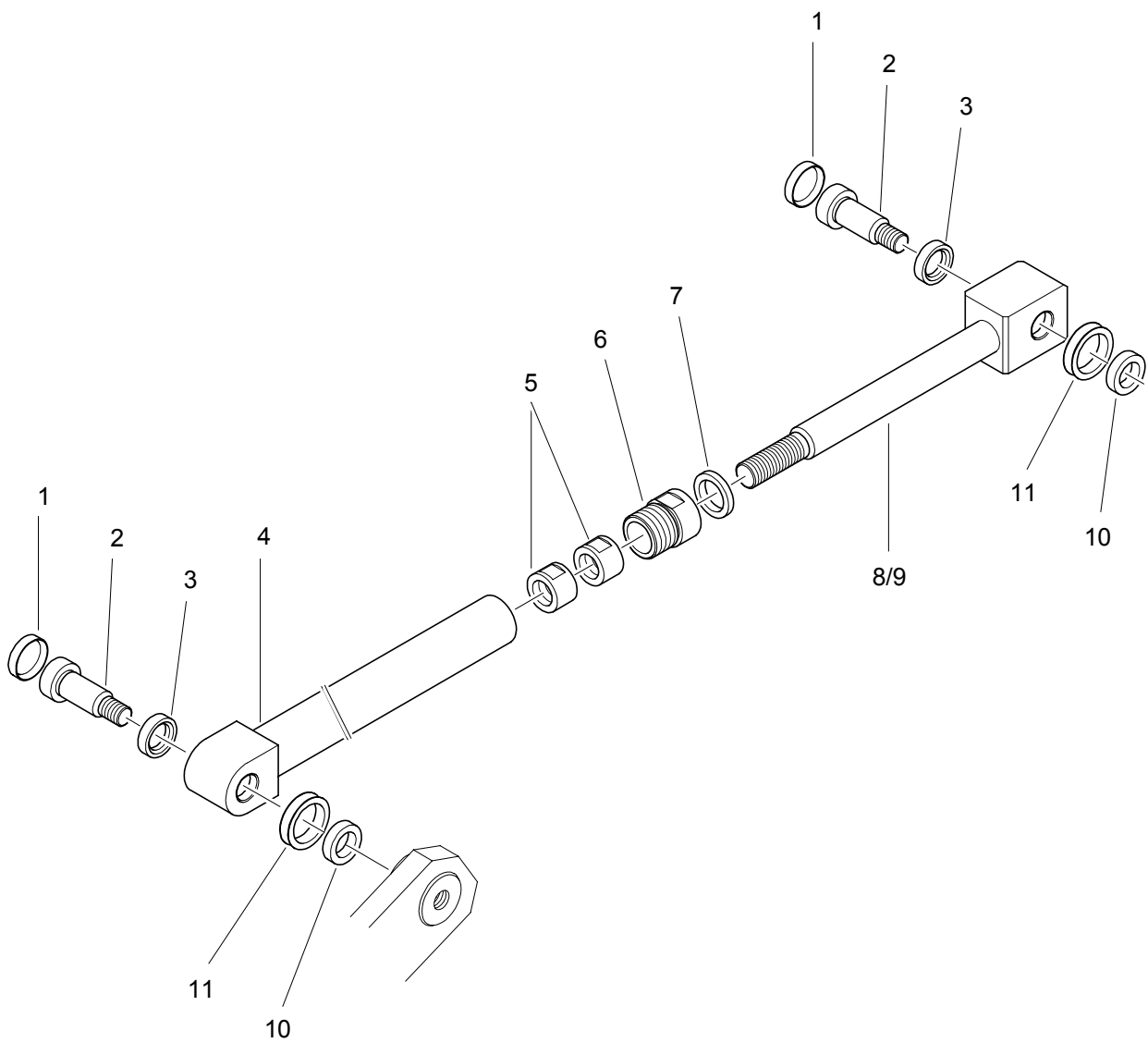
Valve manifold for lifting/tipping device cpl.**093.914.303**

1/1

Item	Order no.	Quantity	W	Name
1	093.414.302	1	-	Pressure limiting valve
2	093.414.301	1	-	Pressure limiting valve
3	068.050.805	5	-	Shut-off screw
4	067.810.801	3	-	Screw connection
5	067.811.001	1	-	Screw connection
6	090.514.304	1	-	Directional valve
7	041.605.231	4	-	M5 x 50 cylindrical bolt
8	068.050.809	1	-	Shut-off screw
9	090.514.303	1	-	Non-return valve
10	067.930.083	2	-	Screw coupling
11	093.914.311	1	-	Plate
12	093.214.301	1	-	Flow control valve

143.460.000**143.460.001**

1/1



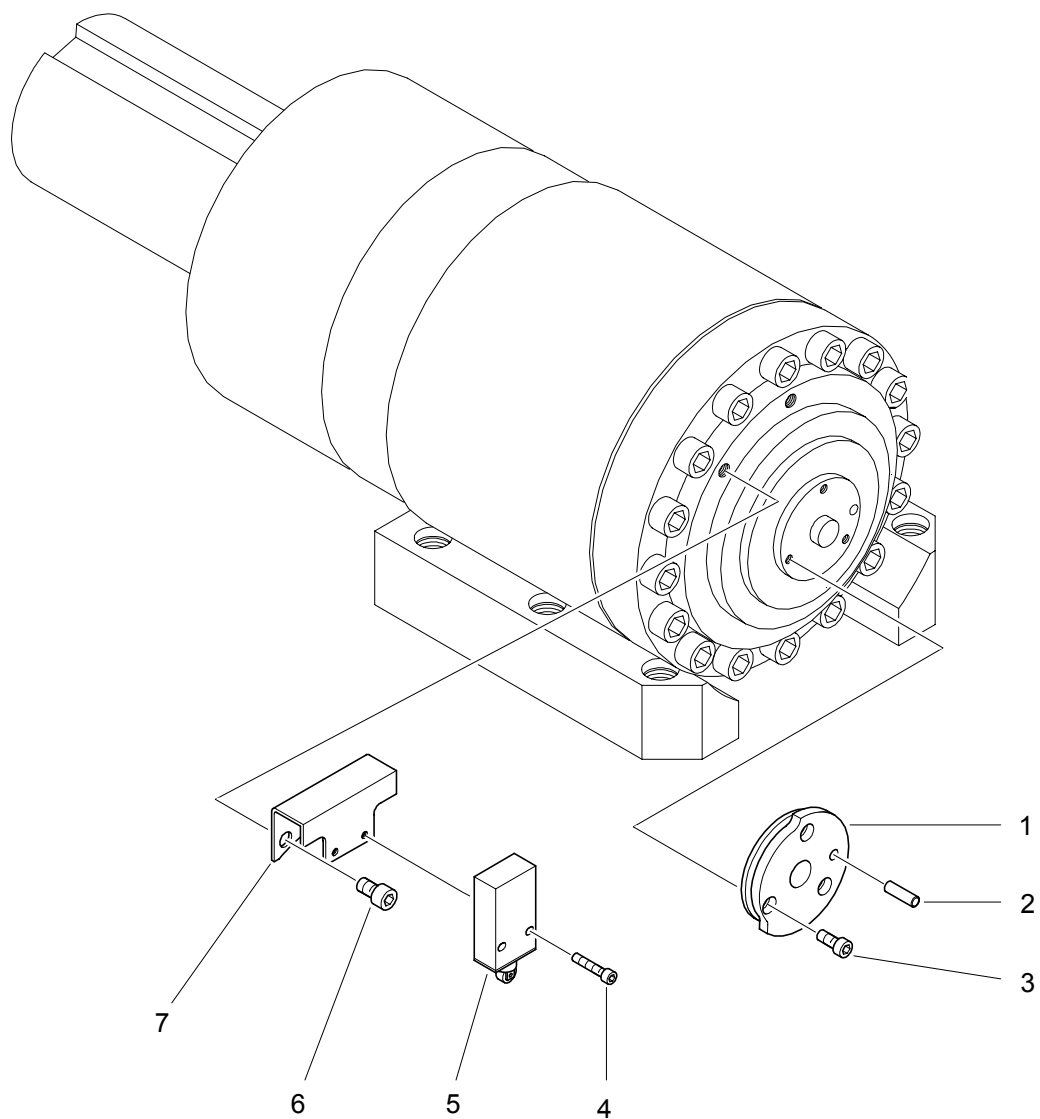
Tipping mechanism, 250 l**143.460.000****Tipping mechanism, 350 l****143.460.001**

1/1

Item	Order no.	Quantity	W	Name
1	060.302.601	2	-	Plastic cover
2	041.512.155	2	-	Close-tolerance collar bolt
3	896.000.110	2	-	Washer
4	896.051.002	1	-	Outer rod assembly
5	143.460.030	2	-	Threaded bushing
6	857.050.045	1	-	Stop bushing
7	060.102.001	1	x	Scraper
8	143.462.000	1	-	Inner rod, 250 l, assembly
9	143.462.001	-	-	Inner rod, 350 l, assembly
10	857.000.145	2	-	Washer
11	857.000.155	2	x	Sealing ring

143.480.000

1/1



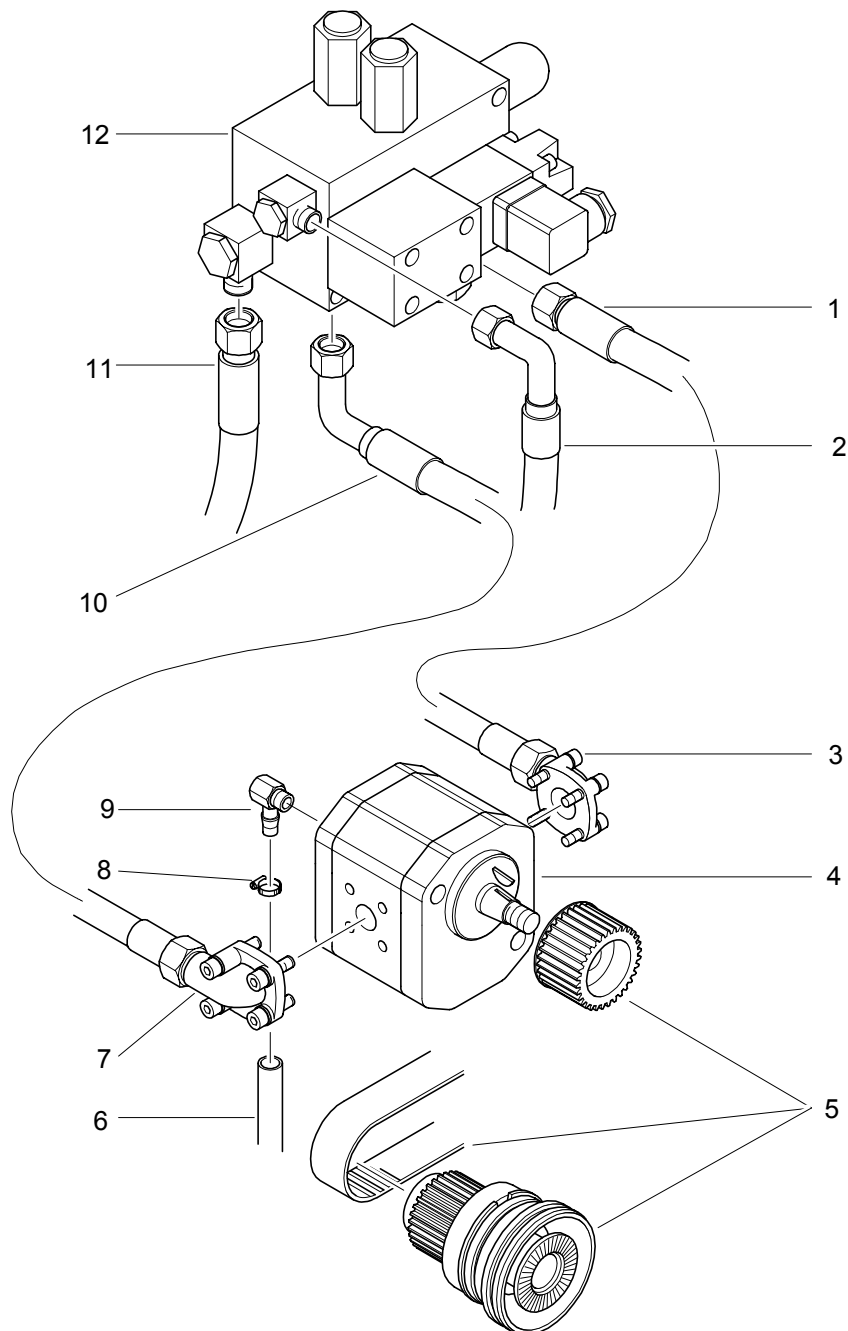
Electric control for lifting/tipping device**143.480.000**

1/1

Item	Order no.	Quantity	W	Name
1	143.480.030	1	-	Control washer
2	047.706.125	1	-	Cylindrical pin
3	040.905.095	3	-	M5 x 16 cylindrical bolt
4	040.904.135	2	-	M4 x 25 cylindrical bolt
5	143.873.901	1	-	Safety switch with cable
6	040.908.065	2	-	M8 x 12 cylindrical bolt
7	143.481.000	1	-	Switch plate assembly

143.700.000

1/1



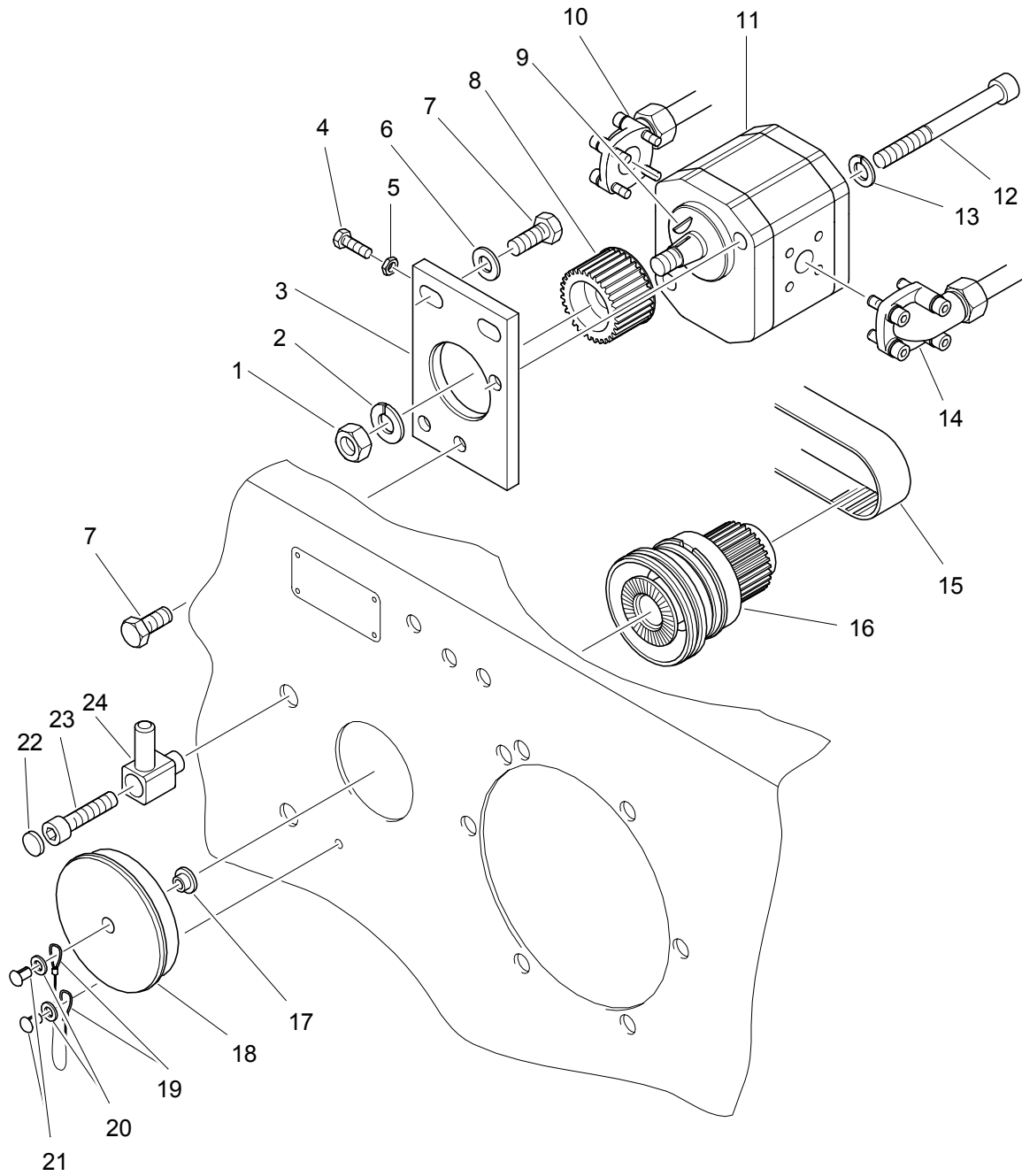
Separate linker**143.700.000**

1/1

Item	Order no.	Quantity	W	Name
1	067.461.201	1	-	Hydraulic hose
2	067.461.003	-	-	Hydraulic hose (→ 143.770.001, item 2)
3	068.011.501	1	-	Flange connection
4	090.313.401	1	-	Gear motor
5	150.750.001	1	-	Drive for linker, cpl.
6	067.450.062	2	-	Low pressure hydraulic hose (→ 143.100.001, 1/4, item 4)
7	068.011.201	1	-	Flange connection
8	067.700.081	4	-	Jubilee clip
9	067.690.071	1	-	Hose connection
10	067.461.001	1	-	Hydraulic hose
11	067.461.202	1	-	Hydraulic hose (→ 143.100.001, 2/4, item 8)
12	093.914.306	1	-	Valve manifold for linker, cpl.
-	143.770.000	1	-	Pump unit for linker
-	067.650.010	1	-	Hose connector
-	040.906.305	2	-	M6 x 85 cylindrical bolt

150.750.001

1/1



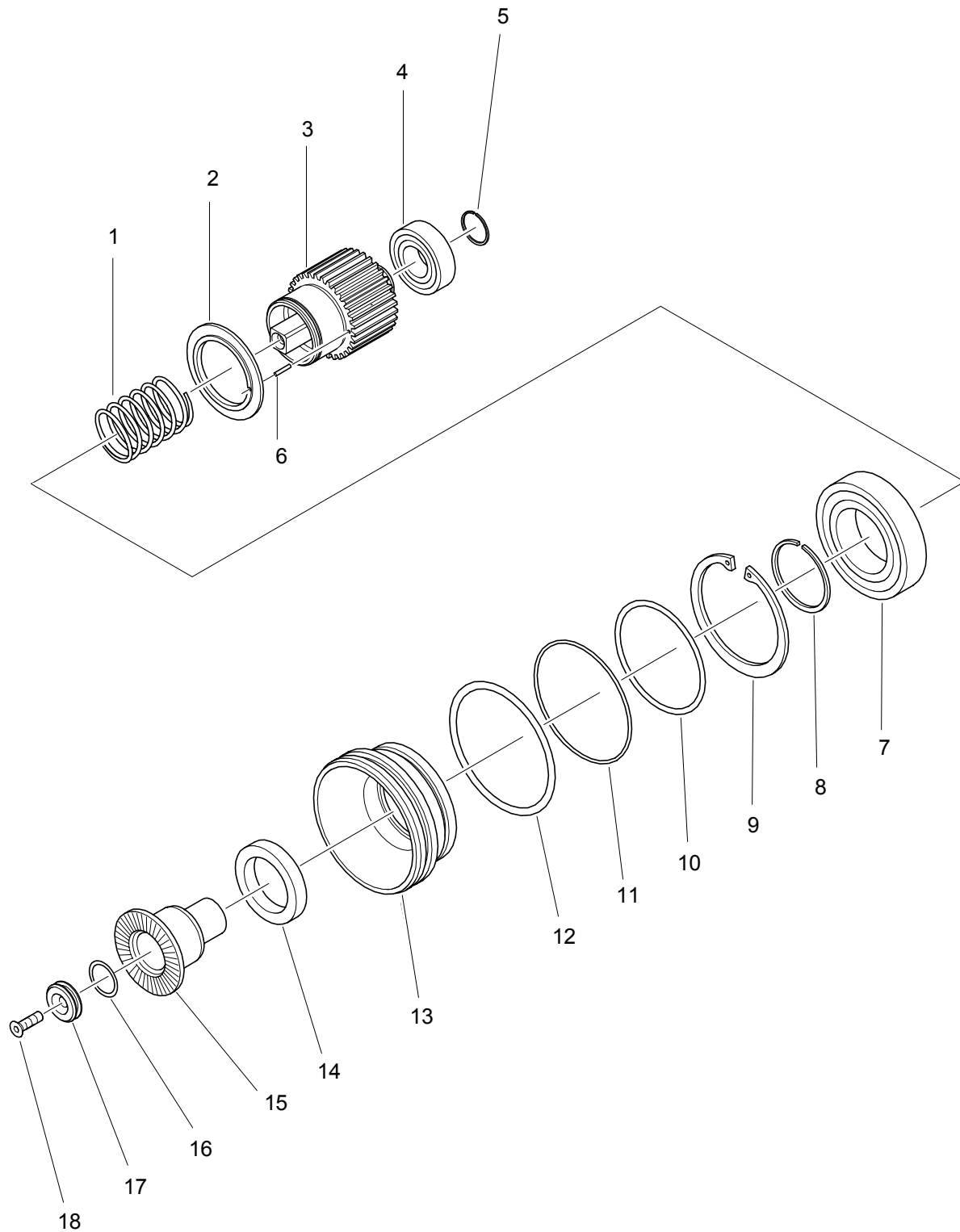
Drive for linker cpl.**150.750.001**

1/1

Item	Order no.	Quantity	W	Name
1	045.112.075	1	-	M12 hexagonal nut
2	046.512.011	1	-	Spring ring
3	150.750.120	1	-	Motor plate
4	040.206.110	1	-	M6 x 20 hexagonal bolt
5	045.006.065	1	-	M6 hexagonal nut
6	046.010.010	2	-	Washer
7	040.210.135	3	-	M10 x 25 hexagonal bolt
8	150.750.280	1	-	Synchronous washer
9	049.203.540	1	-	Spring washer
10	068.011.201	-	-	Flange connection
11	090.313.401	1	-	Gear motor
12	040.910.337	2	-	M10 x 100 cylindrical bolt
13	046.510.021	2	-	Spring ring
14	068.011.501	-	-	Flange connection
15	066.405.000	1	x	Toothed belt
16	150.752.000	1	-	Bearing for linking cpl.
17	140.750.210	1	-	Sleeve
18	140.750.190	1	-	Cap
19	140.750.230	1	-	Retaining cable
20	046.006.010	2	-	Washer
21	048.306.065	2	-	Hemispherical grooved drive stud
22	060.301.501	2	-	Plastic cover
23	150.754.030	2	-	M10 x 45 cylindrical bolt
24	150.754.010	2	-	Hinge block

150.752.000

1/1



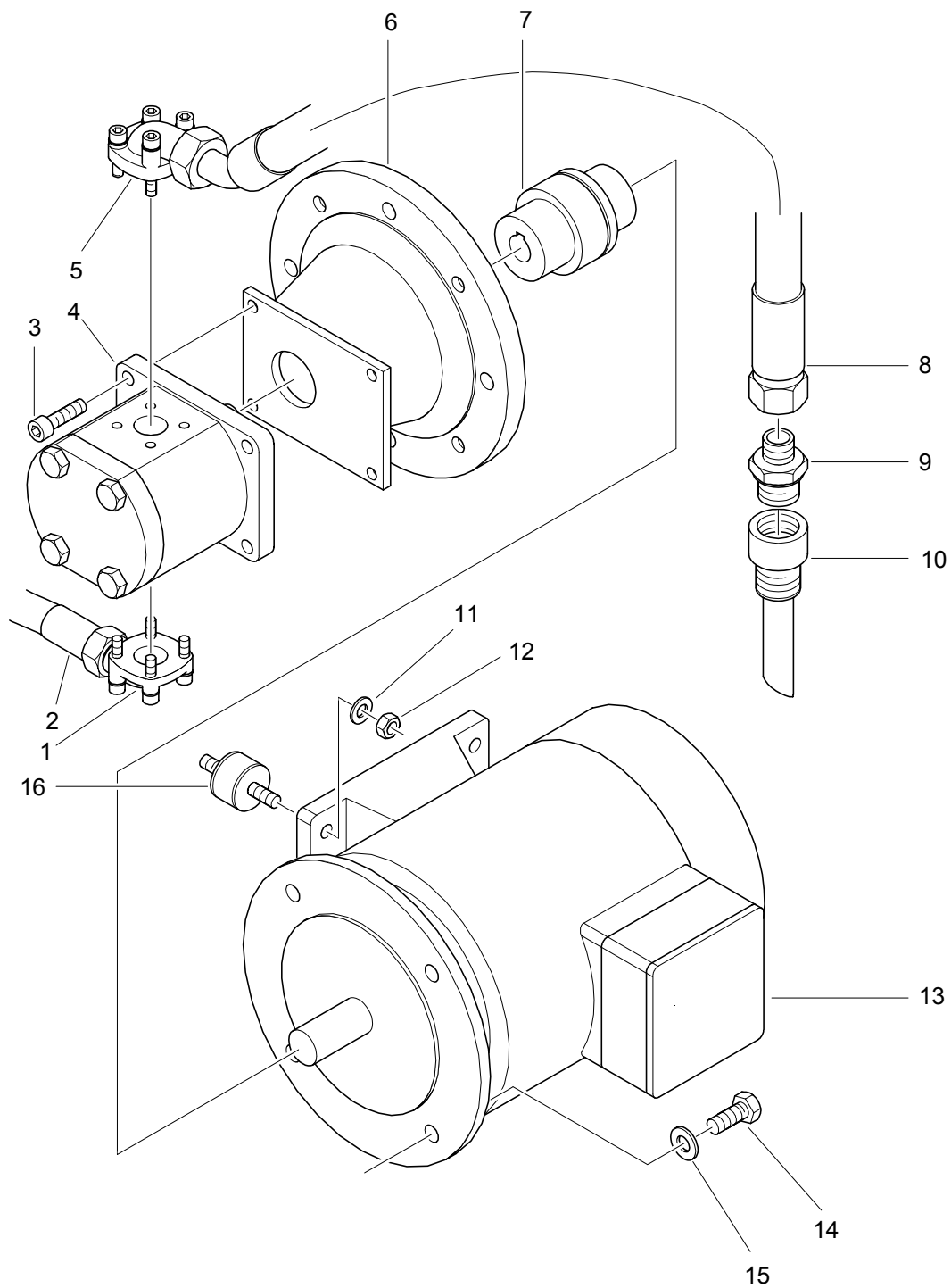
Bearing for linker cpl.**150.752.000**

1/1

Item	Order no.	Quantity	W	Name
1	090.713.402	1	-	Compression spring
2	150.751.100	1	-	Flanged wheel
3	150.753.000	1	-	Gear wheel
4	063.060.035	1	x	Deep-groove ball-bearing
5	049.331.701	1	-	Seeger V-ring
6	047.701.065	1	-	Cylindrical pin
7	063.060.075	1	x	Deep-groove ball-bearing
8	049.720.350	1	-	Seeger snap ring
9	049.320.620	1	-	Guard ring
10	061.005.501	1	x	O-ring
11	061.006.301	1	x	O-ring
12	061.006.303	1	x	O-ring
13	150.752.160	1	-	Collar bushing
14	061.103.012	1	x	Radial shaft sealing ring
15	134.751.040	1	-	Tooth clutch
16	061.001.502	1	x	O-ring
17	134.751.050	1	-	Washer
18	041.105.095	1	-	M5 x 16 flat-headed countersunk screw

143.770.001

1/1



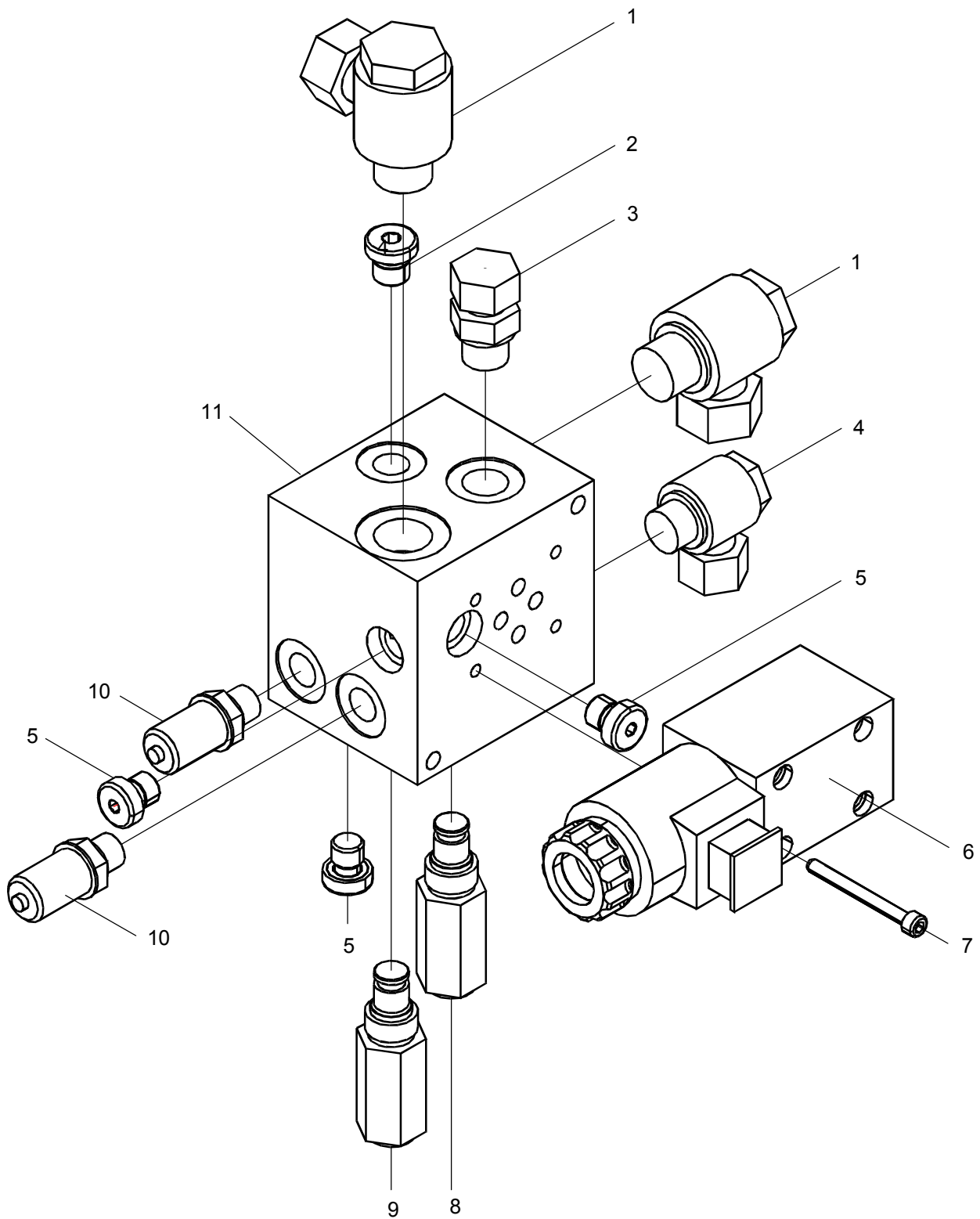
Pump unit for linker**143.770.001**

1/1

Item	Order no.	Quantity	W	Name
1	068.011.201	1	-	Flange connection
2	067.461.003	1	-	Hydraulic hose (→ 143.700.000, item 2)
3	040.908.155	4	-	M8 x 30 cylindrical bolt
4	090.214.306	1	-	Gear pump
5	068.011.801	1	-	Flange connection
6	090.214.307	1	-	Pump support
7	091.214.303	1	-	Clutch
8	067.462.004	1	-	Hydraulic hose
9	067.812.202	1	-	Screw-in screwed connection, straight
10	143.795.000	1	-	Intake pipe assembly
11	046.008.010	4	-	Washer
12	045.008.065	4	-	M8 hexagonal nut
13	081.370.323	1	-	Rotary current motor
14	040.210.135	4	-	M10 x 25 hexagonal bolt
15	046.010.010	4	-	Washer
16	066.710.302	4	-	Vibration damper

093.914.306

1/1



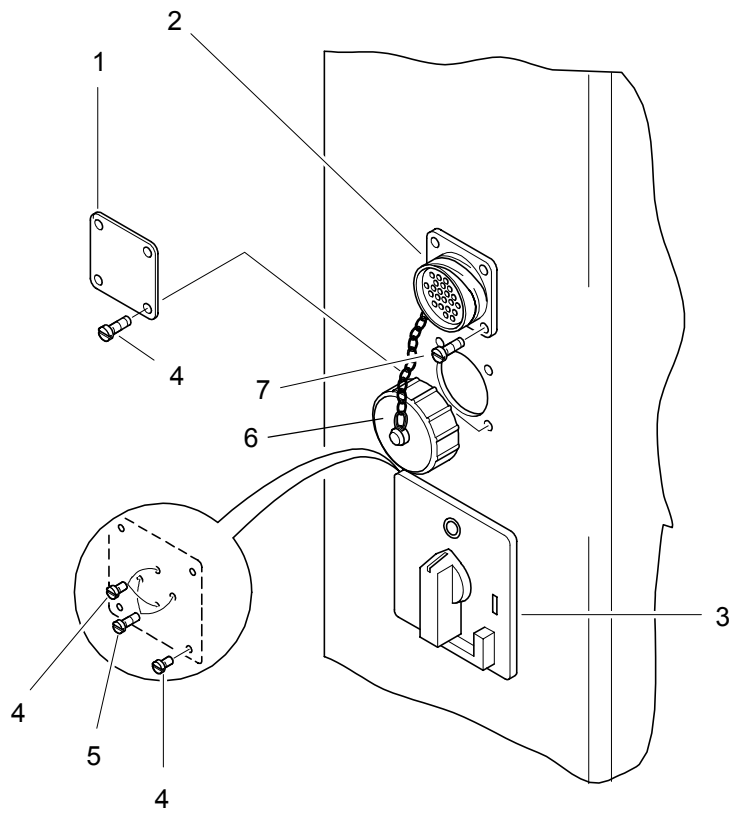
Valve manifold for linker cpl.**093.914.306**

1/1

Item	Order no.	Quantity	W	Name
1	067.861.505	2	-	Screw connection
2	068.050.802	1	-	Shut-off screw
3	067.811.201	1	-	Screw connection
4	067.861.203	1	-	Screw connection
5	068.050.805	3	-	Shut-off screw
6	090.514.004	1	-	Directional valve
7	041.605.231	4	-	M5 x 50 cylindrical bolt
8	093.414.304	1	-	Pressure limiting valve
9	093.414.303	1	-	Pressure limiting valve
10	067.930.083	2	-	Screw coupling
11	093.914.309	1	-	Plate

140.830.001

1/1



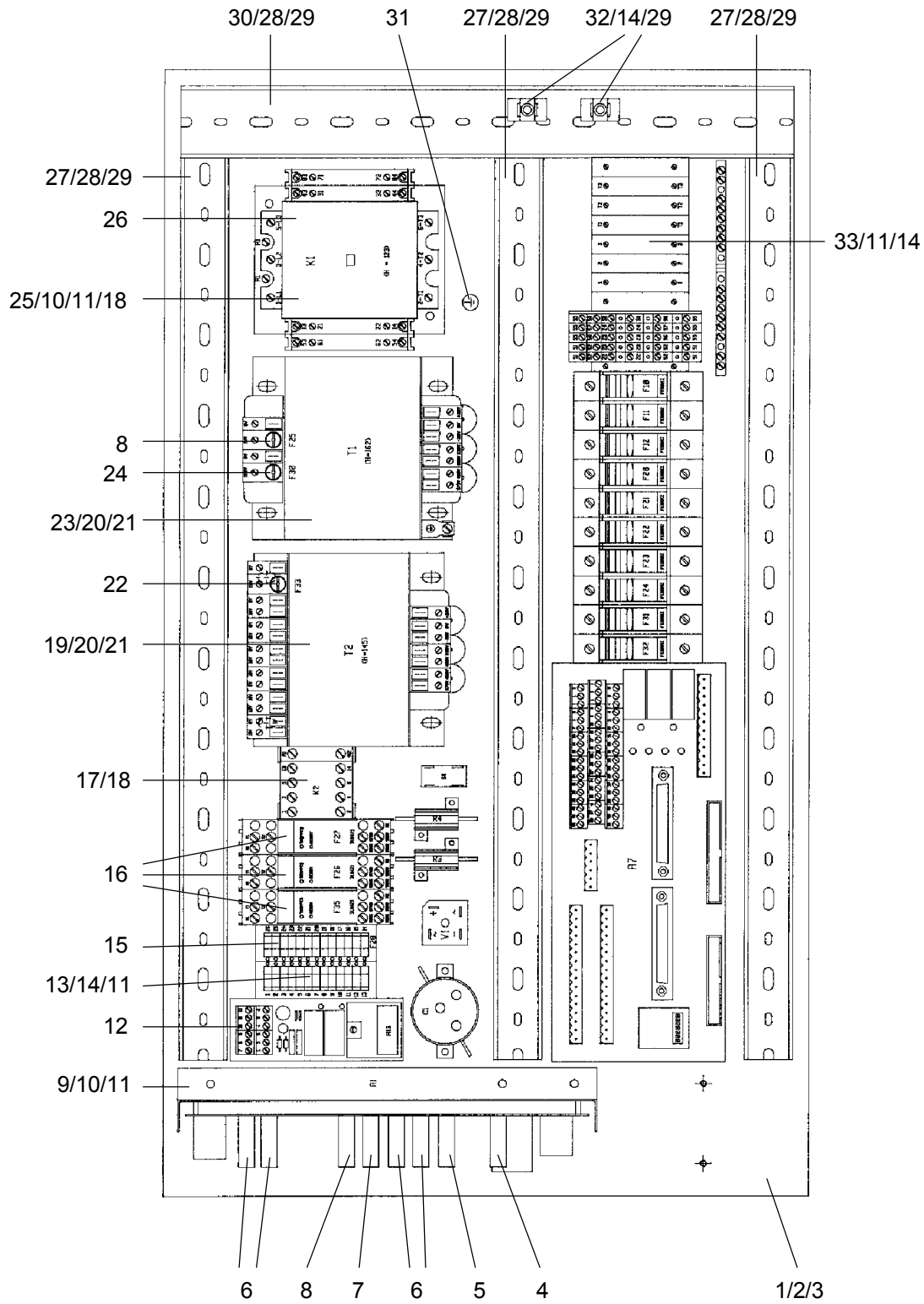
Socket cover**140.830.001**

1/1

Item	Order no.	Quantity	W	Name
1	140.830.201	1	-	Blind cover
2	140.837.101	1	-	Remote control socket with cable
3	071.012.037	1	-	Main switch
4	041.604.065	10	-	M4 x 12 cylindrical bolt
5	041.604.095	2	-	M4 x 16 cylindrical bolt
6	075.099.024	1	-	Dust cap
7	041.604.055	4	-	M4 x 10 cylindrical bolt

143.850.001

1/2



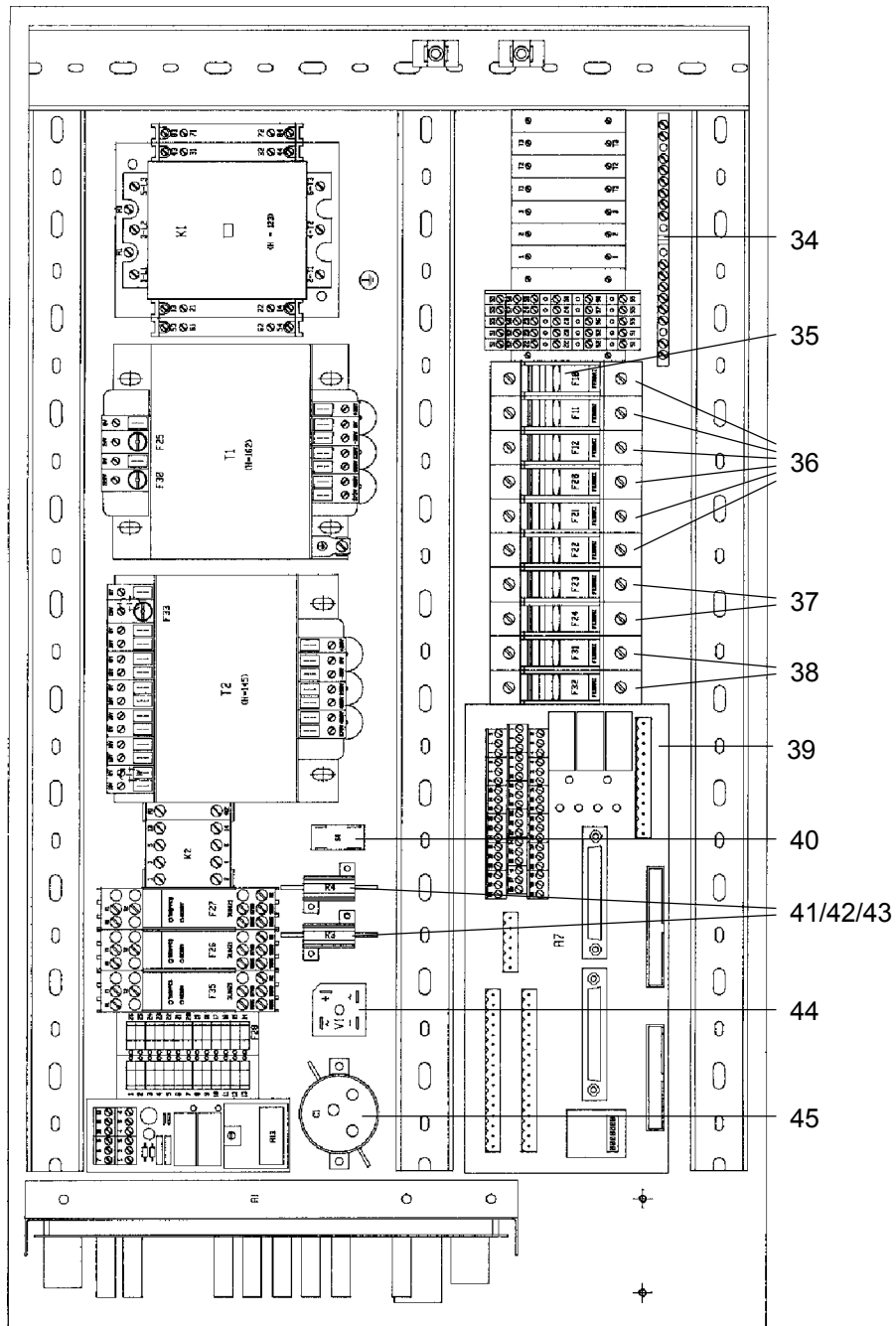
Control panel**143.850.001**

1/2

Item	Order no.	Quantity	W	Name
1	140.851.003	1	-	Assembly plate assembly
2	041.906.065	5	-	M6 x 12 flat-headed countersunk screw
3	046.606.120	5	-	Washer
4	074.113.011	1	x	G-fuse T2A-250V (F9)
5	074.187.024	1	x	G-fuse F0,5A-250V (F4)
6	074.139.005	4	x	G-fuse T0,315A-250V (F2, F3, F5, F6)
7	074.187.015	1	x	G-fuse FF3,15A-250V (F8)
8	074.187.014	2	x	G-fuse F3,15A-250V (F1, F25)
9	871.380.002	1	-	Power supply component (A1)
10	041.604.112	5	-	M4 x 20 cylindrical bolt
11	046.604.120	9	-	Washer
12	871.400.006	1	-	Lifting/tipping device component, optional (A13)
13	143.850.401	1	-	Bearing rail
14	041.604.045	6	-	M4 x 8 cylindrical bolt
15	071.405.053	1	-	Central unit (F28)
16	072.160.104	3	-	Thermistor (F26, F27, F35)
17	072.060.047	1	-	Contactactor (K2)
18	073.060.050	2	-	RC element
19	073.207.093	1	-	Control transformer (T2)
20	041.605.050	8	-	M5 x 10 cylindrical bolt
21	046.005.010	8	-	Washer
22	074.187.018	1	x	G-fuse F6,3A-250V (F33)
23	073.207.092	1	-	Mains transformer (T1)
24	074.187.004	1	x	G-fuse T1A-250V (F30)
25	072.060.046	1	-	Contactactor (K1)
26	140.854.001	1	-	Cover (K1)
27	140.850.303	3	-	Cable duct
28	041.604.025	12	-	M4 x 5 cylindrical bolt
29	046.004.010	14	-	Washer
30	140.850.202	1	-	Cable duct
31	070.995.001	1	-	Earth symbol
-	143.850.701	1	-	Identification kit
32	070.802.248	2	-	Mounting pedestal
33	143.850.101	1	-	Plug strip terminal X1

143.850.001

2/2



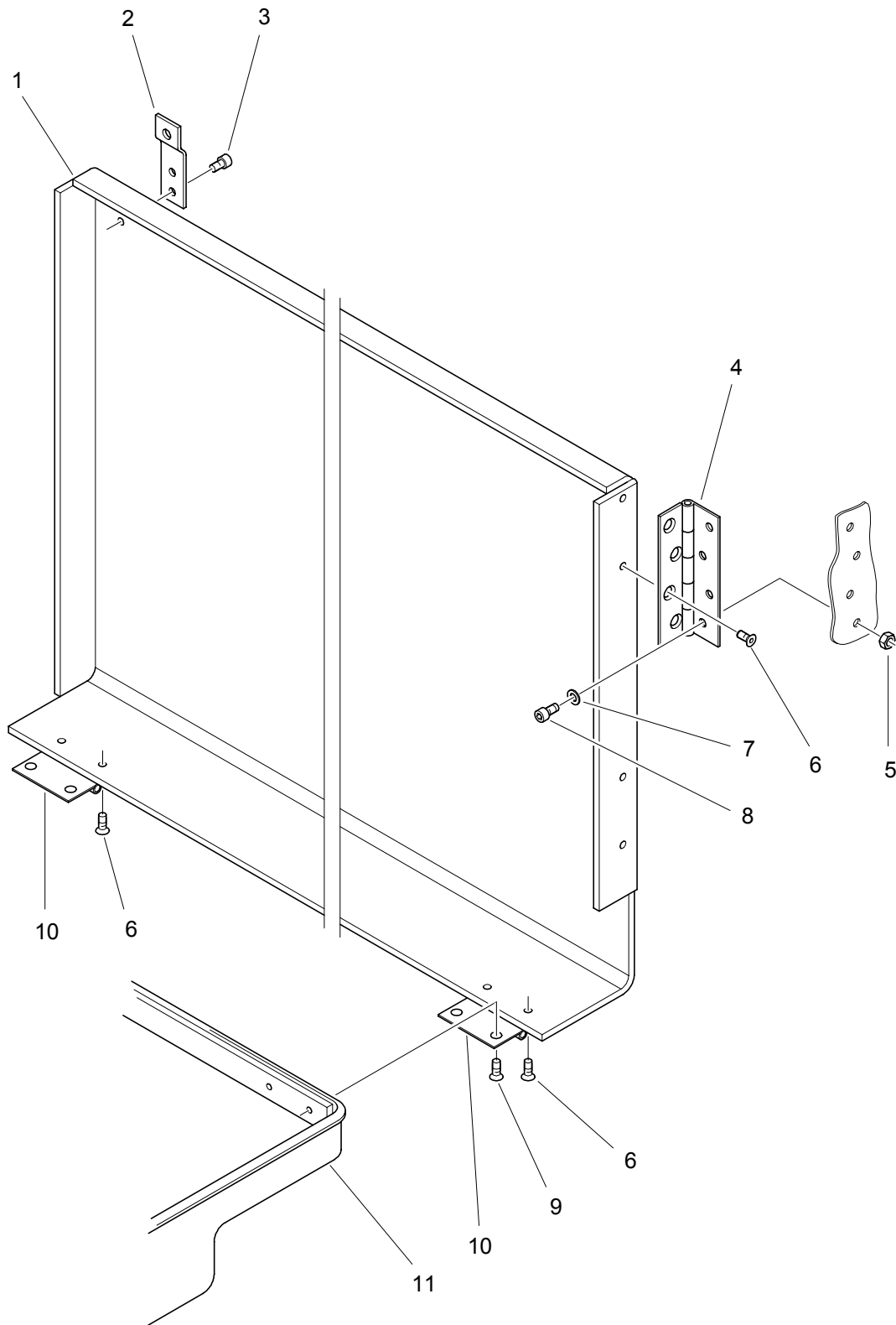
Control panel**143.850.001**

2/2

Item	Order no.	Quantity	W	Name
34	075.060.004	1	-	Neutral conductor rail
35	074.059.014	10	-	Fuse holder
36	074.059.015	6	x	Fuse 10x38 F10A (F10 - F12, F20 - F22)
37	074.059.017	2	x	Fuse 10x38 F2A (F23, F24)
38	074.059.016	2	x	Fuse 10x38 F4A (F31, F32)
39	871.390.003	1	-	Terminal module and provisional drive component (A7)
40	071.038.001	1	-	Provisional drive rocker switch
41	072.800.005	2	-	Wire resistor R3, R4
42	041.603.025	4	-	M3 x 5 cylindrical bolt
43	046.603.121	4	-	Washer
44	073.060.012	1	-	Bridge rectifier (V1)
45	073.163.045	1	-	Capacitor (C1)

140.851.003

1/1



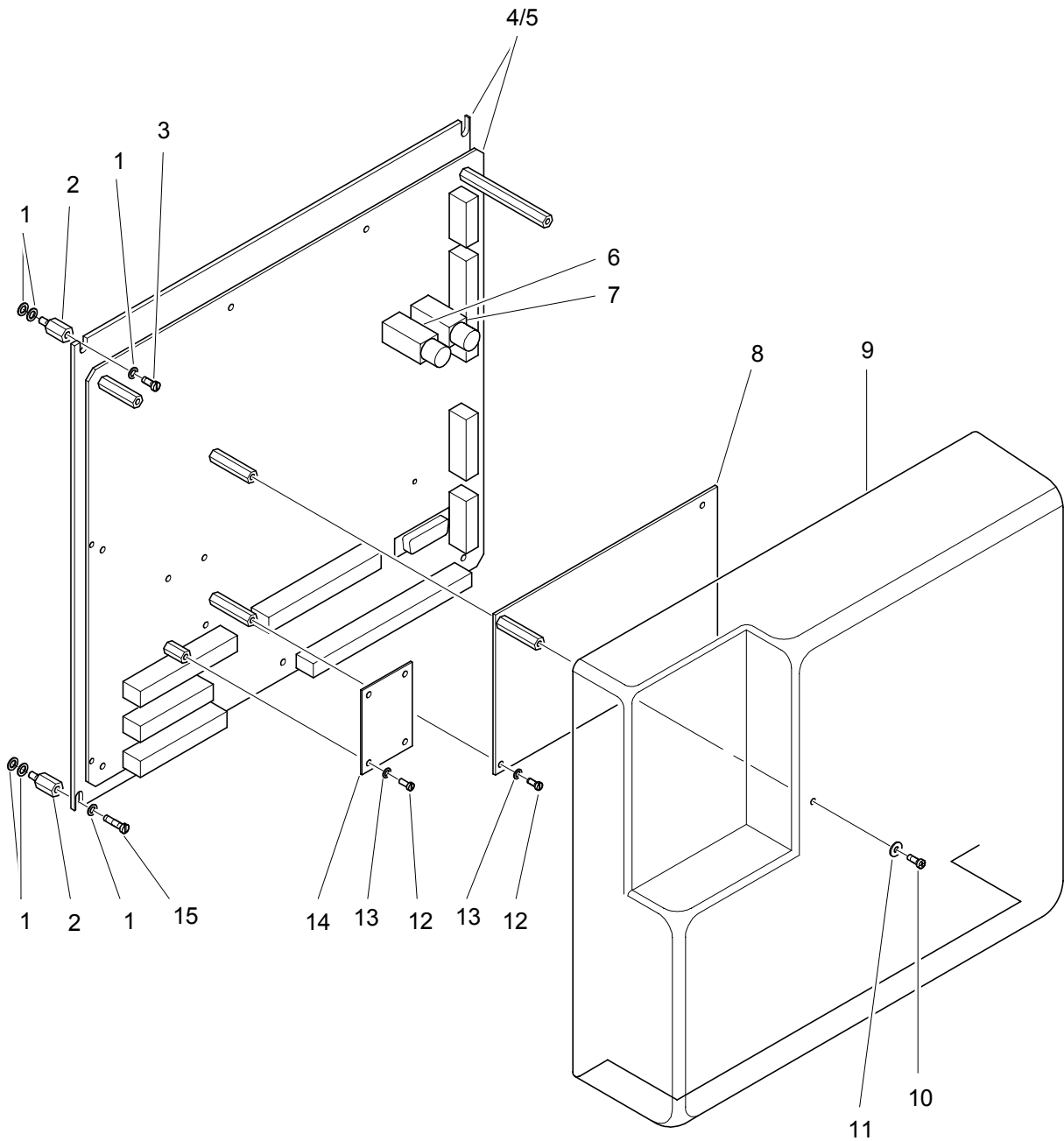
Control panel facing**140.851.003**

1/1

Item	Order no.	Quantity	W	Name
1	140.851.103	1	-	Control panel plate
2	140.851.401	1	-	Tab
3	040.905.045	3	-	M5 x 8 cylindrical bolt
4	067.210.502	2	-	Hinge
5	045.005.065	8	-	M5 hexagonal nut
6	041.104.055	8	-	M4 x 10 flat-headed countersunk screw
7	046.005.010	8	-	Washer
8	041.005.055	8	-	M5 x 10 cylindrical bolt
9	041.105.055	4	-	M5 x 10 flat-headed countersunk screw
10	067.210.501	2	-	Hinge
11	140.852.001	1	-	Protective cover assembly

871.370.002

1/1

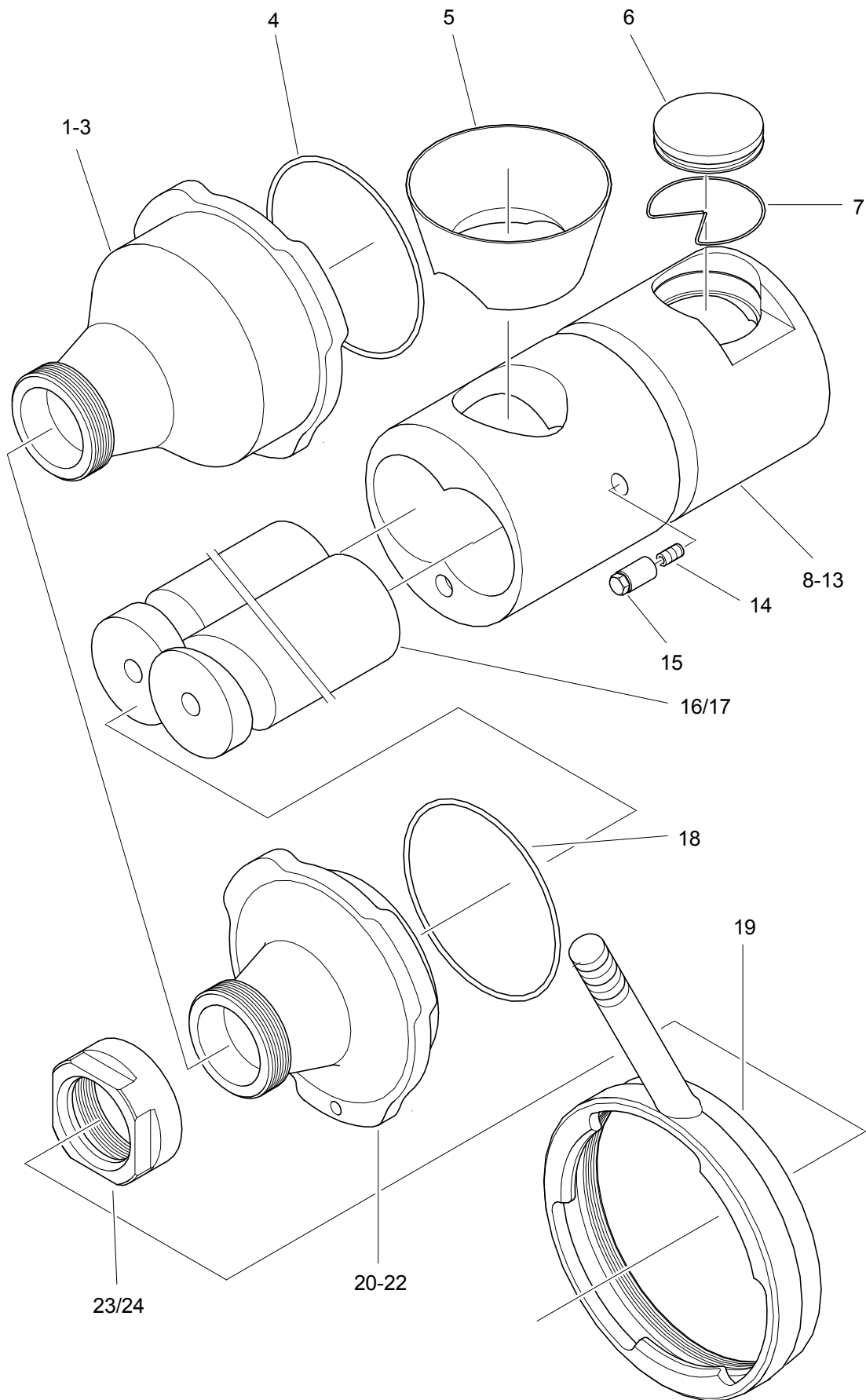


Power electronics**871.370.002**

1/1

Item	Order no.	Quantity	W	Name
1	046.004.010	12	-	Washer
2	070.922.007	4	-	M4 x 10 spacer pin
3	041.604.045	2	-	M4 x 8 cylindrical bolt
4	871.374.001	1	-	Power electronics assembly plate
5	871.371.004	1	-	Power electronics circuit board
6	074.187.015	1	x	G-fuse FF3,15A-250V
7	074.187.014	1	x	G-fuse F3,15A-250V
8	871.410.001	1	-	Proportional amplifier
9	871.370.701	1	-	Protective cover for power electronics
10	041.603.047	1	-	M3 x 8 cylindrical bolt
11	046.103.015	1	-	Washer
12	041.603.025	5	-	M3 x 5 cylindrical bolt
13	046.003.020	5	-	Washer
14	871.460.xxx	1	-	Coding card for hydraulic motor
15	041.604.065	2	-	M4 x 12 cylindrical bolt

1/1



Double screw housing and filling horn holder

1/1

Item	Order no.	Quantity	W	Name
1	936.316.002	-	-	Filling horn holder, round thread 80 x 1/4", for double screw housing with excess length
2	936.338.000	-	-	Filling horn holder, trapezoid thread 119.4 x 1/6", for double screw housing with excess length (only with back-suction blocked)
3	936.378.000	-	-	Filling horn holder, round thread 130 x 1/4", for double screw housing with excess length (only with back-suction blocked)
4	061.015.501	-	x	O-ring
5	140.020.040	-	-	Filling piece for inlet dia. 80 (can only be used with inlet dia. 100)
6	920.001.010	-	-	Blind cover
7	110.440.030	-	-	Snap ring
8	922.310.002	-	-	Double screw housing, front (standard length)
9	922.410.101	-	-	Double screw housing, front (excess length)
10	922.810.003	-	-	Double screw housing, rear, inlet dia. 80
11	922.810.004	-	-	Double screw housing, rear, inlet dia. 100
12	920.xxx.xxx	-	-	Double screw housing, all-in-one (standard length)
13	920.xxx.xxx	-	-	Double screw housing, all-in-one (excess length)
14	044.210.135	-	-	Threaded pin
15	922.000.011	-	-	Centring pin
16	91x.xxx.xxx	-	-	Double screw, l = 367 mm
17	91x.xxx.xxx	-	-	Double screw, l = 454 mm
18	061.014.003	1	x	O-ring
19	140.280.000	1	-	Locking nut
20	936.315.000	1	-	Filling horn holder, round thread 80 x 1/4", for double screw housing with standard length
21	936.335.000	-	-	Filling horn holder, trapezoid thread 119.4 x 1/6", for double screw housing with standard length (only with back-suction blocked)
22	936.375.000	-	-	Filling horn holder, round thread 130 x 1/4", for double screw housing with standard length (only with back-suction blocked)
23	930.100.017	1	-	Filling horn nut
24	096.011.701	-	-	Filling horn nut for filling horn holder, trapezoid thread 119.4 x 1/6"

Tools and accessories

Item	Order no.	Quantity	W	Name
-	067.064.001	1	-	Grease gun
-	067.064.002	1	-	Grease gun hose
-	126.030.041	1	-	WAF 80/30/50 universal spanner
-	069.120.131	1	-	WAF 13/17 double spanner
-	069.171.251	1	-	Face spanner (lifting/tipping device)
-	110.930.010	1	-	Screw extractor (double screw)
-	114.038.000	1	-	Extraction device (double screw housing)

Lubricants

Item	Order no.	Quantity	W	Name
-	052.001.017	-	x	Shell Omala oil 100 (double screw drive)
-	052.001.010	-	x	Shell Tellus T46 hydraulic oil (hydraulic drive)
-	052.001.018	-	x	BP Energol RC 100 lubricating oil (vacuum pump)
-	052.008.026	-	x	VEMAG special grease (feed unit seals and feed unit drive)