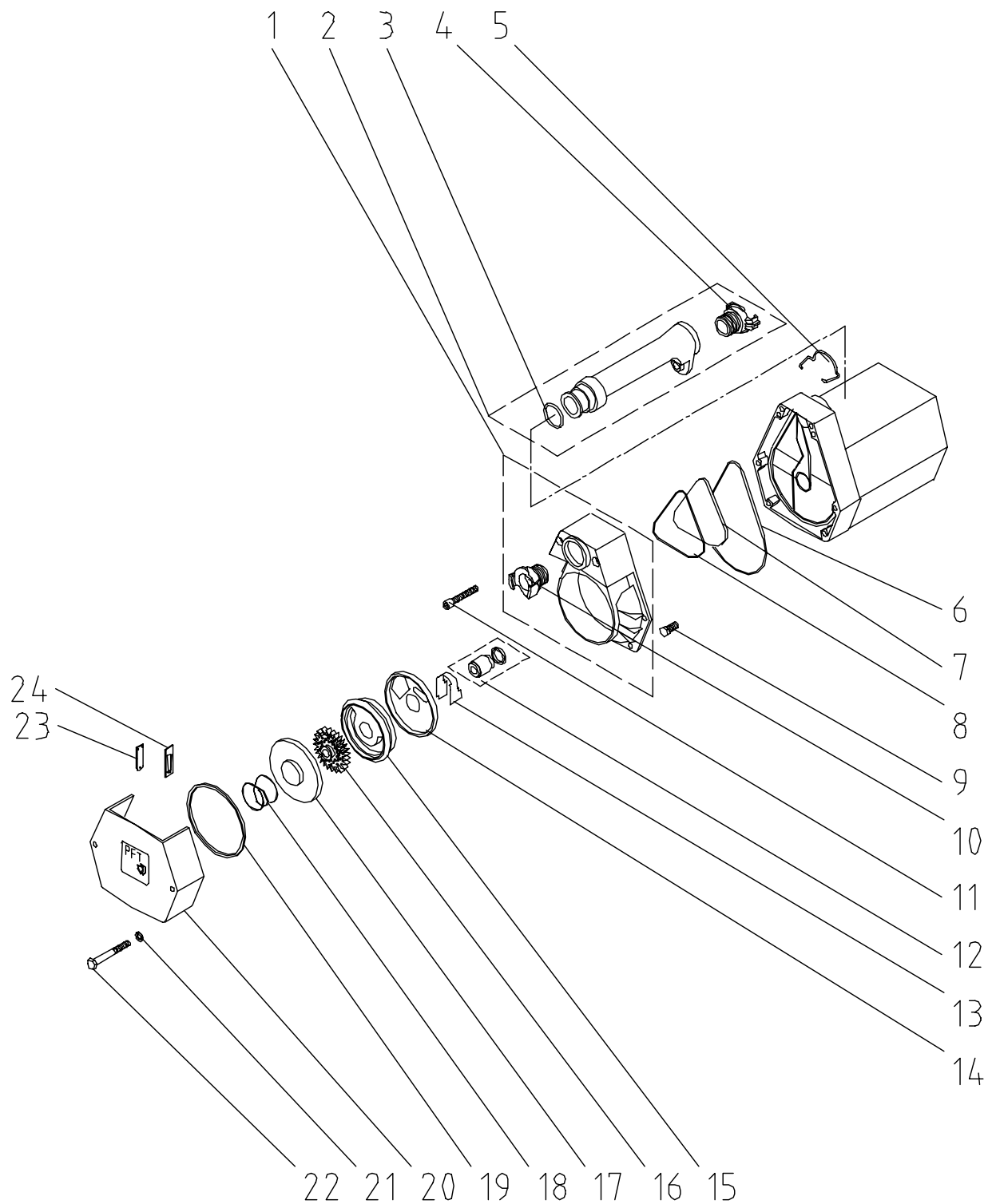


## Contents

Contents	1
Spare parts drawing for pressure booster pump AD 33	4
Spare parts list for pressure booster pump AD 33	5
Spare parts drawing for pressure booster pump AD 33	6
Spare parts list for pressure booster pump AD 33	7
Spare parts drawing for pressure booster pump AV 1 up to mach. no. 09904.1055	8
Spare parts list for pressure booster pump AV 1 up to mach. no. 09904.1055	9
Spare parts drawing for pressure booster pump AV 1 from mach. no. 09904.1055	10
Spare parts list for pressure booster pump AV 1 from mach. no. 09904.1055	11
Spare parts drawing for pressure booster pump AV 1 New	12
Spare parts list for pressure booster pump AV 1 New	13
Spare parts drawing for pressure booster pump AV 2	14
Spare parts list for pressure booster pump AV 2	15
Spare parts drawing for pressure booster pump AV 3, PK 65, 1 phase, alternating current	16
Spare parts list for pressure booster pump AV 3, PK 65, 1 phase, alternating current	17
Spare parts drawing for pressure booster pump AV 3, PK 65, 3 phases, three-phase current	18
Spare parts list for pressure booster pump AV 3, PK 65, 3 phases, three-phase current	19
Spare parts drawing for pressure booster pump AV 3, PQ60, 1 phase, alternating current	20
Spare parts list for pressure booster pump AV 3, PQ60, 1 phase, alternative current	21
Spare parts drawing for pressure booster pump AV 3, PQ60, 3 phase, three-phase current	22
Spare parts list for pressure booster pump AV 3, PQ60, 3 phase, three-phase current	23
Spare parts drawing for pressure booster pump AV 4 type DY028I	24
Spare parts list for pressure booster pump AV 4 type DY028I	25
Spare parts drawing for pressure booster pump AV 4 type DY4081	26
Spare parts list for pressure booster pump AV 4 type DY4081	27
Spare parts drawing for pressure booster pump AV 4 type RY3071	28
Spare parts list for pressure booster pump AV 4 type RY3071	29
Spare parts drawing for pressure booster pump AV 5	30
Spare parts list for pressure booster pump AV 5	31
Spare parts drawing for pressure booster pump AV 6	32
Spare parts list for pressure booster pump AV 6	33
Spare parts drawing for pressure booster pump FERRO 110T 400 V	34
Spare parts list for pressure booster pump FERRO 110T 400 V	35
Spare parts drawing for MIXER 1200 Watt	36
Spare parts list for MIXER 1200 Watt	37

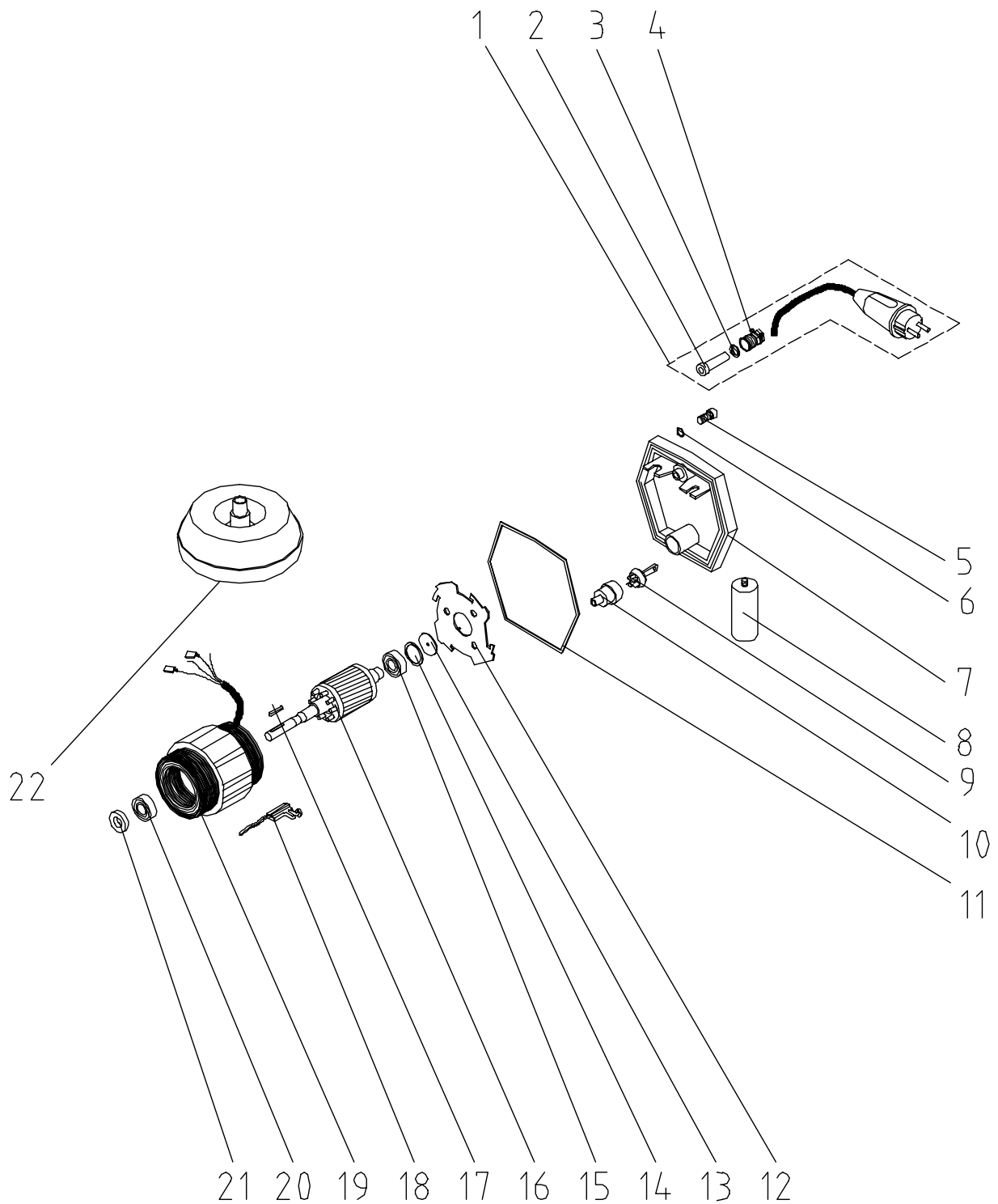
Spare parts drawing for MIXER 1200 Watt	38
Spare parts list for MIXER 1200 Watt	39
Spare parts drawing for MIXER 1600 Watt	40
Spare parts list for MIXER 1600 Watt	41
Spare parts drawing for MIXER 1600 Watt	42
Spare parts list for MIXER 1600 Watt	43
Spare parts drawing for MIXER 1800 Watt Vario	44
Spare parts list for MIXER 1800 Watt Vario	45
Spare parts drawing for MIXER 1800 Watt Vario	46
Spare parts list for MIXER 1800 Watt Vario	47
Spare parts drawing for MIXER 2000 Watt	48
Spare parts list for MIXER 2000 Watt	49
Spare parts drawing for MIXER 2000 Watt Vario	50
Spare parts list for MIXER 2000 Watt Vario	51
Spare parts drawing for angle mixer 1500 Watt	52
Spare parts list for angle mixer 1500 Watt	53
Spare parts drawing for vibrator SR 6 230 V WS	54
Spare parts list for vibrator SR 6 230 V WS	55
Spare parts drawing for vibrator SR 6 400 V DS	56
Spare parts list for vibrator SR 6 400 V DS	57
Spare parts drawing for vibrator SR 22 230 V 1 phase	58
Spare parts list for vibrator SR 22 230 V 1 phase	59
Spare parts drawing for vibrator SR 22 400 V 50 Hz	60
Spare parts list for vibrator SR 22 400 V 50 Hz	61
Spare parts drawing for floor screed levelling pin	62
Spare parts list for floor screed levelling pin	63
Spare parts drawing for Rotorboy	64
Spare parts list for Rotorboy	65
Spare parts drawing for Rotomix	66
Spare parts list for Rotomix	67
Spare parts drawing for ROTOQUIRL	68
Spare parts list for ROTOQUIRL	69



**Spare parts drawing for pressure booster pump AD 33**

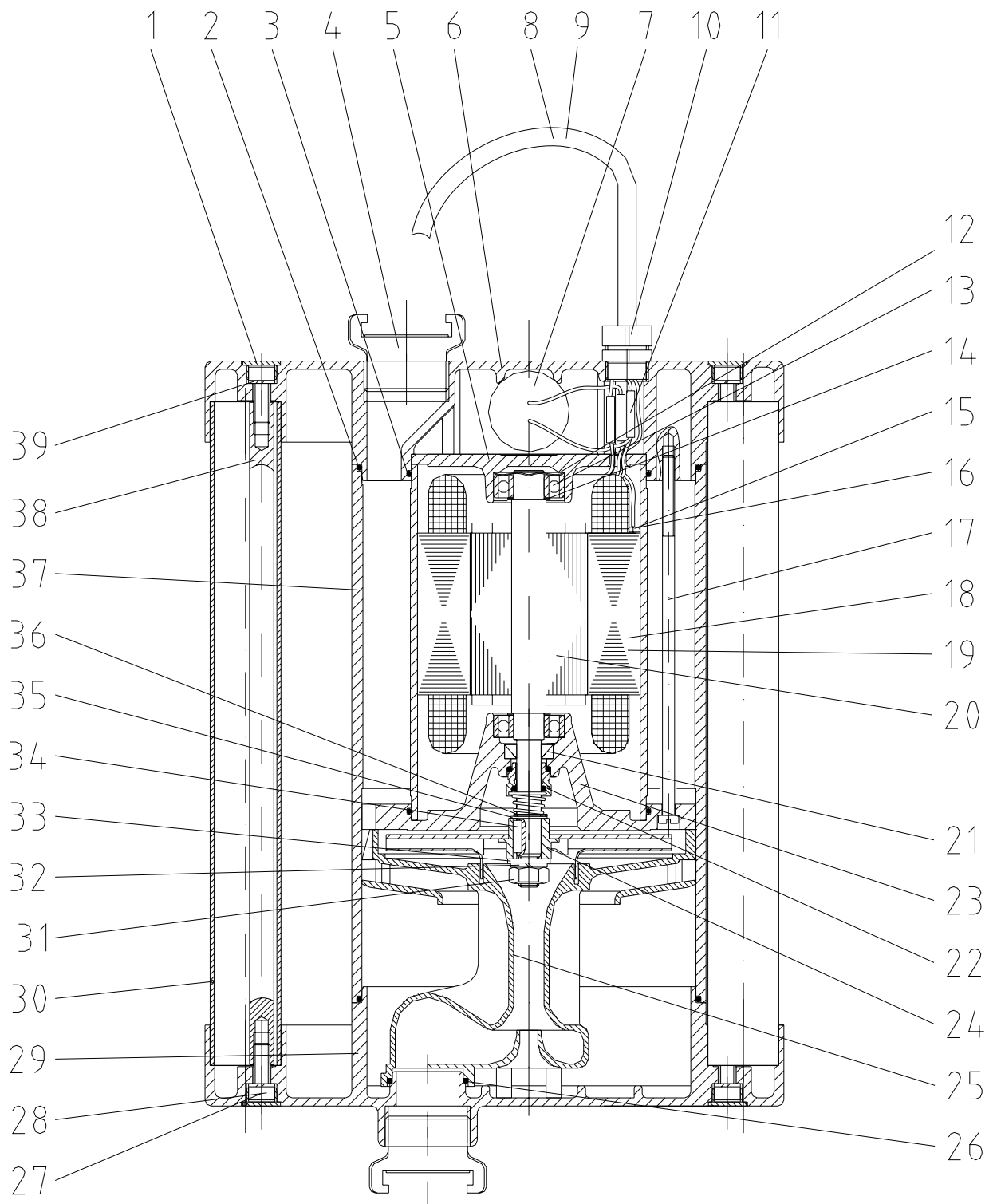
**Spare parts list for pressure booster pump AD 33**

Pos.	Qty.	Item no.	Description
1	1	20477607	Plastic flange with Geka coupling 1 1/4"
2	1	20477606	Handle with O-ring and Geka coupling 1 1/4" (AD33)
3	1	20477700	O-ring 32 x 4 DIN 3770-NBR 70
4	1	20201640	Geka coupling 1 1/4" ext. thread
5	1	20473900	Safety strap
6	1	20473700	O-ring 160 x 4 DIN 3771-NBR 70
7	1	20473800	Washer
8	1	20473600	O-ring 100 x 3 DIN 3771-NBR 70
9	1	20207810	Hex. screw M8 x 25 DIN 933 galv.
10	1	20201640	Geka coupling 1 1/4" ext. thread
11	1	20209706	Hex. socket head screw M8 x 60 DIN 912 galv.
12	1	20470500	Face seal AD33
13	1	20473500	Conductor for pressure booster pump
14	1	20477500	Gasket housing AD33
15	1	20477400	Middle housing for pressure booster pump type AD33
16	1	20477300	Impeller for pressure booster pump AD33 900 W
17	1	20473000	China cover for pressure booster pump
18	1	20472900	Spring
19	1	20477200	Gasket pressure booster pump AD33
20	1	20472800	Cover screwed (item no 49)
21	1	20209313	Washer B 8.4 DIN 125 galv.
22	2		Hex screw M8 x 75 DIN 933 zinc-pl.
23	1	20475200	Valve for pressure booster pump
24	1	20475100	Valve seat for pressure booster pump

**Spare parts drawing for pressure booster pump AD 33**

**Spare parts list for pressure booster pump AD 33**

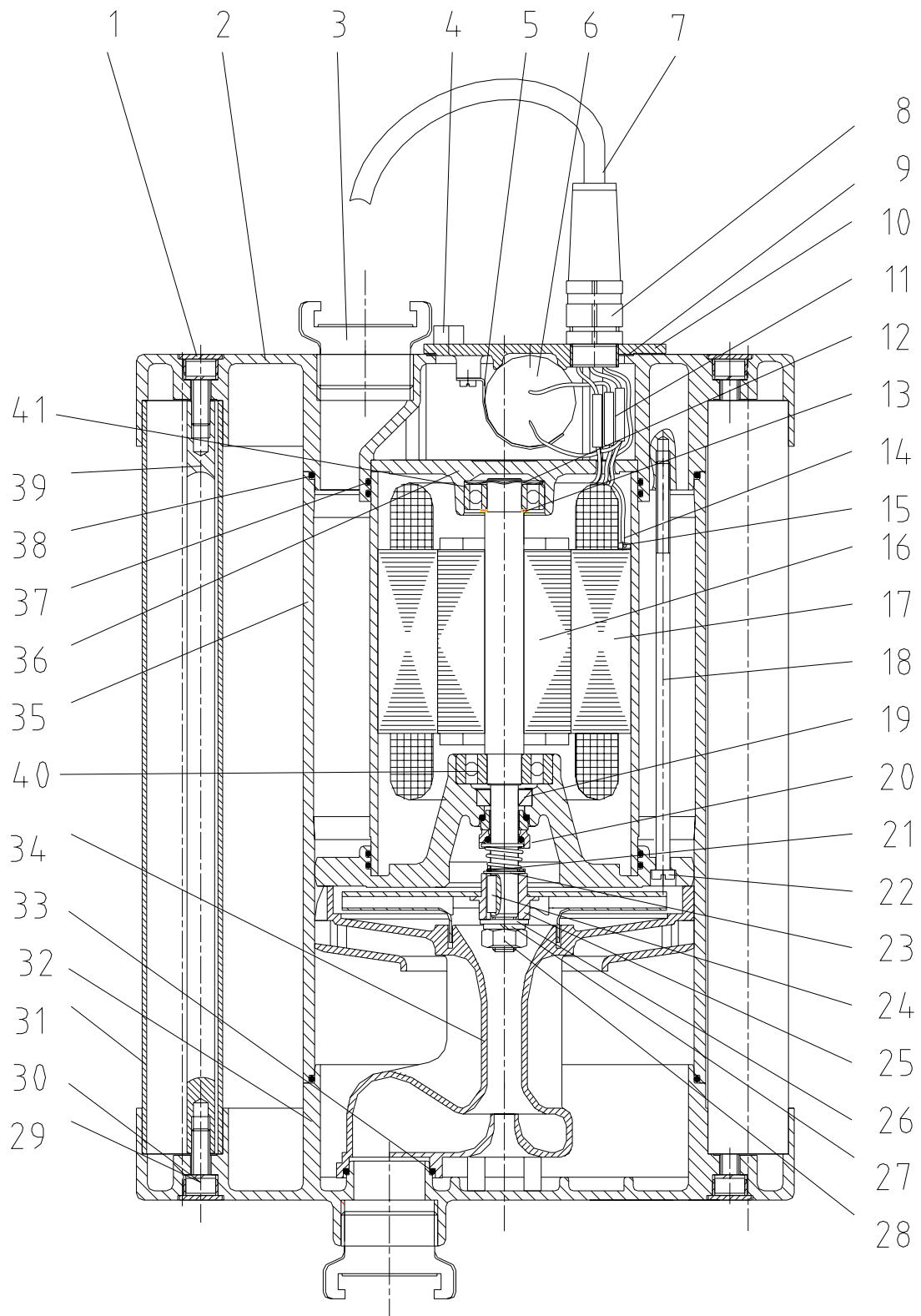
Pos.	Qty.	Item no.	Description
1	1	20472600	Motor connection cable 5 m with Schuko plug
2	1	20474000	Socket for tensile relief
3	1	20474200	O-RING
4	1	20474100	SCREW
5	1	20209705	Hex. socket head screw M10 x 20 DIN 912 galv.
6	1	20472200	Gasket
7	1	20472801	NO LONGER AVAILABLE, NO REPLACEMENT
8	1	20476700	Condenser 16 myF D=40 x 80
9	1	20472300	Terminal strip for AD33
10	1	20472400	Socket for terminal strip
11	1	20472100	Gasket D=160 x 3.5mm
12	1	20474800	Bearing plate for pressure booster pump
13	1	20477701	Washer D 33 x 4 x 1.5
14	1	20477605	Corrugated spring washer for pressure booster pump
15	1	20471500	Grooved ball bearing 6202
16	1	20476600	Rotor with shaft for pressure booster pump AD33
17	1	20477600	Key A 4 x 4 x 25 DIN 6885
18	1	20474900	Chucking device
19	1	20476500	Stator winding AD33
20	1	20471500	Grooved ball bearing 6202
21	1	20472700	Shaft seal A 15 x 30 x 7 DIN 3760-NB
22	1	20475000	No longer available, replacement 00006906
23	1	20477800	Gasket kit AD33, consisting of parts 20 47 72 00, 20 47 36 00, 20 47 37 00, 20 47 51 00, 20 47 52 00
24	1	20477801	Oil for pressure booster pump 2 litres

**Spare parts drawing for pressure booster pump AV 1 up to mach. no. 09904.1055**



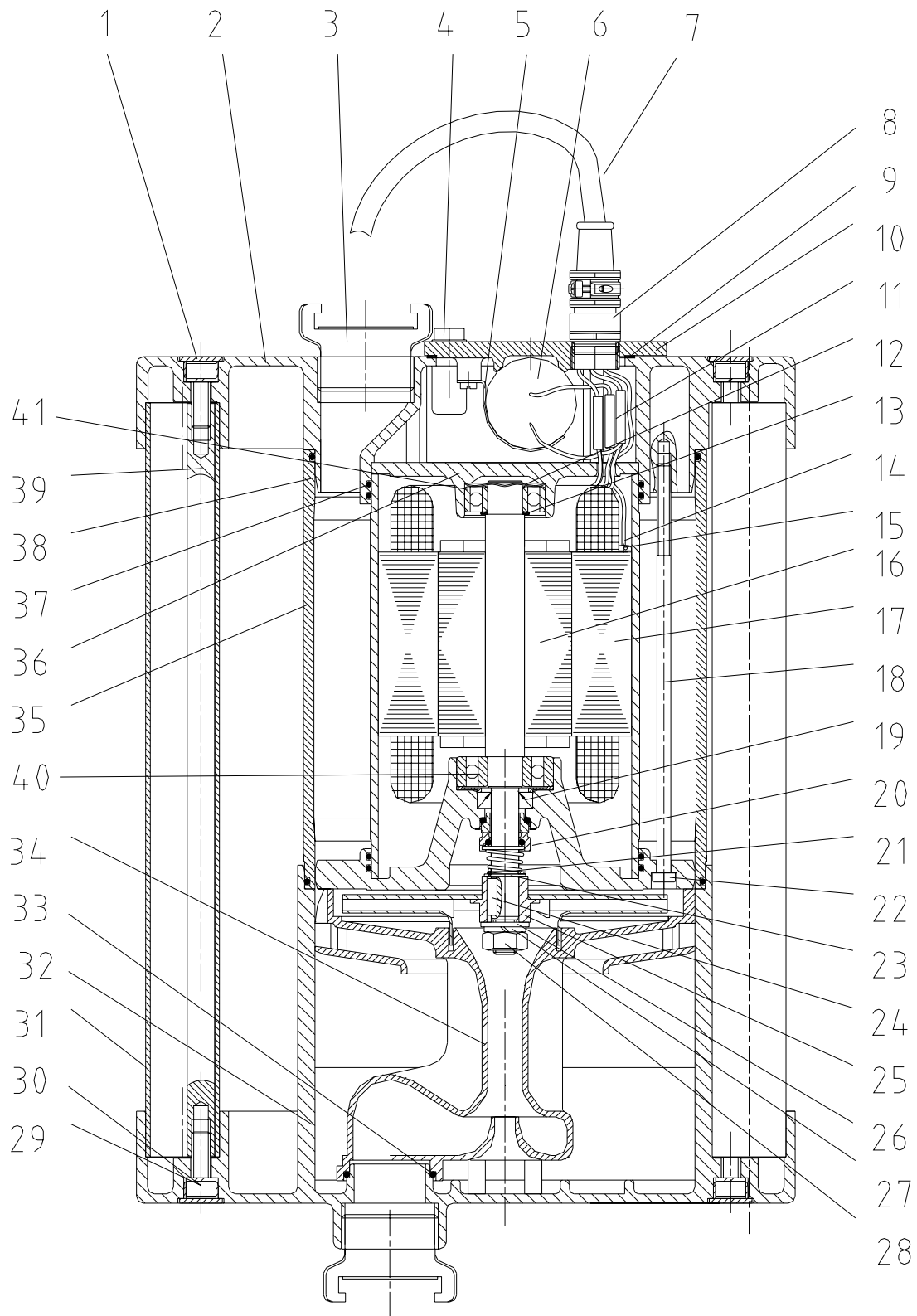
**Spare parts list for pressure booster pump AV 1 up to mach. no. 09904.1055**

Pos.	Qty.	Item no.	Description
1	10	00001277	Cap GPN 340 /sw6 PE black
2	2	00001251	O-ring 165 x 3 DIN 3771-NBR 70
3	2	00001252	O-ring 116 x 2.62 DIN 3771-NBR 70
4	2	20201640	Geka coupling 1 1/4" ext. thread
5	1	00001260	NO LONGER AVAILABLE, NO REPLACEMENT
6	1	00001246	Inner housing AV 1
7	1	00001265	Condenser 20 myF D=40 x 70
8	1	00001264	Motor connection cable 5.0 m with Schuko plug
9	1	20424121	Motor connection cable 5.0 m CEE plug 4 x 16A 6h red cable lug
10	1	00007404	Metal screw connection PG 13.5 with tensile relief
11	4	00001266	End-to-end connector D=5 x 27
12	1	00001257	Washer D 34.5 x 28 x 0.5
13	2	00001249	Grooved ball bearing 6202 2RS C3
14	2	00001256	Washer 21 x 15 x 1 DIN 988
15	1	00001280	Self-tapping Phillips screw M3.5 x 6 DIN 7500
16	1	20171744	Washer A 4.3 DIN 6798 galv.
17	4	00001267	Cheese-head screw M6 x 177 DIN 84 A2
18	1	00001262	Stator winding AV 1 230 V 50 Hz single phase
19	1	00001450	Stator winding AV 1 400 V 50 Hz 3 phases
20	1	00001261	Rotor for AV 1
21	1	00001250	Shaft seal A 12 x 24 x 7 DIN 3760-NBR
22	1	00001243	Face seal AV 1
23	1	00001259	End shield AV 1
24	1	00001248	Impeller for pressure booster pump AV 1
25	1	00001247	Diffuser AV 1
26	1	00001253	O-ring 34.59 x 2.65 DIN 3771-NBR 70
27	4	00001276	Hex. socket head screw M8 x 40 DIN 912 A4
28	6	00001275	Hex. socket head screw M8 x 20 DIN 912 A4
29	1	00001244	NO LONGER AVAILABLE, NO REPLACEMENT
30	3	00007886	Exchange pressure booster pump AV 2
31	1	00001278	Hex. nut M10 DIN 934 stainless steel
32	11	00001449	NO LONGER AVAILABLE REPLACEMENT 00035851
33	1	00001274	Washer B 10.5 DIN 125 stainless steel
34	1	00001270	Key A 4 x 4 x 16 DIN 6885
35	1	00001254	Thrust ring AV 1
36	1	00001279	Circlip D 12 x 1 DIN 471 stainless steel
37	1		Pump housing AV 1 no longer available – no replacement
38	3	00001268	Connecting screw for AV 1 D=12 x 327.5
39	10	00007898	Spring washer 8 DIN 7980 stainless steel

**Spare parts drawing for pressure booster pump AV 1 from mach. no. 09904.1055**

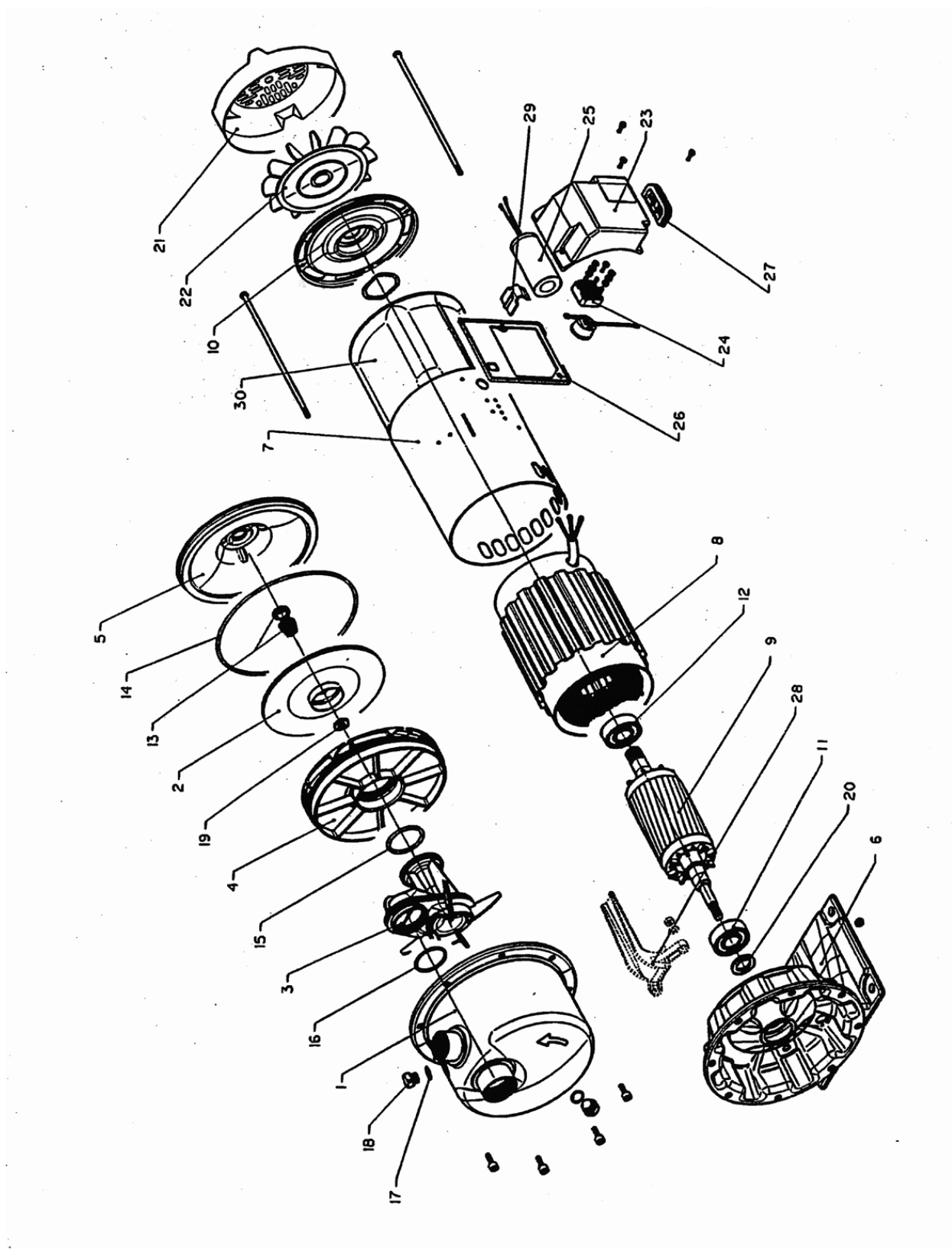
**Spare parts list for pressure booster pump AV 1 from mach. no. 09904.1055**

Pos.	Qty.	Item no.	Description
1	1	00001277	Cap GPN 340 /sw6 PE black
2	1	00020370	Discharge housing AV 1 from mach. no. 09904.1055
3	1	20201640	Geka coupling 1 1/4" ext. thread
4	1	20209710	Hex. socket head screw M8 x 16 DIN 912 galv.
5	1	00020373	Holder for condenser AV 1 from mach. no. 09904.1055
6	1	00001265	Condenser 20 myF D=40 x 70
7	1	00001264	Motor connection cable 5.0 m with Schuko plug
8	1	00007404	Metal screw connection PG 13.5 with tensile relief
9	1	00020372	Seal for discharge housing cover AV 1 from mach. no. 09904.1055
10	1	00020371	Cover for discharge housing AV 1 from mach. no. 09904.1055
11	1	00001266	End-to-end connector D=5 x 27
12	1	00001256	Washer 21 x 15 x 1 DIN 988
13	1	00001257	Washer D 34.5 x 28 x 0.5
14	1	00001255	Toothed lock washer D 4.7 DIN 6797
15	1	00001280	Self-tapping Phillips screw M3.5 x 6 DIN 7500
16	1	00001261	Rotor for AV 1
17	1	00001262	Stator winding AV 1 230 V 50 Hz single phase
	1	00001450	Stator winding AV 1 400 V 50 Hz 3 phases
18	1	00001267	Cheese-head screw M6 x 177 DIN 84 A2
19	1	00001250	Shaft seal A 12 x 24 x 7 DIN 3760-NBR
20	1	00001243	Face seal AV 1
21	1	00001279	Circlip D 12 x 1 DIN 471 stainless steel
22	1	00001269	Hex. socket head screw M6 x 16 DIN 6912 galv.
23	1	00001254	Thrust ring AV 1
24	1	00001270	Key A 4 x 4 x 16 DIN 6885
25	1	00001248	Impeller for pressure booster pump AV 1
26	1	00001274	Washer B 10.5 DIN 125 stainless steel
27	1	00001449	NO LONGER AVAILABLE REPLACEMENT 00035851
28	1	00001278	Hex. nut M10 DIN 934 stainless steel
29	6	00001275	Hex. socket head screw M8 x 20 DIN 912 A4
30	4	00001276	Hex. socket head screw M8 x 40 DIN 912 A4
31	1	00001258	Tube D 35 x 2 x 325
32	1	00001244	NO LONGER AVAILABLE, NO REPLACEMENT
33	1	00001253	O-ring 34.59 x 2.65 DIN 3771-NBR 70
34	1	00001247	Diffuser AV 1
35	1		Pump housing AV 1 no longer available – no replacement
36	1	00001260	NO LONGER AVAILABLE, NO REPLACEMENT
37	1	00001252	O-ring 116 x 2.62 DIN 3771-NBR 70
38	1	00001251	O-ring 165 x 3 DIN 3771-NBR 70
39	1	00001268	Connecting screw for AV 1 D=12 x 327.5
40	1	00039652	Grooved ball bearing 6302 2RS C3
41	1	00001249	Grooved ball bearing 6202 2RS C3

**Spare parts drawing for pressure booster pump AV 1 New**

**Spare parts list for pressure booster pump AV 1 New**

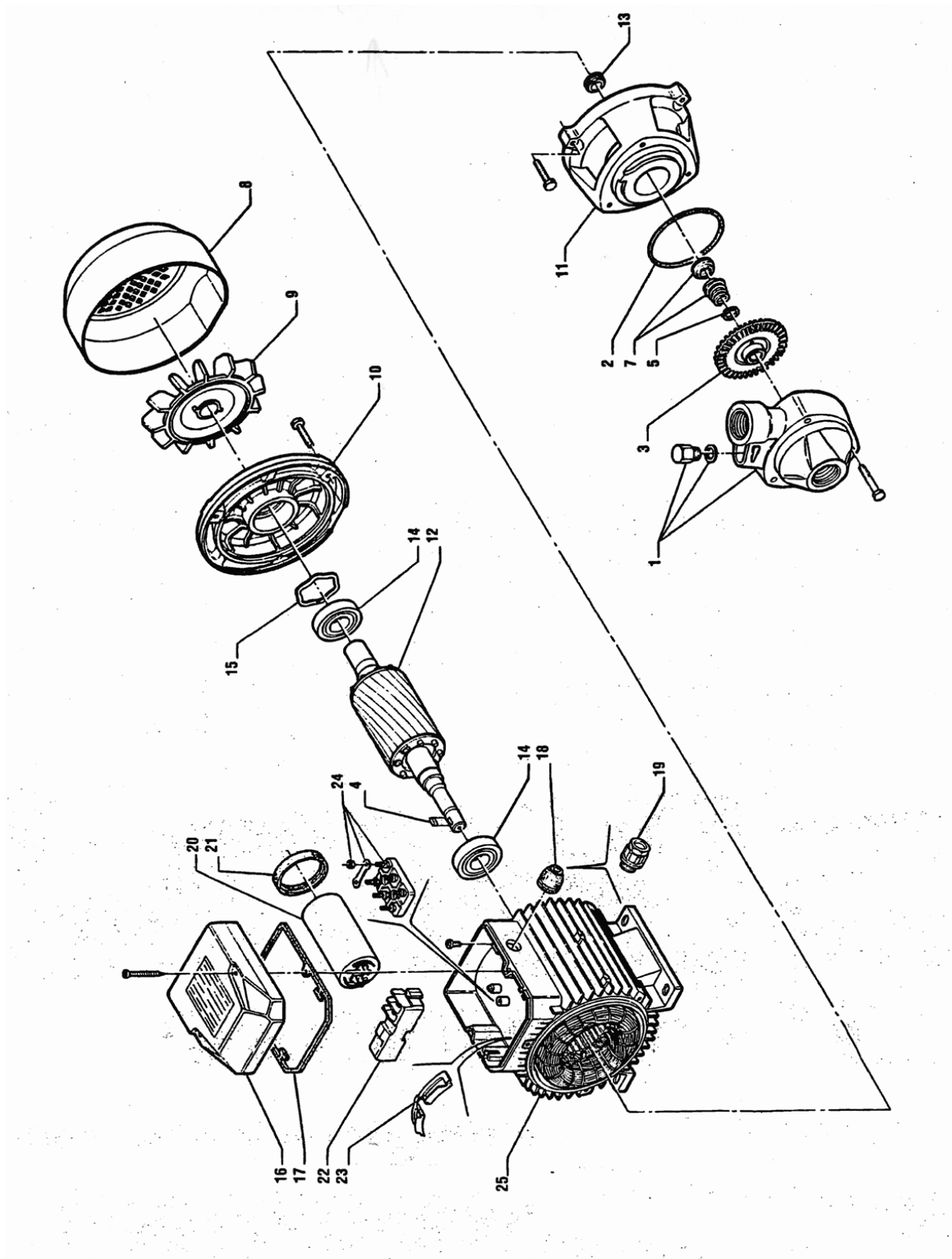
Pos.	Qty.	Item no.	Description
1	1	00001277	Cap GPN 340 /sw6 PE black
2	1	00020370	Discharge housing AV 1 from mach. no. 09904.1055
3	1	20201640	Geka coupling 1 1/4" ext. thread
4	1	20209710	Hex. socket head screw M8 x 16 DIN 912 galv.
5	1	00020373	Holder for condenser AV 1 from mach. no. 09904.1055
6	1	00001265	Condenser 20 myF D=40 x 70
7	1	00001264	Motor connection cable 5.0 m with Schuko plug
8	1	00007404	Metal screw connection PG 13.5 with tensile relief
9	1	00020372	Seal for discharge housing cover AV 1 from mach. no. 09904.1055
10	1	00020371	Cover for discharge housing AV 1 from mach. no. 09904.1055
11	1	00001266	End-to-end connector D=5 x 27
12	1	00001256	Washer 21 x 15 x 1 DIN 988
13	1	00001257	Washer D 34.5 x 28 x 0.5
14	1	00001255	Toothed lock washer D 4.7 DIN 6797
15	1	00001280	Self-tapping Phillips screw M3.5 x 6 DIN 7500
16	1	00001261	Rotor for AV 1
17	1	00001262	Stator winding AV 1 230V 50 Hz single phase
	1	00001450	Stator winding AV 1 400V 50 Hz 3 phases
18	1	00001267	Cheese-head screw M6 x 177 DIN 84 A2
19	1	00001250	Shaft seal A 12 x 24 x 7 DIN 3760-NBR
20	1	00001243	Face seal AV 1
21	1	00001279	Circlip D 12 x 1 DIN 471 stainless steel
22	1	00001269	Hex. socket head screw M6 x 16 DIN 6912 galv.
23	1	00001254	Thrust ring AV 1
24	1	00001270	Key A 4 x 4 x 16 DIN 6885
25	1	00001248	Impeller for pressure booster pump AV 1
26	1	00001274	Washer B 10.5 DIN 125 stainless steel
27	1	00001449	NO LONGER AVAILABLE REPLACEMENT 00035851
28	1	00001278	Hex. nut M10 DIN 934 stainless steel
29	6	00001275	Hex. socket head screw M8 x 20 DIN 912 A4
30	4	00001276	Hex. socket head screw M8 x 40 DIN 912 A4
31	1	00001258	Tube D 35 x 2 x 325
32	1	00037790	Suction housing AV1 new
33	1	00001253	O-ring 34.59 x 2.65 DIN 3771-NBR 70
34	1	00001247	Diffuser AV 1
35	1	00037789	Pump housing AV1 new
36	1	00001260	NO LONGER AVAILABLE, NO REPLACEMENT
37	1	00001252	O-ring 116 x 2.62 DIN 3771-NBR 70
38	1	00001251	O-ring 165 x 3 DIN 3771-NBR 70
39	1	00001268	Connecting screw for AV 1 D=12 x 327.5
40	1	20139609	Grooved ball bearing 6302
41	1	20471500	Grooved ball bearing 6202

**Spare parts drawing for pressure booster pump AV 2**

**Spare parts list for pressure booster pump AV 2**

Pos.	Qty.	Item no.	Description
1	1		Pump housing
2	1	00001647	Impeller for pressure booster pump AV 2
3	1		Injector
4	1	00041623	Diffuser AV2
5	1		Seal housing cover
6	1		Base, lantern and bearing shield, A-side
7	1		Motor housing cover
8	1		Motor housing with stator
9	1		Shaft with rotor and bearing
10	1		Bearing shield, fan side
11	1	00002314	Grooved ball bearing 6202 2Z C3
12	1	00002314	Grooved ball bearing 6202 2Z C3
13	1	00001646	Face seal AV 2
14	1	00002317	O-ring 171.05 x 3.53 DIN 3771-NBR 70
15	1	00002315	O-ring 40.86 x 3.53 DIN 3771-NBR 70
16	1	00002316	O-ring 36.14 x 2.62 DIN 3771-NBR 70
17	1	00002318	O-ring 12.42 x 1.78 DIN 3771-NBR 70
18	1		Filler and drainage plug
19	1		Impeller locknut
20	1		Ring
21	1		Fan cover
22	1		Fan
23	1	00001923	Cover for motor connection box AV 2
24	1		Terminal board
25	1	00060395	Condenser 16 MF D=40 x 70 for high pressure pump AV2
26	1		Terminal box seal
27	1		Cable entry point (rubber)
28	1		Handle (on request)
29	1		Condenser holder
	1	00002249	Switch for AV 2
	1	00001264	Motor connection cable 5.0 m with Schuko plug

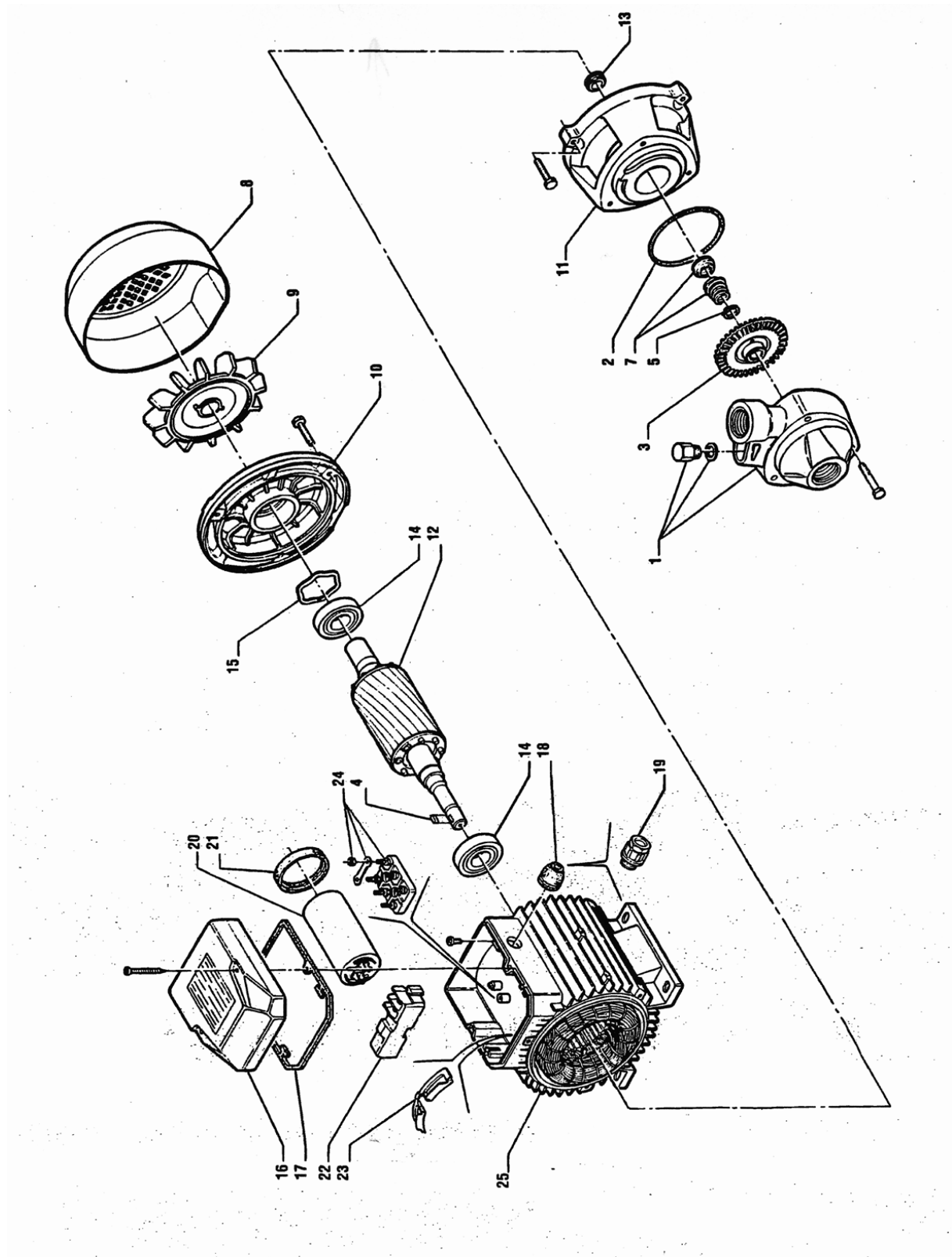
**Spare parts drawing for pressure booster pump AV 3, PK 65, 1 phase, alternating current**





**Spare parts list for pressure booster pump AV 3, PK 65, 1 phase, alternating current**

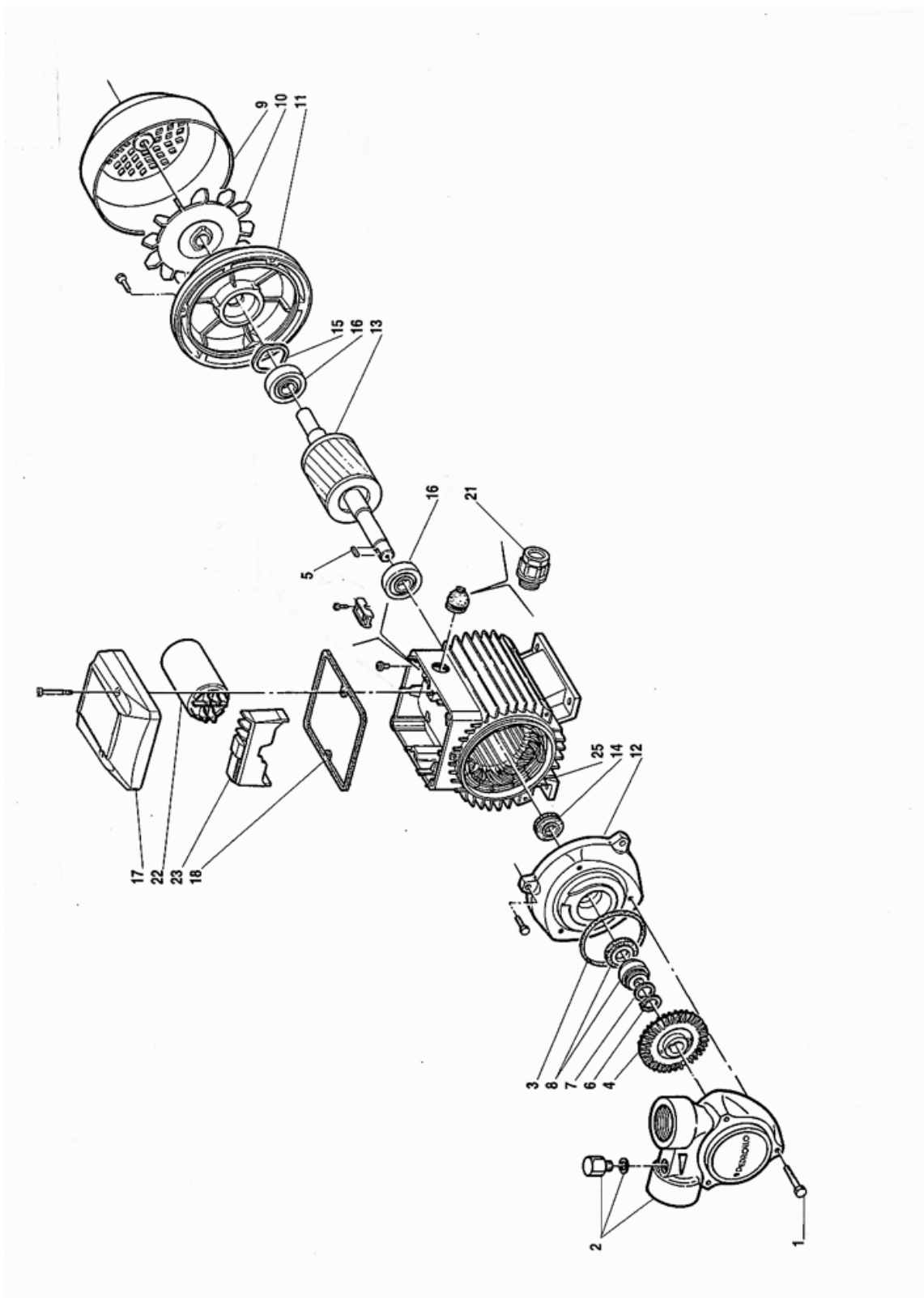
Pos.	Qty.	Item no.	Description
1	1	00037441	Pump body AV3 850 CL PK65
2	1	00037440	O-ring 65 x 2, DIN 3770-NBR 70
3	1	00037444	Impeller AV3 860 GR PK65
4	1	20470006	Key A 4 x 4 x 10 DIN 6885
5	1	00001279	Circlip D 12 x 1 DIN 471 stainless steel
6	1		Washer
7	1	20470008	Face seal AV 3
8	1	20470001	Fan guard for AV 3
9	1	20470002	Fan for AV 3
10	1	20470009	Bearing plate for AV 3 rear
11	1	00037445	Bearing cover AV3 front SC 065 CN PK65
12	1	00037446	Rotor AV3 RFP 061 M04 PK65 1 phase
13	1	20470012	Splash ring for AV 3
14	1	20480215	Grooved ball bearing 6201 2 RS
15	1		Compensation spring
16	1	20470013	Cover for motor connection box AV 3
17	1	20470014	Gasket motor connection box AV 3
19	1		Cable pusher
20	1	00037799	Condenser 14 MF D=36 x 68 PK65 plug-in contacts
21	1		Rubber ring
22	1		Single-phase terminal board
23	1		Cable guard
25	1	00037447	NO LONGER AVAILABLE, NO REPLACEMENT

**Spare parts drawing for pressure booster pump AV 3, PK 65, 3 phases, three-phase current**

**Spare parts list for pressure booster pump AV 3, PK 65, 3 phases, three-phase current**

Pos.	Qty.	Item no.	Description
1	1	00037441	Pump body AV3 850 CL PK65
2	1	00037440	O-ring 65 x 2, DIN 3770-NBR 70
3	1	00037444	Impeller AV3 860 GR PK65
4	1	20470006	Key A 4 x 4 x 10 DIN 6885
5	1	00001279	Circlip D 12 x 1 DIN 471 stainless steel
6	1		Washer
7	1	20470008	Face seal AV 3
8	1	20470001	Fan guard for AV 3
9	1	20470002	Fan for AV 3
10	1	20470009	Bearing plate for AV 3 rear
11	1	00037445	Bearing cover AV3 front SC 065 CN PK65
12	1	00037443	Rotor AV3 PTPP 061 C15 PK65 3 phases
13	1	20470012	Splash ring for AV 3
14	1		Ball bearing
15	1		Compensation spring
16	1	20470013	Cover for motor connection box AV 3
17	1	20470014	Gasket motor connection box AV 3
19	1		Cable pusher
23	1		Cable guard
24	1	20470015	Terminal strip for AV 3 3 phases PQ60/PK65
25	1	00037442	Stator package AV3 PK65 3 ph. CA 061 CPOA 400 V three-phase current

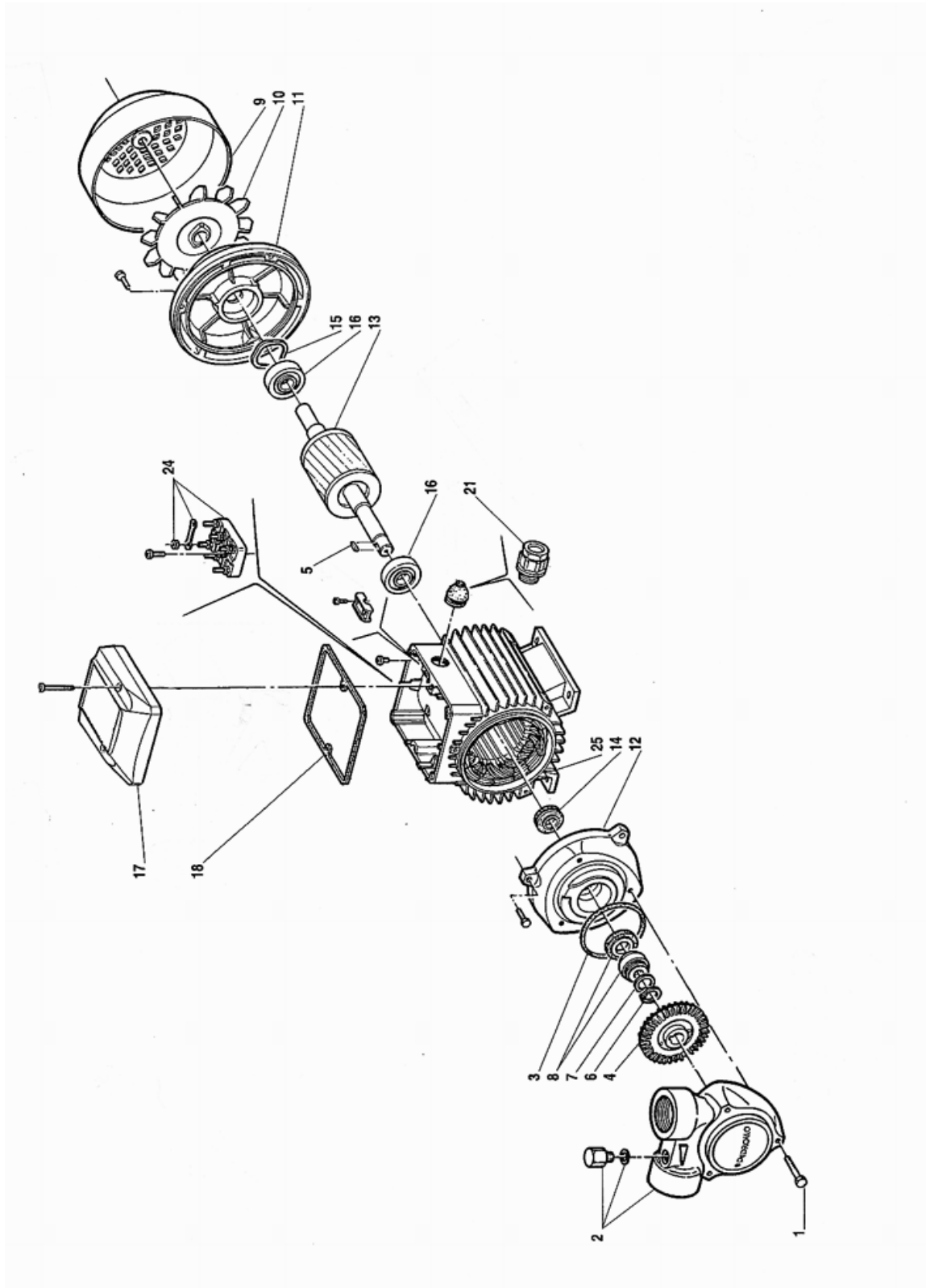
**Spare parts drawing for pressure booster pump AV 3, PQ60, 1 phase, alternating current**



**Spare parts list for pressure booster pump AV 3, PQ60, 1 phase, alternative current**

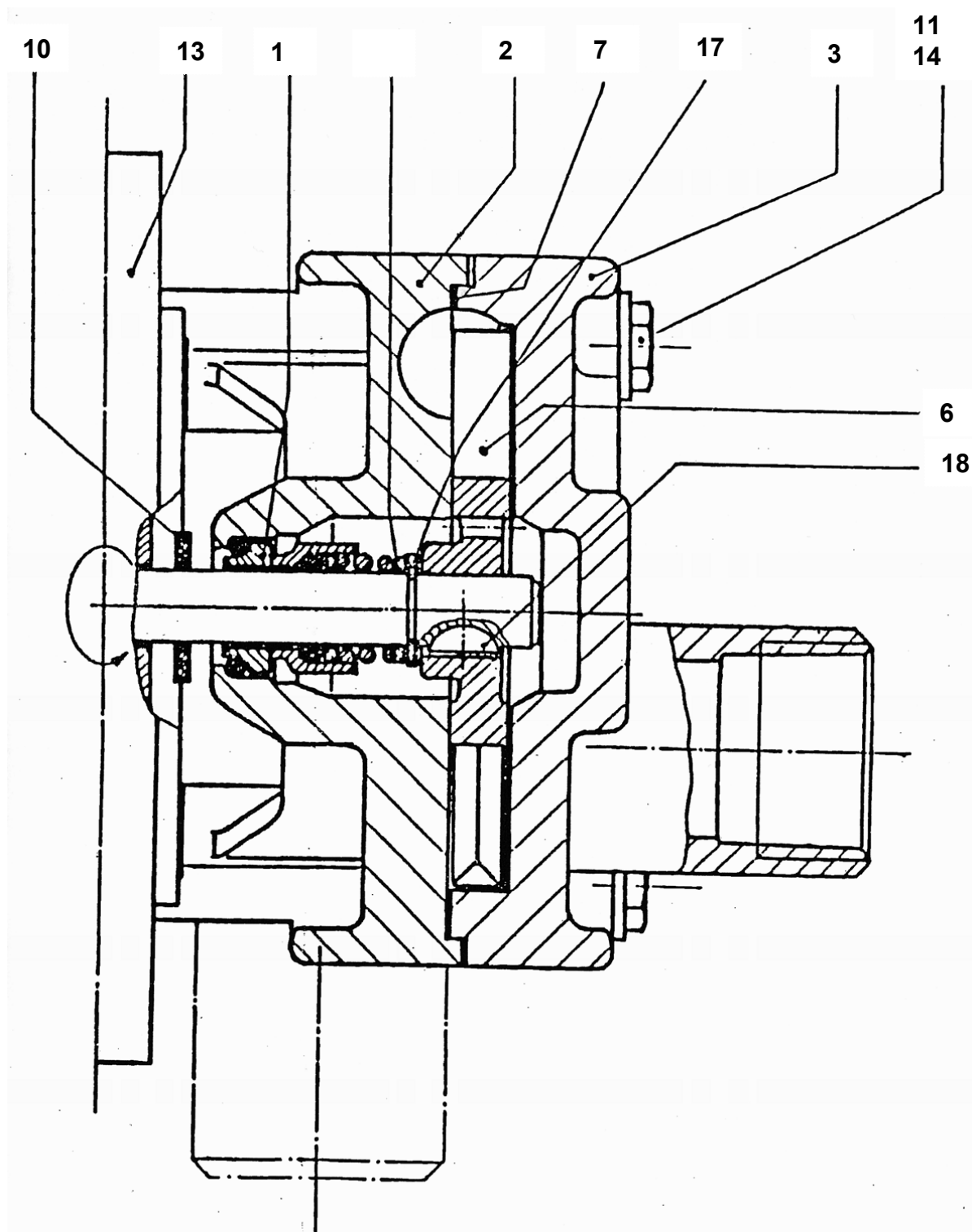
Pos.	Qty.	Item no.	Description
1	3		Hex. screw M5 x 40 DIN 931
2	1	20470003	Pump body for AV 3
3	1	20470004	O-ring 60 x 2 DIN 3770-NBR 70
4	1	20470005	Impeller for pressure booster pump AV 3
5	1	20470006	Key A 4 x 4 x 10 DIN 6885
6	1	00001279	Circlip D 12 x 1 DIN 471 stainless steel
7	1		Washer
8	2	20470008	Face seal AV 3
9	1	20470001	Fan guard for AV 3
10	1	20470002	Fan for AV 3
11	1	20470009	Bearing plate for AV 3 rear
12	1	20470010	Bearing plate for AV 3 front
13	1		Rotor AV3 RFP 061 A04 PK60 1 phase
14	1	20470012	Splash ring for AV 3
15	1		Compensation spring
16	1	20480215	Grooved ball bearing 6201 2 RS
17	1	20470013	Cover for motor connection box AV 3
18	1	20470014	Gasket motor connection box AV 3
21	1	20430500	Connector skintop PG 11
22	1	00037798	Condenser 10 MF D=30 x 70 PK60 plug-in contacts
23	1	00037448	Terminal board 1 phase AV3 PQ60/PK60
25	1	00037801	Stator package AV3 PQ60 1 PH. CA 061 APOA1

**Spare parts drawing for pressure booster pump AV 3, PQ60, 3 phase, three-phase current**



**Spare parts list for pressure booster pump AV 3, PQ60, 3 phase, three-phase current**

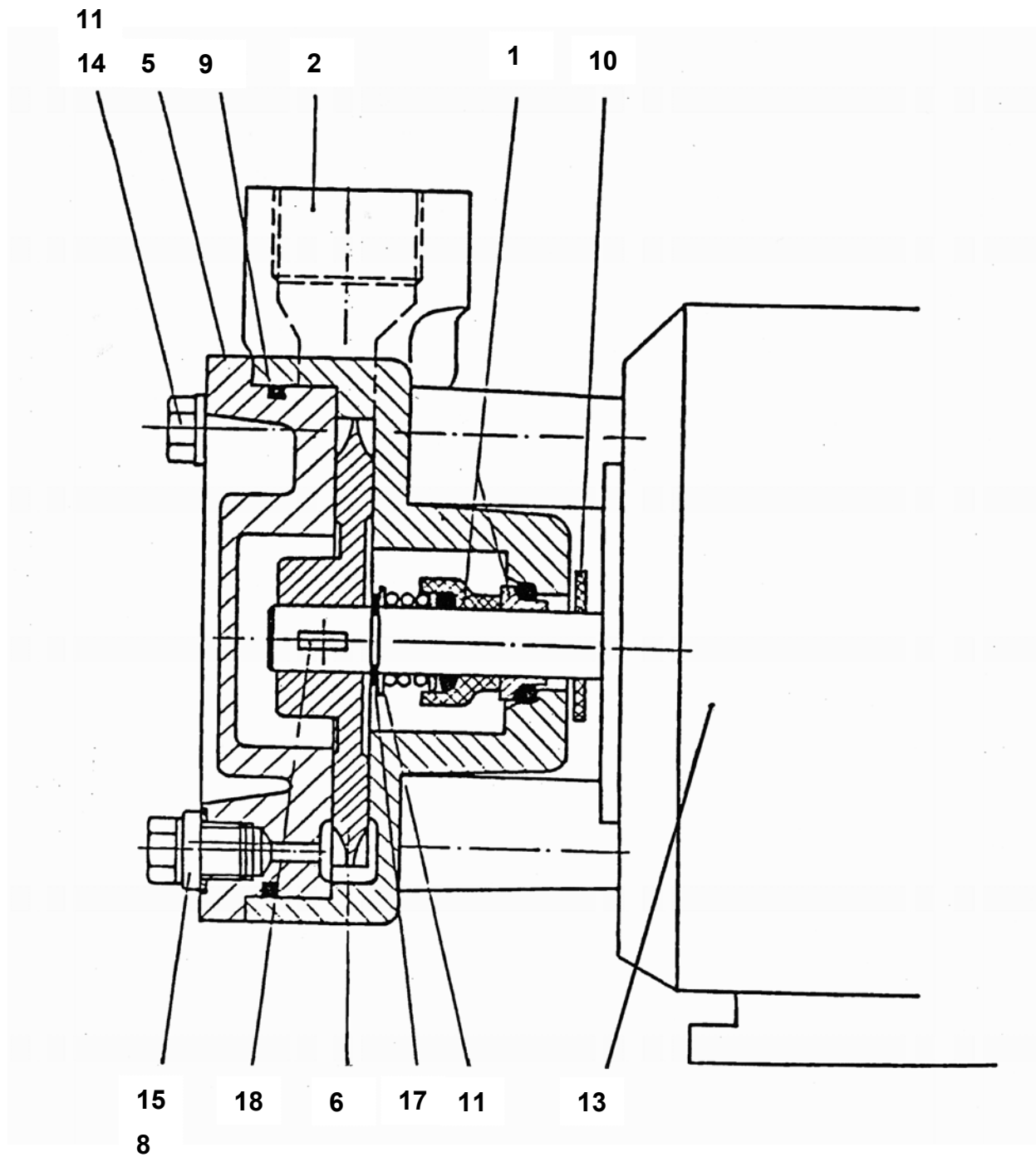
Pos.	Qty.	Item no.	Description
1	3		Hex. screw M5 x 40 DIN 931
2	1	20470003	Pump body for AV 3
3	1	20470004	O-ring 60 x 2 DIN 3770-NBR 70
4	1	20470005	Impeller for pressure booster pump AV 3
5	1	20470006	Key A 4 x 4 x 10 DIN 6885
6	1	00001279	Circlip D 12 x 1 DIN 471 stainless steel
7	1		Washer
8	2	20470008	Face seal AV 3
9	1	20470001	Fan guard for AV 3
10	1	20470002	Fan for AV 3
11	1	20470009	Bearing plate for AV 3 rear
12	1	20470010	Bearing plate for AV 3 front
13	1	00037443	Rotor AV3 PTPP 061 C15 PK65 3 phases
14	1	20470012	Splash ring for AV 3
16	1	20480215	Grooved ball bearing 6201 2 RS
15	1		Compensation spring
17	1	20470013	Cover for motor connection box AV 3
18	1	20470014	Gasket motor connection box AV 3
21	1	20430500	Connector skintop PG 11
24	1	20470015	Terminal strip for AV 3 3 phases PQ60/PK65
25	1	20470016	Stator winding with housing AV 3

**Spare parts drawing for pressure booster pump AV 4 type DY028I**



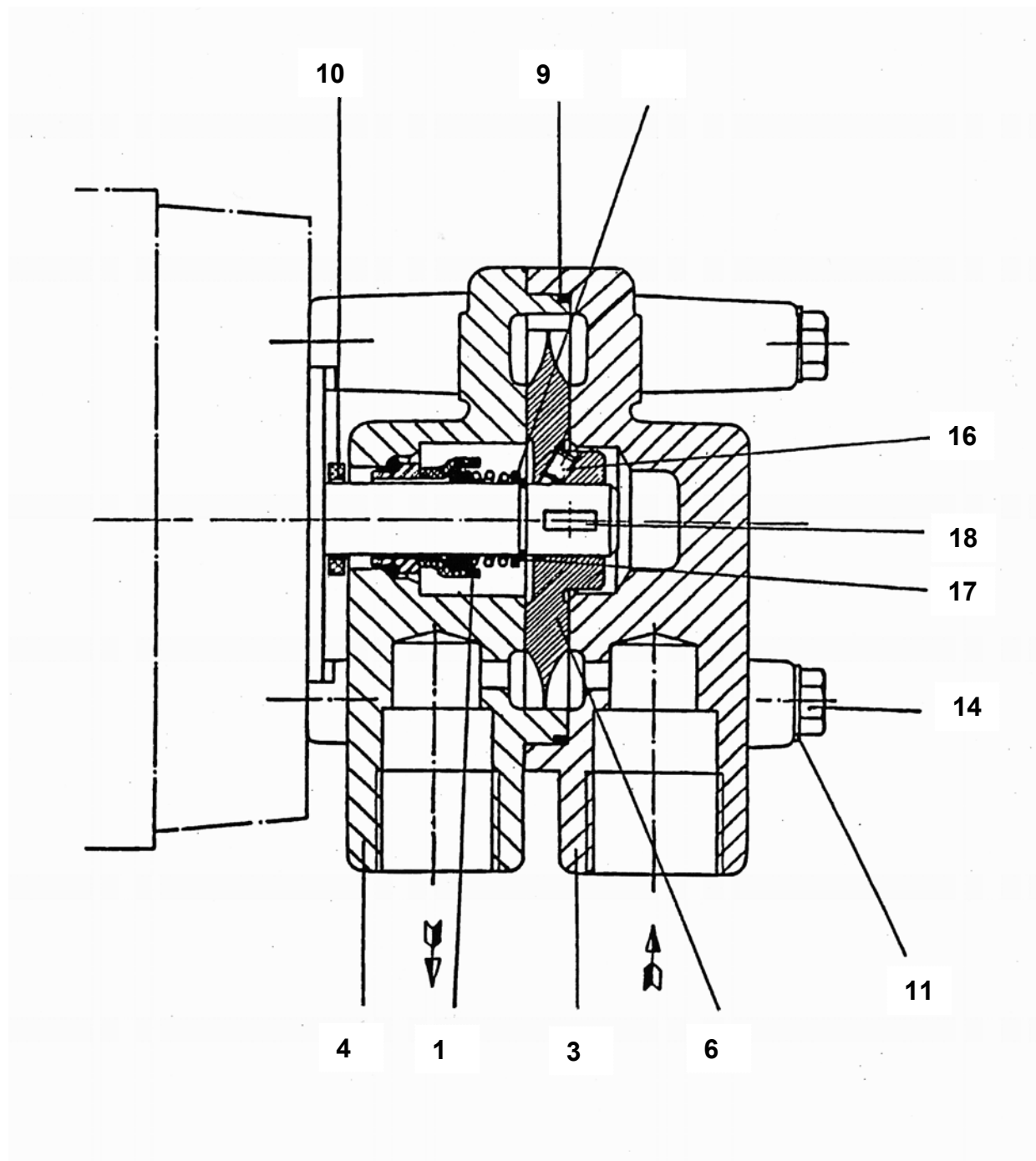
**Spare parts list for pressure booster pump AV 4 type DY028I**

Pos.	Qty.	Item no.	Description
1	1	20477901	Face seal D=10 for AV 4 type DY
2	1		Housing
3	1		Suction housing
4	1		Pressure housing
5	1		Housing cover
6	1	20476102	Impeller for pressure booster pump AV 2 type DY
7	1	20476100	Gasket for AV 4 type DY
8	1		Sealing ring
9	1		O-ring
10	1	20476107	Splash ring for AV 4, type DY
11	1		Washer M6 DIN 125
12	1		Spring guiding disc
13	1		Motor
14	1		Hex screw M6 x 90 DIN 931
15	1		Screw plug
16	1		Threaded pin
17	1		Circlip
18	1	20476104	Woodruff key for AV 4 type CY, DY, RY
19	1		Type plate

**Spare parts drawing for pressure booster pump AV 4 type DY4081**

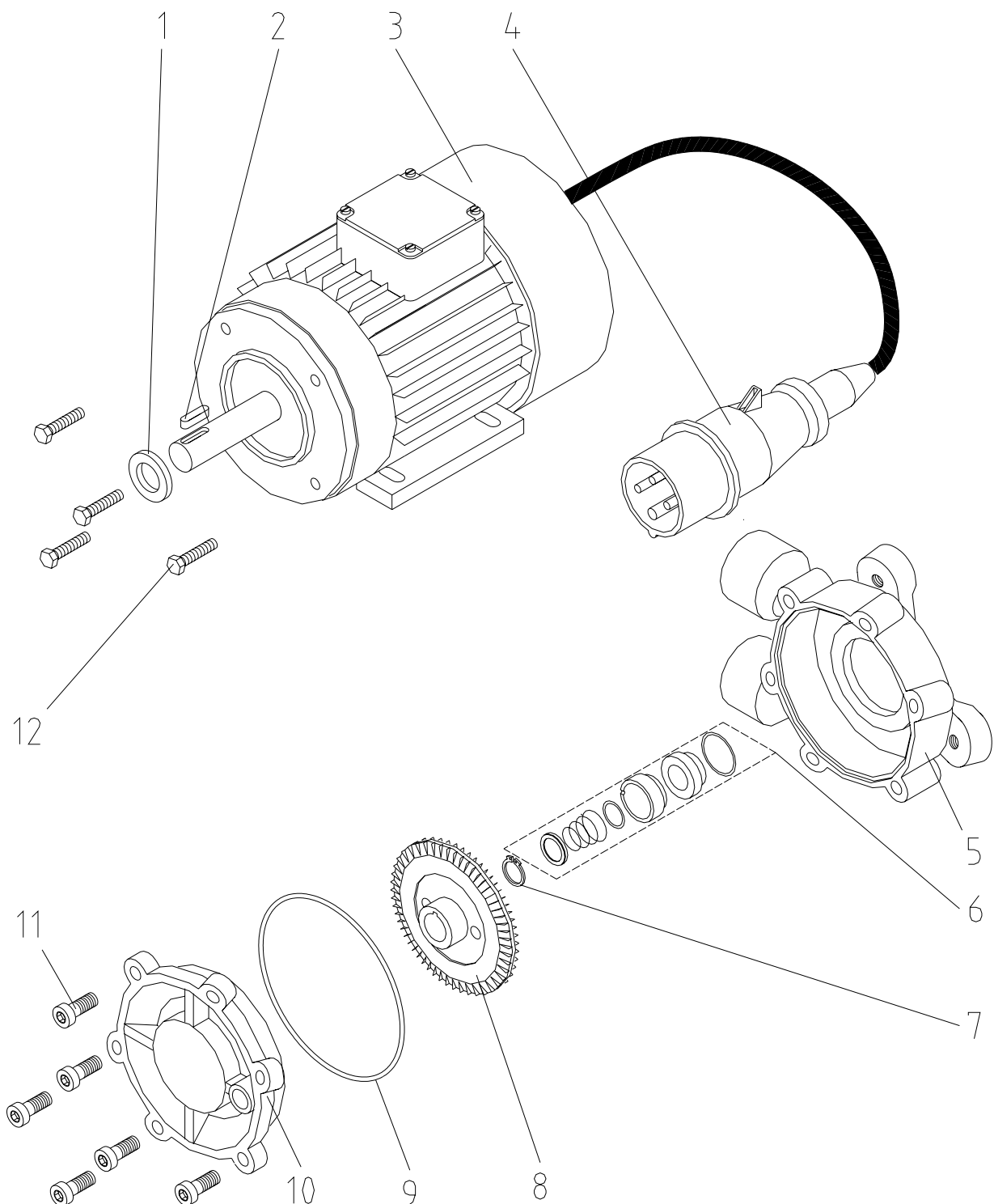
**Spare parts list for pressure booster pump AV 4 type DY4081**

Pos.	Qty.	Item no.	Description
1	1	20477900	Face seal D=12 for AV 4 type CY, RY
2	1		Housing
3	1		Suction housing
4	1		Pressure housing
5	1		Housing cover
6	1	20476105	Impeller for pressure booster pump AV 2 type CY
7	1		Stage seal
8	1	20476103	Sealing ring pressure booster pump AV 4 type CY
9	1	20476101	O-ring 86 x 2.5 DIN 3770-NBR 70
10	1	20476106	Splash ring for AV 4, type CY, RY
11	1		Washer M6 DIN 125
12	1	20476108	Spring guiding disc AV 4 type CY, RY
13	1		Motor
14	1		Hex screw M6 x 90 DIN 931
15	1		Screw plug
16	1		Threaded pin
17	1	20476109	Circlip D 12 x 1 DIN 471
18	1	20476104	Woodruff key for AV 4 type CY, DY, RY
19	1		Type plate

**Spare parts drawing for pressure booster pump AV 4 type RY3071**

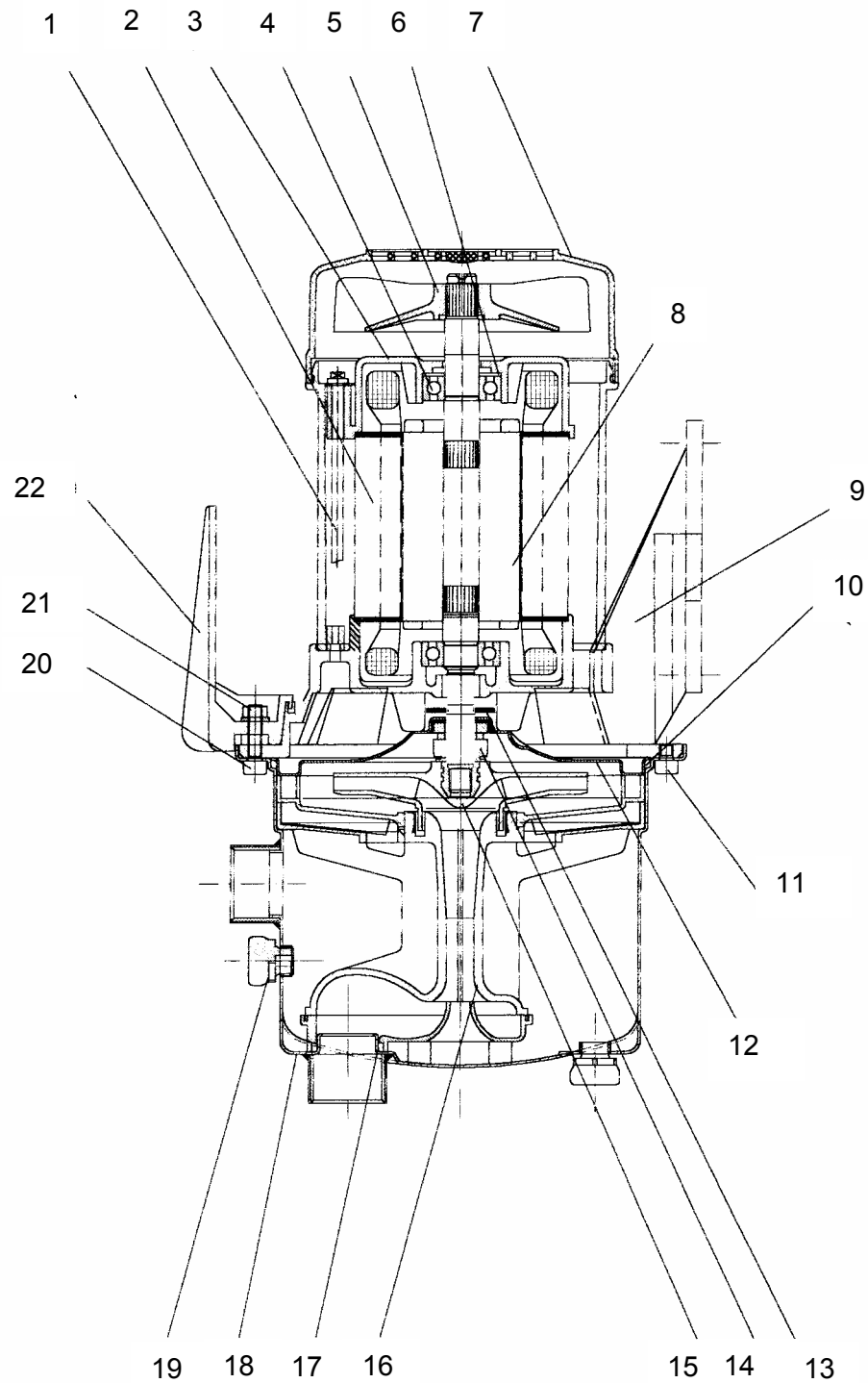
**Spare parts list for pressure booster pump AV 4 type RY3071**

Pos.	Qty.	Item no.	Description
1	1	20477900	Face seal D=12 for AV 4 type CY, RY
2	1		Housing
3	1		Suction housing
4	1		Pressure housing
5	1		Housing cover
6	1		Impeller
7	1		Stage seal
8	1		Sealing ring
9	1		O-ring
10	1	20476106	Splash ring for AV 4, type CY, RY
11	1		Washer M6 DIN 125
12	1	20476108	Spring guiding disc AV 4 type CY, RY
13	1		Motor
14	1		Hex screw M6 x 90 DIN 931
15	1		Screw plug
16	1		Threaded pin
17	1	20476109	Circlip D 12 x 1 DIN 471
18	1	20476104	Woodruff key for AV 4 type CY, DY, RY
19	1		Type plate

**Spare parts drawing for pressure booster pump AV 5**

**Spare parts list for pressure booster pump AV 5**

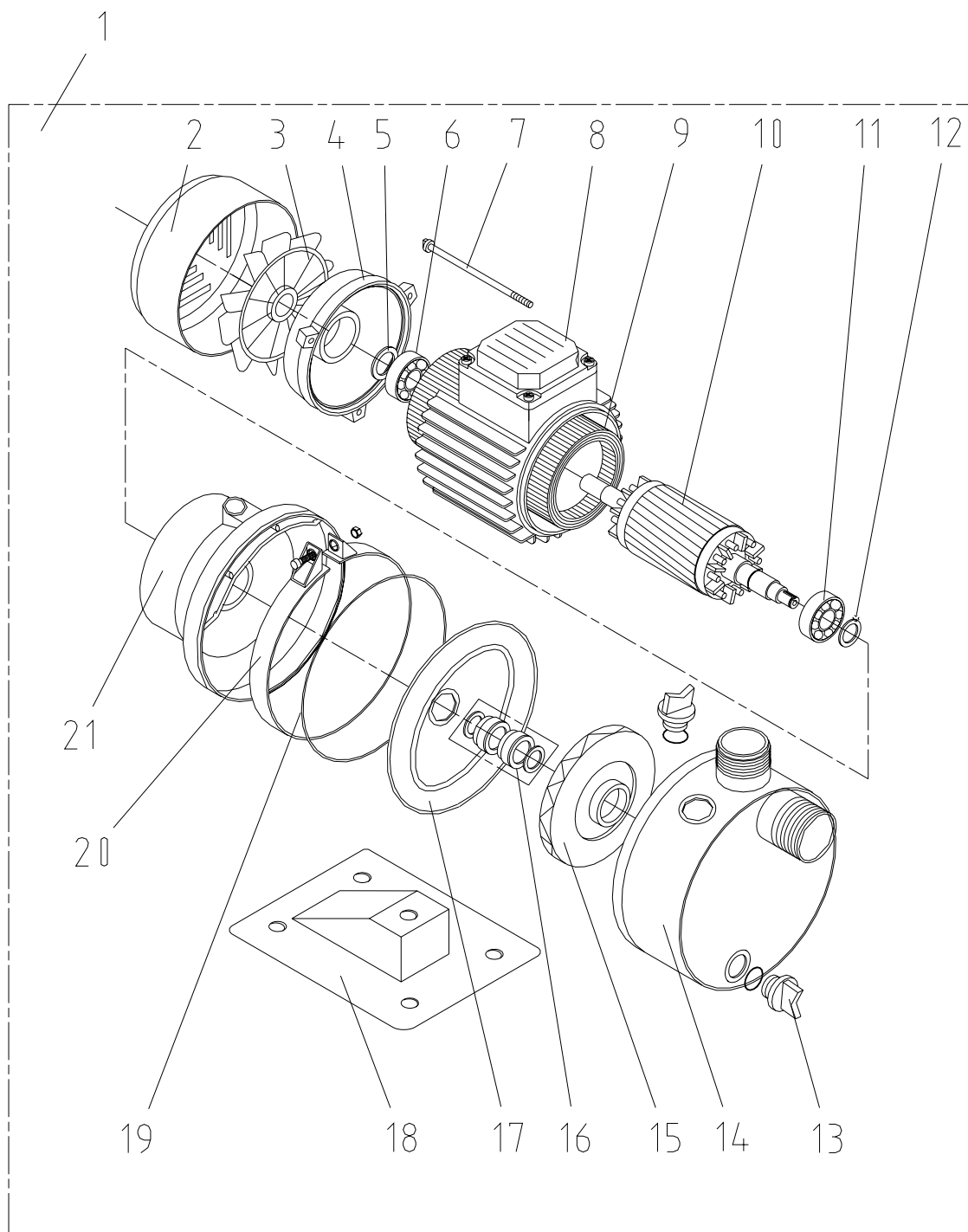
Pos.	Qty.	Item no.	Description
1	1		Ring for AV5
2	1		Spring 5 x 5 x 20
3	1	20476005	Pressure booster pump AV 5 400 V 50 Hz
4	1	20427900	Plug CEE 4 x 16 A 6h red no. 252
5	1		Housing
6	1	20477902	Face seal D=18 for AV 5
7	1	20142444	-----
8	1		Impeller AV5
9	1		O-ring 114 x 3, DIN 3770-NBR 70
10	1		Housing cover
11	6		Cylinder head screw with hex. socket M8 x 20
12	4	00010888	Hex. screw M8 x 25 DIN 933 stainless steel

**Spare parts drawing for pressure booster pump AV 6**



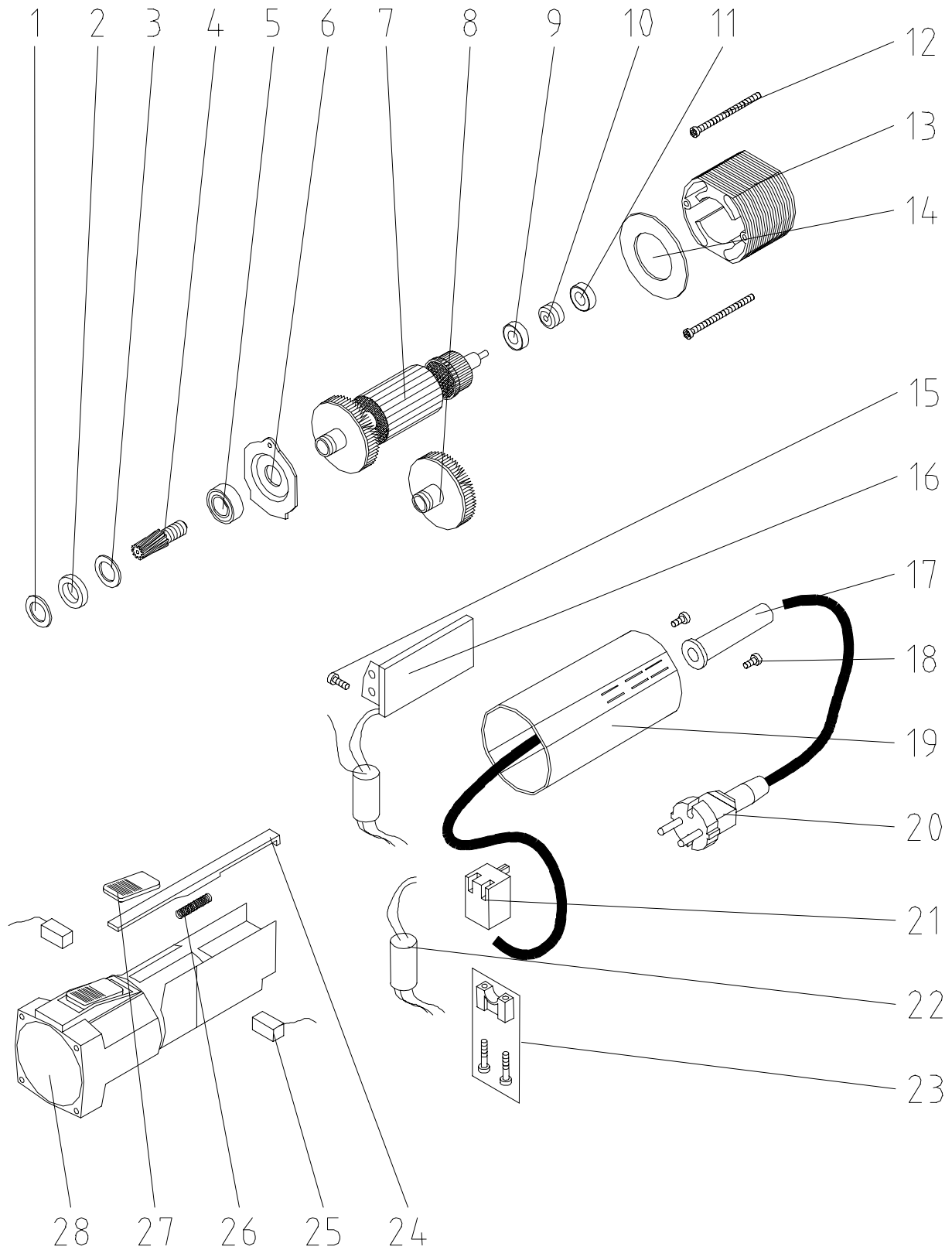
**Spare parts list for pressure booster pump AV 6**

Pos.	Qty.	Item no.	Description
1	4		Collar screw M5
2	1		Motor housing with stator
3	1		Bearing shield, rear, small
4	2		Ball bearing 6202
5	1		Fan wheel
6	2		Compensation washer for ball bearing
7	1		Fan cap with screws
8	1		Rotor with rotor shaft
9	1		Motor holding flange with base
10	1		O-ring 160 x 3
11	7		Cylindrical screw
12	1		Seal carrier
13	1		Slinger
14	1		Ring gasket
15	1		Impeller
16	1		Injector
17	1		O-ring 26 x 3
18	1		Pump housing
19	2		Plug G1/4 with O-ring
20	1		Cylindrical screw
21	1		Hex nut M6
22	1		Handle

**Spare parts drawing for pressure booster pump FERRO 110T 400 V**

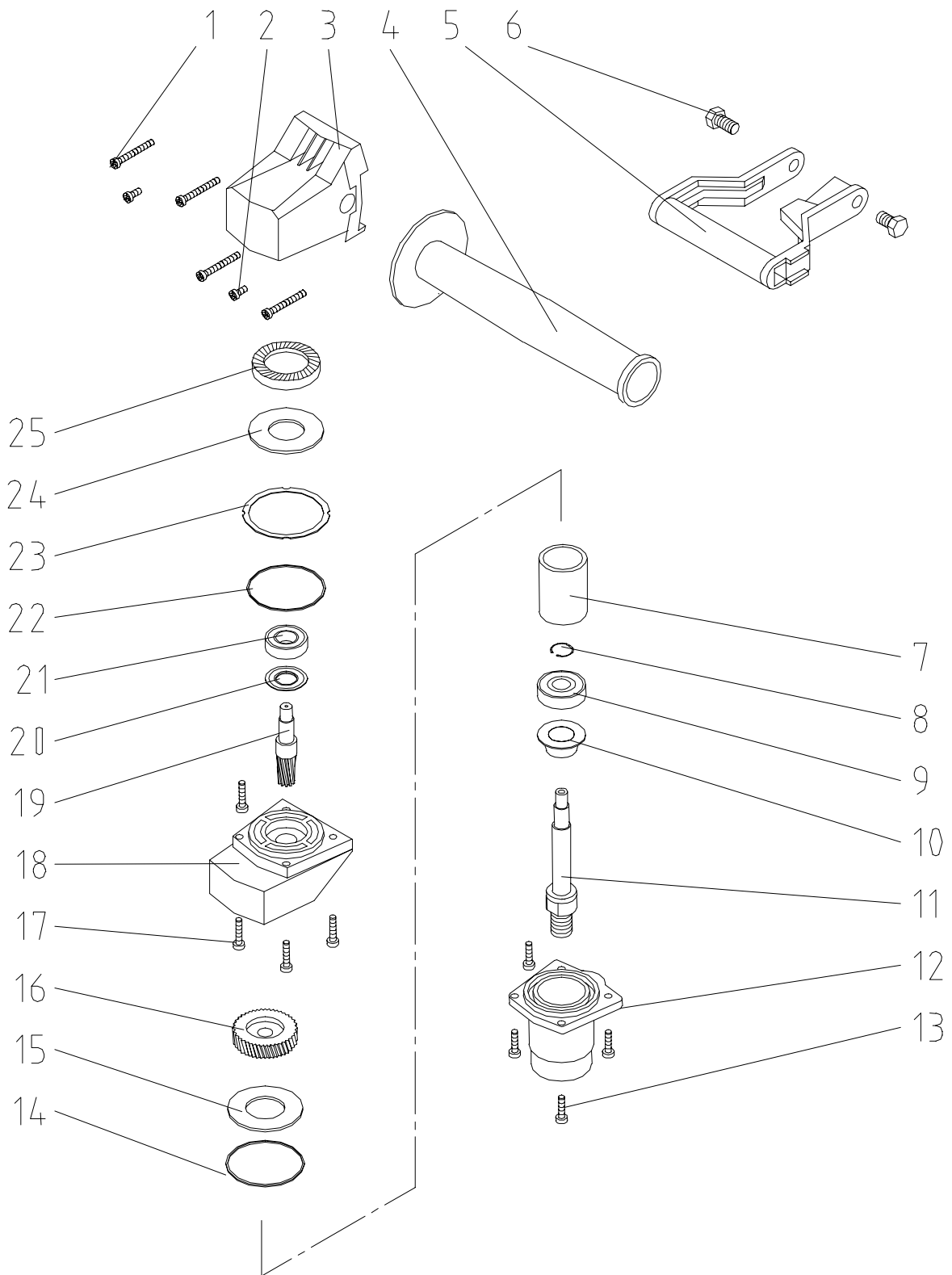
**Spare parts list for pressure booster pump FERRO 110T 400 V**

Pos.	Qty.	Item no.	Description
1	1	00023732	NO LONGER AVAILABLE, REPLACEMENT 00 04 71 36
2	1	00060507	Fan cowl pressure booster pump FERRO 110
3	1	00060508	Fan pressure booster pump FERRO 110 T
4	1	00060509	End plate pressure booster pump FERRO 11
5	1	00060520	Spacer ring pressure booster pump FERRO
6	1		Bearing 6202-2 FERRO 110T
7	3		Tension screws
8	1	00060521	Lid for tagboard box pressure booster pu
9	1		Stator FERRO 110 T
10	1		Shaft with FERRO 110 T
11	1		Bearing 6302-2Z FERRO 110 T
12	1		Ring FERRO 110 T
13	2	00060522	Vent screw pressure booster pump FERRO 1
14	1	00060748	Case pressure booster pump Ferro 110 T
15	1	00060523	Running wheel pressure booster pump FERR
16	1	00060524	Axial face seal pressure booster pump FE
17	1		Sealing ring FERRO 110 T
18	1		Baseplate FERRO 110 T
19	1	00060525	O-ring OR-4700 pressure booster pump FER
20	1	00060528	Clamp strap pressure booster pump FERRO
21	1		Bearing carrier FERRO 110 T

**Spare parts drawing for MIXER 1200 Watt**

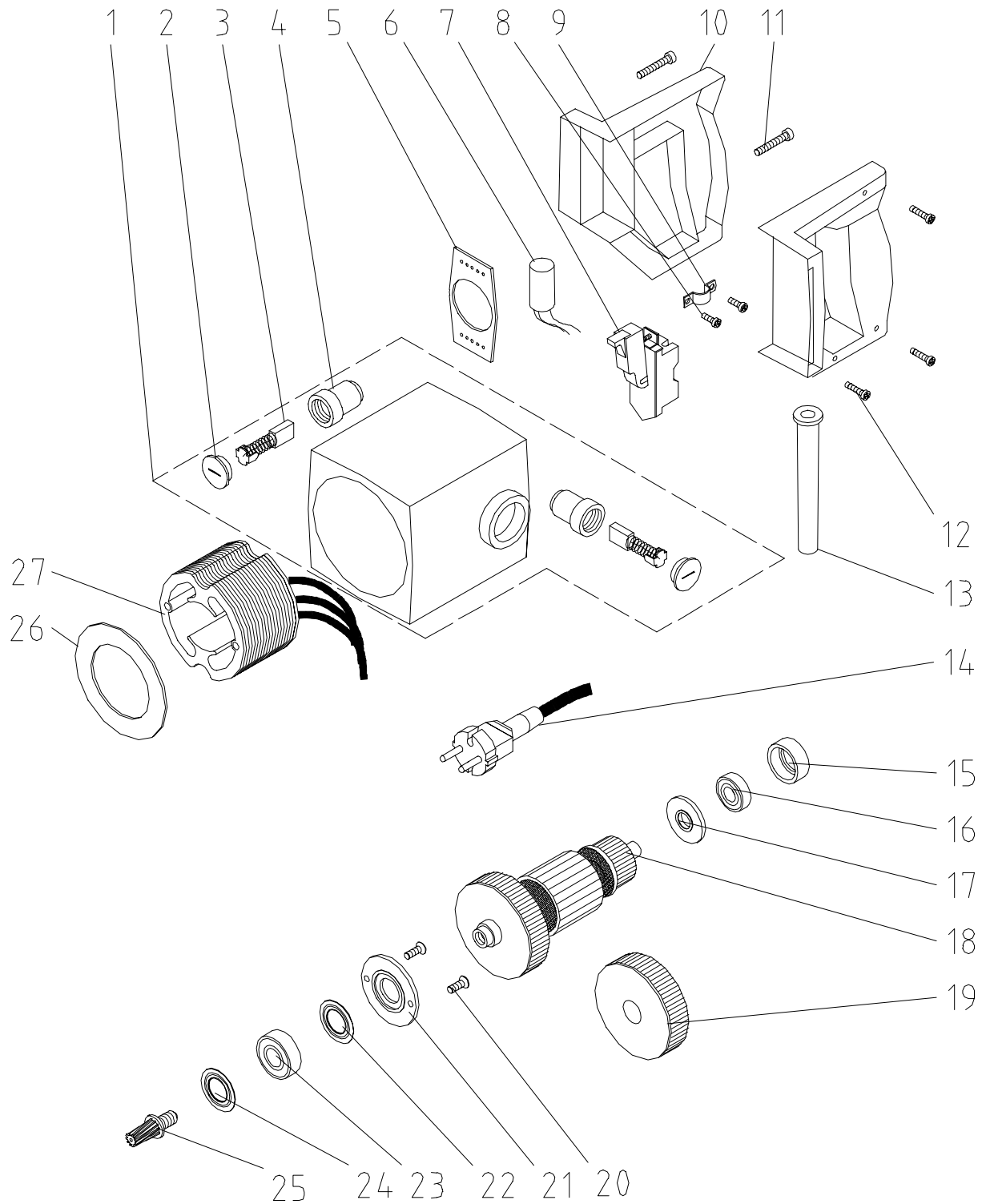
**Spare parts list for MIXER 1200 Watt**

Pos.	Qty.	Item no.	Description
1	1	20480232	NO LONGER AVAILABLE, NO REPLACEMENT
2	1	20480234	Sealing ring 24 x 14 x 4
3	1	20480235	Washer 25.9 x 15.5 x 0.5
4	1	20480236	Pinion (left) for MIXER 1200 W
5	1	20480237	Grooved ball bearing 6000 ZTN 9
6	1	20480238	Bearing plate for MIXER 1200 W top
7	1	20480239	Anchor for MIXER 1200 W
8	1		Fan for mixer 1200 W
9	1	20480241	Grooved ball bearing 607 ZTN 9
10	1		Magnetic ring mixer
11	1	20480243	Bearing ring for MIXER 1200 W
12	2	20480245	Torx screw KA 40 x 60
13	1	20480246	Magnetic field left for MIXER 1200 W
14	1	20480244	Air guide for MIXER
15	1	20480247	Torx screw KA 40 x 12
16	1	20480248	Electronics with condenser fro MIXER 1200 W
17	1	20480250	Rubber sleeve MIXER 1200 W
18	2	20480247	Torx screw KA 40 x 12
19	1	20480249	Cover MIXER 1200 W
20	1	20480251	Connection cable 4 m with Schuko plug
21	1	20480252	Switch for MIXER 1200 W
22	1		Condenser
23	1	20480255	Cable clip cpl.
24	1	20480256	Switch rod for MIXER 1200 W
25	2	20480260	Carbon brush for MIXER 1200 W
26	1	20480257	Compression spring MIXER 1200 W
27	1	20580258	-----
28	1	20480259	Motor case with carbon brush holder for MIXER 1200 W

**Spare parts drawing for MIXER 1200 Watt**

**Spare parts list for MIXER 1200 Watt**

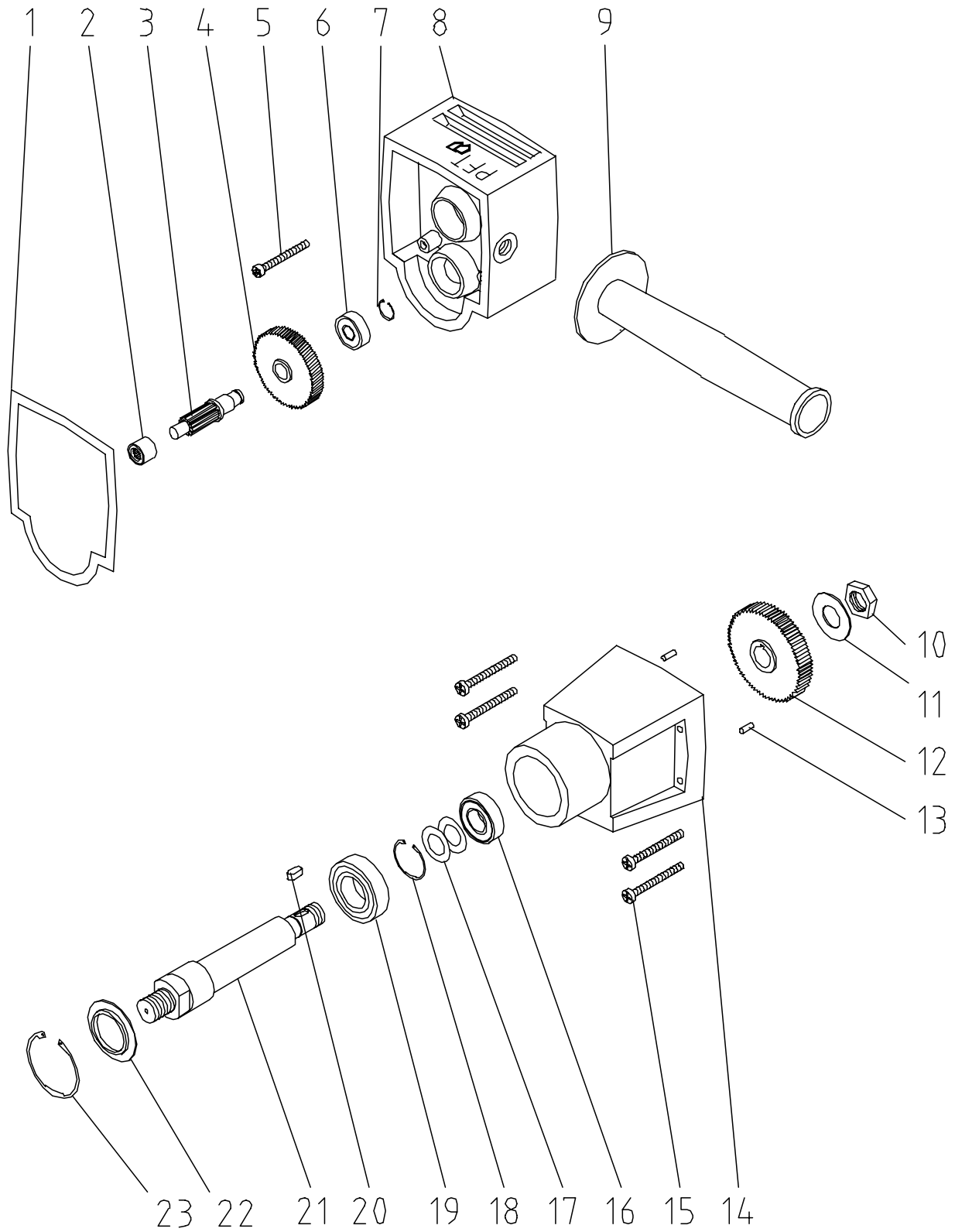
Pos.	Qty.	Item no.	Description
1	4	20480229	Torx screw KA 40 x 30
2	2	20480228	Raised head screw M 4 x 8 DIN 7985
3	1	20480230	Gearbox housing top part for MIXER 1200 W
4	1		Side handle for mixer 1200 W
5	1	20480231	Handle for MIXER 1200 W
6	2	20208701	Hex. screw M8 x 16 DIN 933 galv.
7	1	20480217	NO LONGER AVAILABLE, NO REPLACEMENT
8	1	20476109	Circlip D 12 x 1 DIN 471
9	1	20480215	Grooved ball bearing 6201 2 RS
10	1	20480214	Scraper for MULTIMIX
11	1		Gear shaft mixer 1200 W
12	1	20480211	Bearing plate for MIXER 1200 W
13	4	20480212	Torx screw M4 x 20
14	1	20480218	Sealing ring 48 x 1.2
15	1	20480219	Disc spring 50 x 25.4 x 1.5
16	1	20480220	Toothed wheel for MIXER 1200 W
17	4	20480212	Torx screw M4 x 20
18	1	20480221	Gearbox housing bottom part for MIXER 1200 W
19	1	20480222	Countershaft for MIXER 1200 W
20	1	20480223	Sealing ring 6001 J
21	1	20480224	Grooved ball bearing 6001 2 RS
22	1	20480218	Sealing ring 48 x 1.2
23	1	20480226	Distance ring for MIXER 1200 W
24	1	20480219	Disc spring 50 x 25.4 x 1.5
25	1	20480227	Bevel gear MIXER 1200 W

**Spare parts drawing for MIXER 1600 Watt**



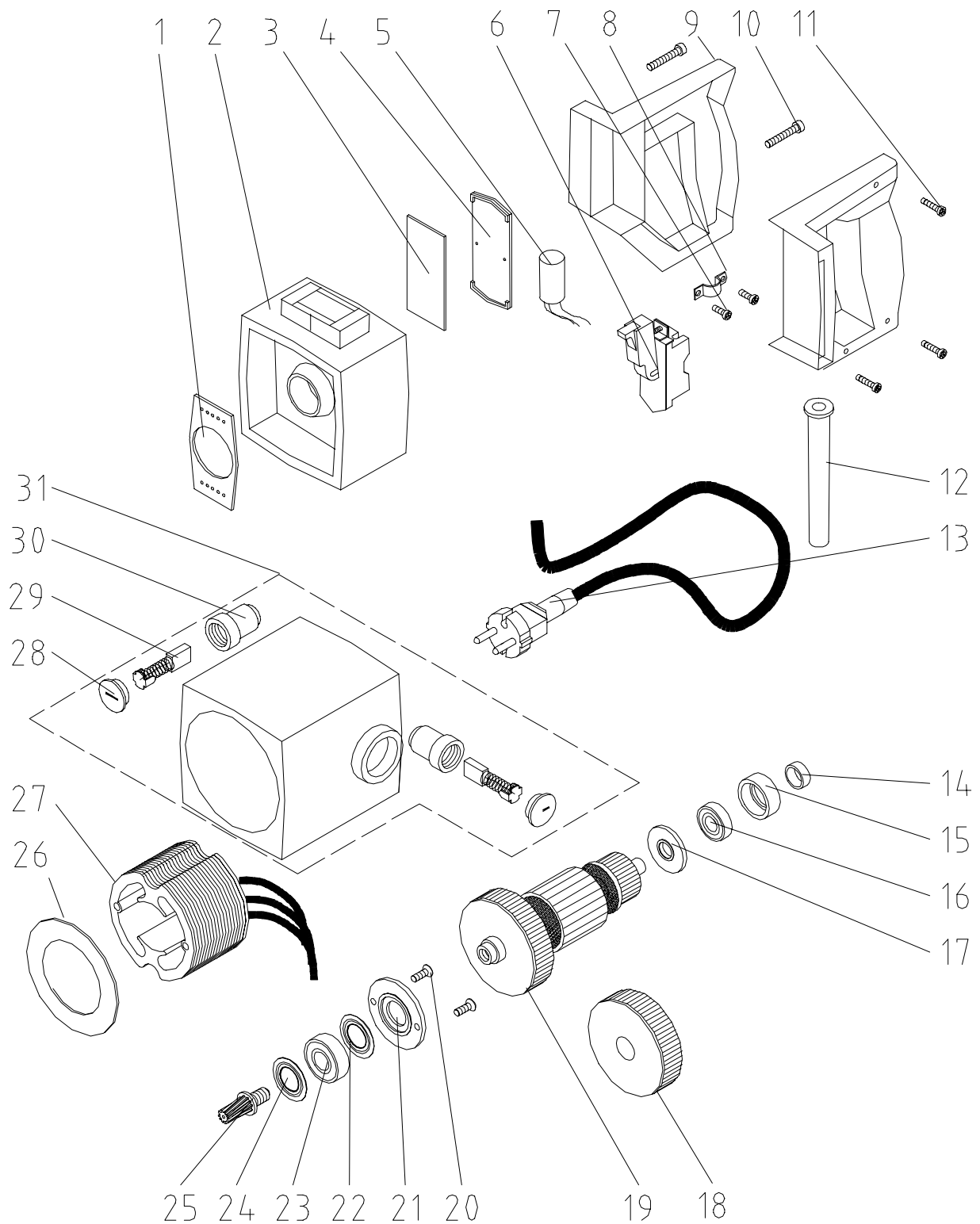
**Spare parts list for MIXER 1600 Watt**

Pos.	Qty.	Item no.	Description
1	1	20483200	Motor case for MIXER 1600 W
2	2	20482410	Carbon brush holder cap for MIXER 1100/1600/1800 W
3	2	20482210	Carbon brush for MIXER 1100/1600/1800 W
	2	20482211	Carbon brush for MIXER 110V
4	2	20482310	Carbon brush holder for MIXER 1100/1600/1800 W
5	1	20483509	Sealing plate MIXER 1800 W
6	1	20483600	Condenser 0.15 myF D=16 x 35 with cable
7	1	20481000	Switch 2 poles for MIXER
8	2	20483301	Phillips head screw KT 4 x 12 (1600 W)
9	1	20483002	Cable clip MIXER 1600W
10	1	20484100	Handle (2 parts) for MIXER 1100/1600 W
11	2	20480550	Phillips head screw Ka 50 x 72
12	4	20483301	Phillips head screw KT 4 x 12 (1600 W)
13	1	20483001	Rubber sleeve MIXER 1600 W
14	1	20483000	Connection cable 10 m with Schuko plug
15	1	20483500	Bearing ring for MIXER 1600 W
16	1	20481120	Grooved ball bearing 6001 Z
17	1	20483504	Insulating ring
18	1	20483100	Anchor for MIXER 1600 W 230 V
	1	00008872	Anchor for MIXER 110 V (from 1992 on)
19	1	20484000	Fan for MIXER 1600 W
20	2	20483304	Phillips screw M5 x 16 for MIXER 1600 W
21	1	20483810	Bearing flange for MIXER 1600 W
22	1	20483501	Sealing ring 6003 JV
23	1	20481110	Grooved ball bearing 6202 ZTN 9
24	1	20483502	Sealing ring 6202 J
25	1	00048697	Gear (P. 49) + pinion cpl.
26	1	20480244	Air guide for MIXER
27	1	20483110	Magnetic field 230 V for MIXER 1600 W
	1		Magnetic field 110 V (1600 W)

**Spare parts drawing for MIXER 1600 Watt**

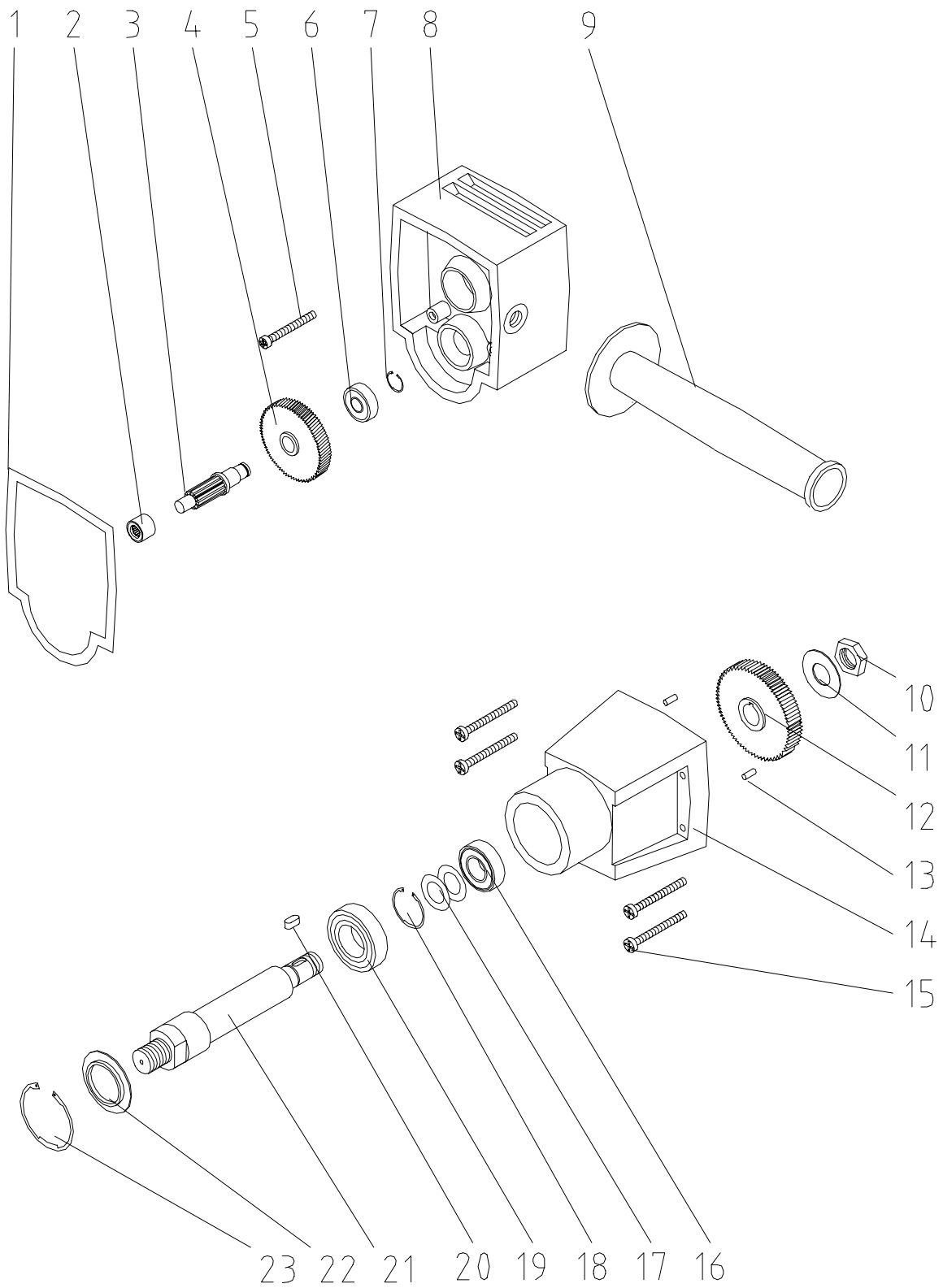
**Spare parts list for MIXER 1600 Watt**

Pos.	Qty.	Item no.	Description
1	1	20483506	Gasket
2	1	20483505	Needle bearing
3	1	20484400	Countershaft
4	1		Gear (P.49) cpl. no. see page 39 item 25
5	4	20483307	Raised head screw M5 x 50
6	1	20483313	Grooved ball bearing 6000 Z
7	1	20483315	Circlip D 10 x 1 DIN 471
8	1	20483800	Bearing plate for MIXER 1600 W
9	1	20482500	Side handle for MIXER (old and new version)
10	1	20483310	Hex. nut M16 x 1
11	1	20483311	Spring washer B16 DIN 137
12	1	20484210	Toothed wheel T=69 for MIXER 1600 W
13	2	20483312	-----
14	1	20483700	Gearbox housing
15	4	20483307	Raised head screw M5 x 50
16	1	20483309	Grooved ball bearing 6003 ZZ
17	2	20480510	Disc spring
18	1	20483314	Circlip D 25 x 1.2 DIN 471
19	1	20483308	Grooved ball bearing 6005 2RS
20	1		Spring A5 x 5 x 14
21	1	20484300	Output shaft for MIXER 1600 W
22	1	20483316	Scraper
23	1	20483317	Circlip D 47 x 1.75 DIN 472

**Spare parts drawing for MIXER 1800 Watt Vario**

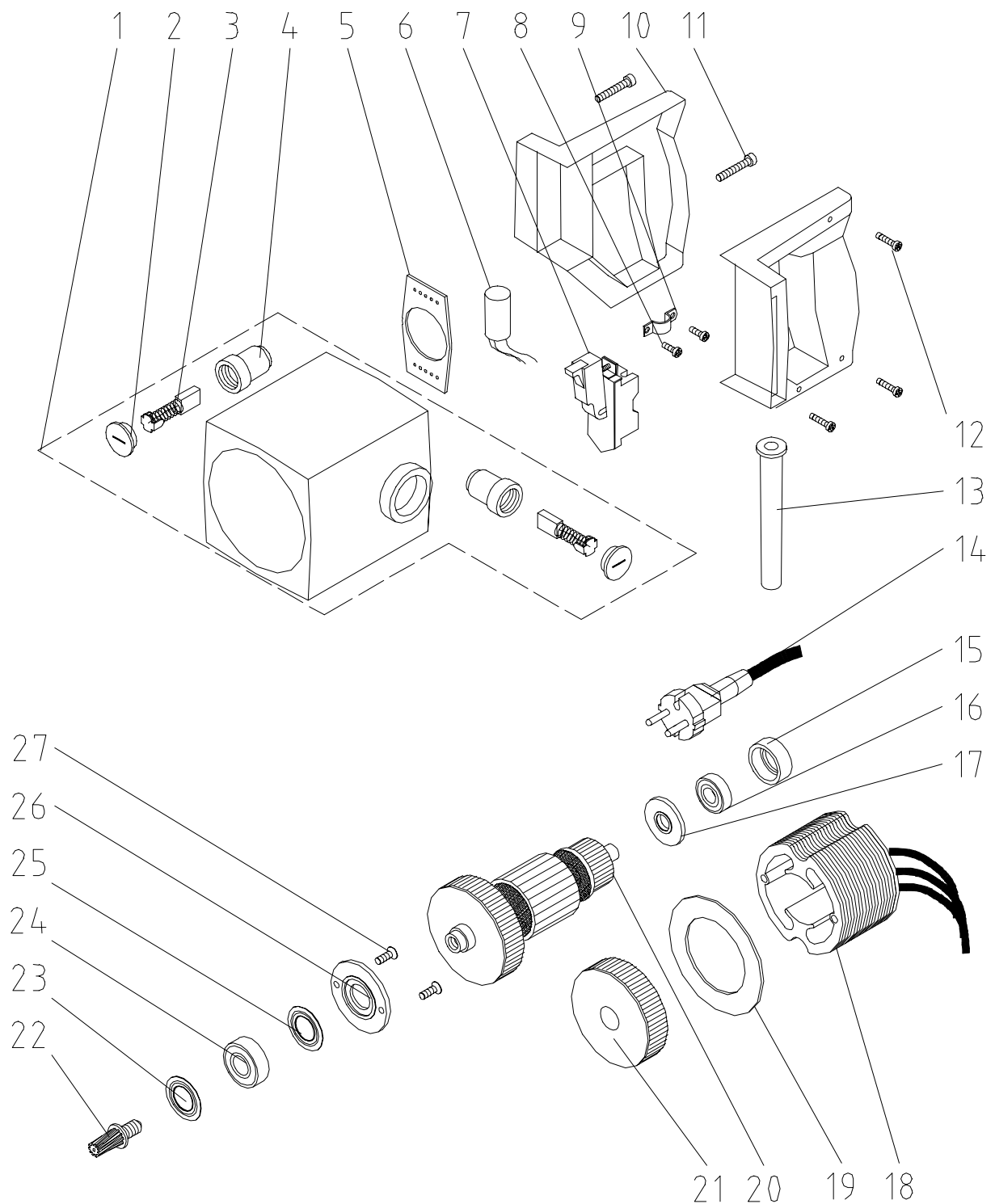
**Spare parts list for MIXER 1800 Watt Vario**

Pos.	Qty.	Item no.	Description
1	1	20483503	-----
2	1	20483508	Cover with electronics MIXER 1800 W
3	1	20483509	Sealing plate MIXER 1800 W
4	1	20483510	Cover MIXER 1800 W
5	1	20483600	Condenser 0.15 myF D=16 x 35 with cable
6	1	20481000	Switch 2 poles for MIXER
7	2	20483301	Phillips head screw KT 4 x 12 (1600 W)
8	1	20483002	Cable clip MIXER 1600 W
9	1	20484100	Handle (2 parts) for MIXER 1100/1600 W
10	2	20480550	Phillips head screw Ka 50 x 72
11	1	20483301	Phillips head screw KT 4 x 12 (1600 W)
12	1	20483001	Rubber sleeve MIXER 1600 W
13	1	20483000	Connection cable 10 m with Schuko plug
14	1	20483507	Magnetic field for MIXER 1800 W
15	1	20483500	Bearing ring for MIXER 1600 W
16	1	20481120	Grooved ball bearing 6001 Z
17	1	20483504	Insulating ring
18	1	20484000	Fan for MIXER 1600 W
19	1	20480560	Anchor for MIXER 1800 VR
20	2	20483304	Phillips screw M5 x 16 for MIXER 1600 W
21	1	20483810	Bearing flange for MIXER 1600 W
22	1	20483501	Sealing ring 6003 JV
23	1	20481110	Grooved ball bearing 6202 ZTN 9
24	1	20483502	Sealing ring 6202 J
25	1	20483400	NO LONGER AVAILABLE, REPLACEMENT 00 04 86 97
26	1	20480244	Air guide for MIXER
27	1	20480540	Magnetic field for MIXER 1800 VR
28	1	20482410	Carbon brush holder cap for MIXER 1100/1600/1800 W
29	1	20482210	Carbon brush for MIXER 1100/1600/1800 W
30	1	20482310	Carbon brush holder for MIXER 1100/1600/1800 W
31	1	20480530	Motor case with carbon brush holder for MIXER 1800 VR

**Spare parts drawing for MIXER 1800 Watt Vario**

**Spare parts list for MIXER 1800 Watt Vario**

Pos.	Qty.	Item no.	Description
1	1	20483506	Gasket
2	1	20483505	Needle bearing
3	1	20484400	Countershaft
4	1	20484200	NO LONGER AVAILABLE, REPLACEMENT 00 04 86 97
5	1	20483307	Raised head screw M5 x 50
6	1	20483313	Grooved ball bearing 6000 Z
7	1	20483315	Circlip D 10 x 1 DIN 471
8	1	20483800	Bearing plate for MIXER 1600W
9	1	20482500	Side handle for MIXER (old and new version)
10	1	20483310	Hex. nut M16 x 1
11	1	20483311	Spring washer B16 DIN 137
12	1	20484210	Toothed wheel T=69 for MIXER 1600W
13	1		Dowel pin 4 x 16 DIN 6325
14	1	20483700	Gearbox housing
15	4	20483307	Raised head screw M5 x 50
16	1	20483309	Grooved ball bearing 6003 ZZ
17	2	20480510	Disc spring
18	1	20483314	Circlip D 25 x 1.2 DIN 471
19	1	20483308	Grooved ball bearing 6005 2RS
20	1		Spring A5 x 5 x 14
21	1	20484300	Output shaft for MIXER 1600 W
22	1	20483316	Scraper
23	1	20483317	Circlip D 47 x 1.75 DIN 472

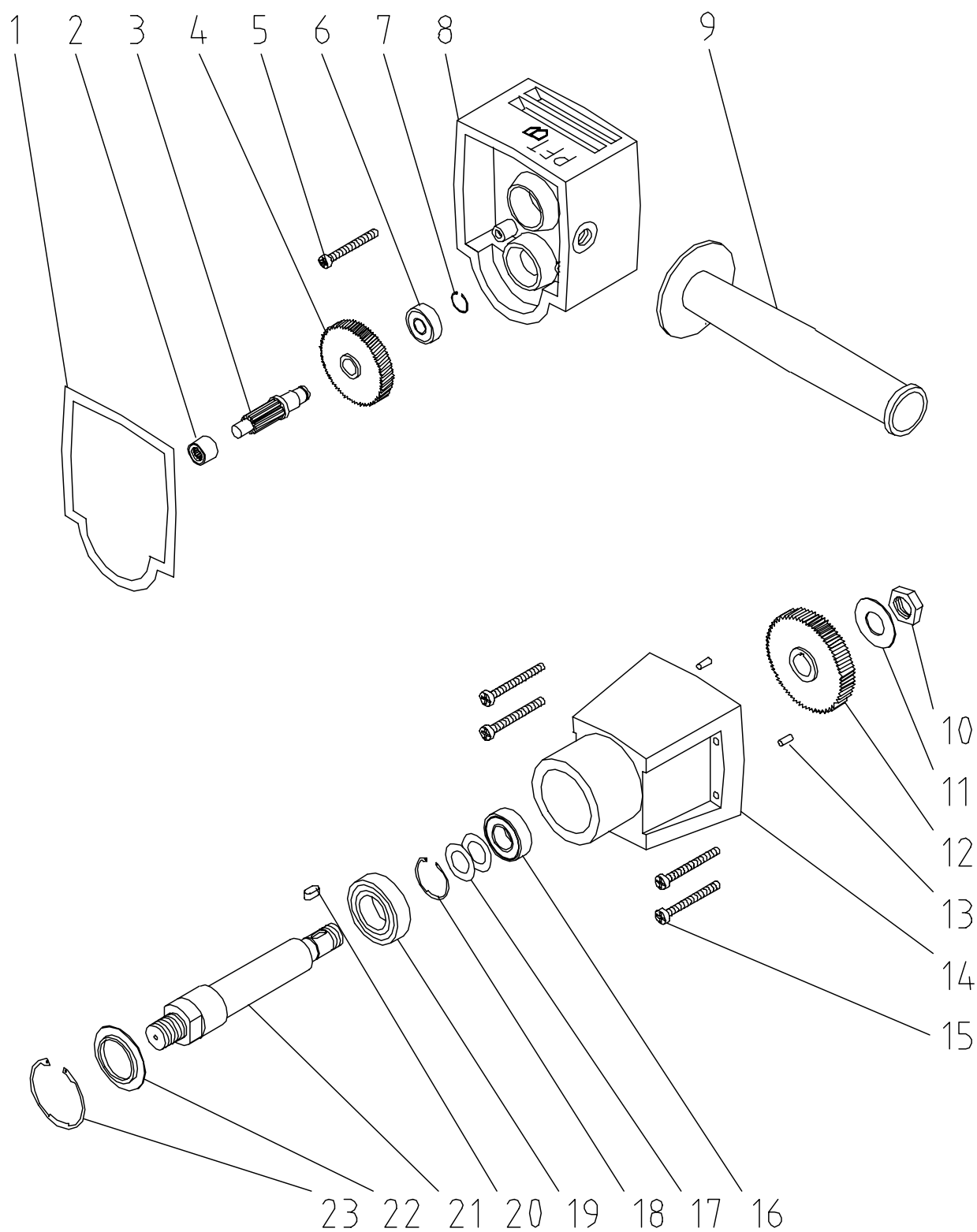
**Spare parts drawing for MIXER 2000 Watt**



**Spare parts list for MIXER 2000 Watt**

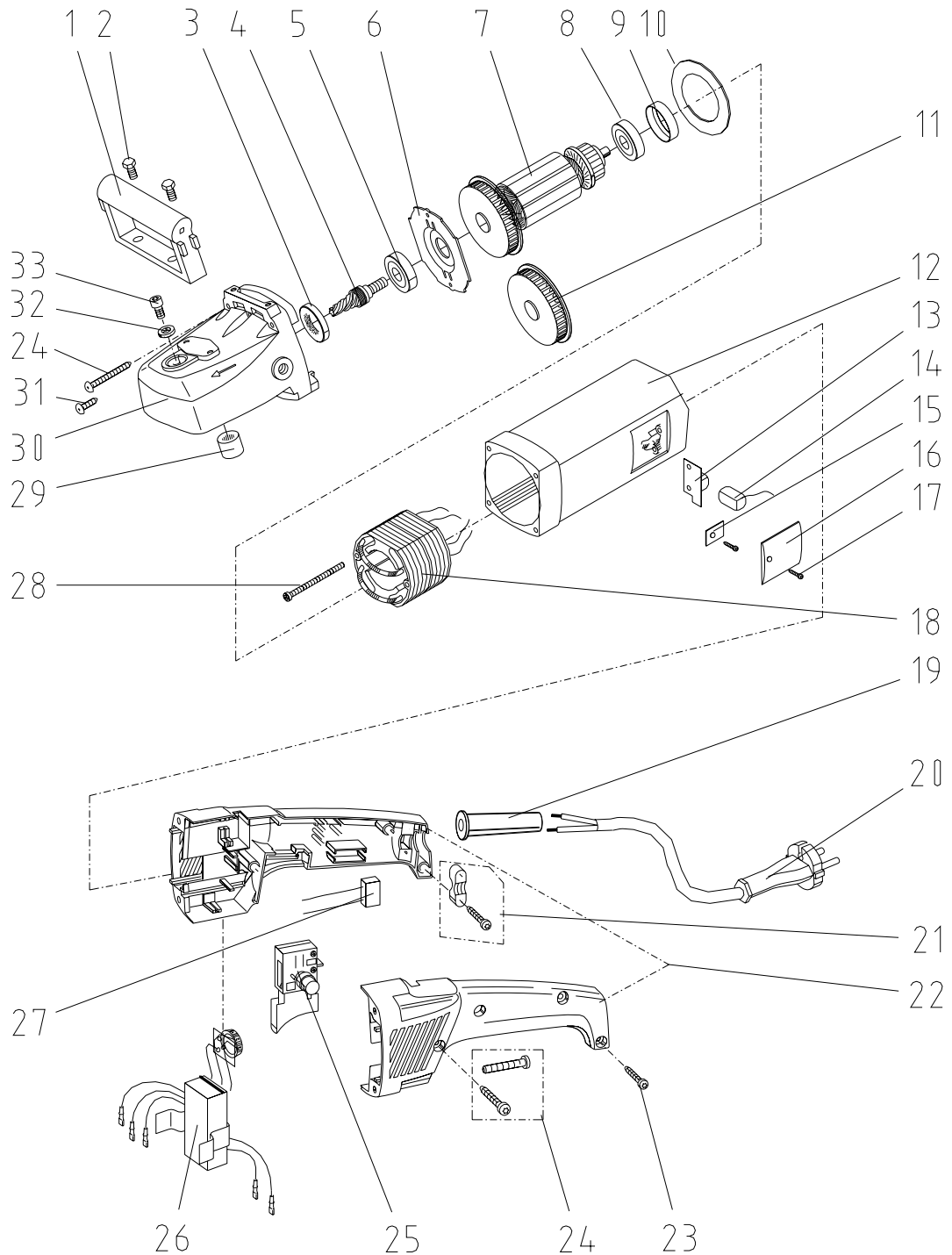
Pos.	Qty.	Item no.	Description
1	1		Motor housing (2000 W)
2	2		Carbon holder cap mixer 1200 W
3	2	20482212	Carbon brush for MIXER R2000
	1	00021489	Carbon mixer R2000 with automatic shutdown mechanism
4	2	20482310	Carbon brush holder for MIXER 1100/1600/1800 W
5	1		Sealing plate mixer 2000 W
6	1		Condenser 0.15 mF D=16 x 35 with cable
7	1	20481000	Switch 2 poles for MIXER
8	2	20483301	Phillips head screw KT 4 x 12 (1600 W)
9	1		Cable clamp mixer 2000 W
10	1	20484100	Handle (2 parts) for MIXER 1100/1600 W
11	2	20480550	Phillips head screw Ka 50 x 72
12	4	20483301	Phillips head screw KT 4 x 12 (1600 W)
13	1	20483001	Rubber sleeve MIXER 1600 W
14	1	20483000	Connection cable 10 m with Schuko plug
15	1		Bearing ring
16	1	20481120	Grooved ball bearing 6001 Z
17	1		Insulation ring
18	1		Magnetic field 230 V (2000 W)
19	1		Air duct
20	1	20483100	Anchor for MIXER 1600 W 230 V
21	1	20484000	Fan for MIXER 1600 W
22	1	20483400	NO LONGER AVAILABLE, REPLACEMENT 00 04 86 97
23	1	20483502	Sealing ring 6202 J
24	1		Grooved ball bearing 6202 ZTN 9
25	1	20483501	Sealing ring 6003 JV
26	1	20483810	Bearing flange for MIXER 1600 W
27	2		Cyl. screw with cross head M5 x 16 (2000 W)

## Spare parts drawing for MIXER 2000 Watt Vario



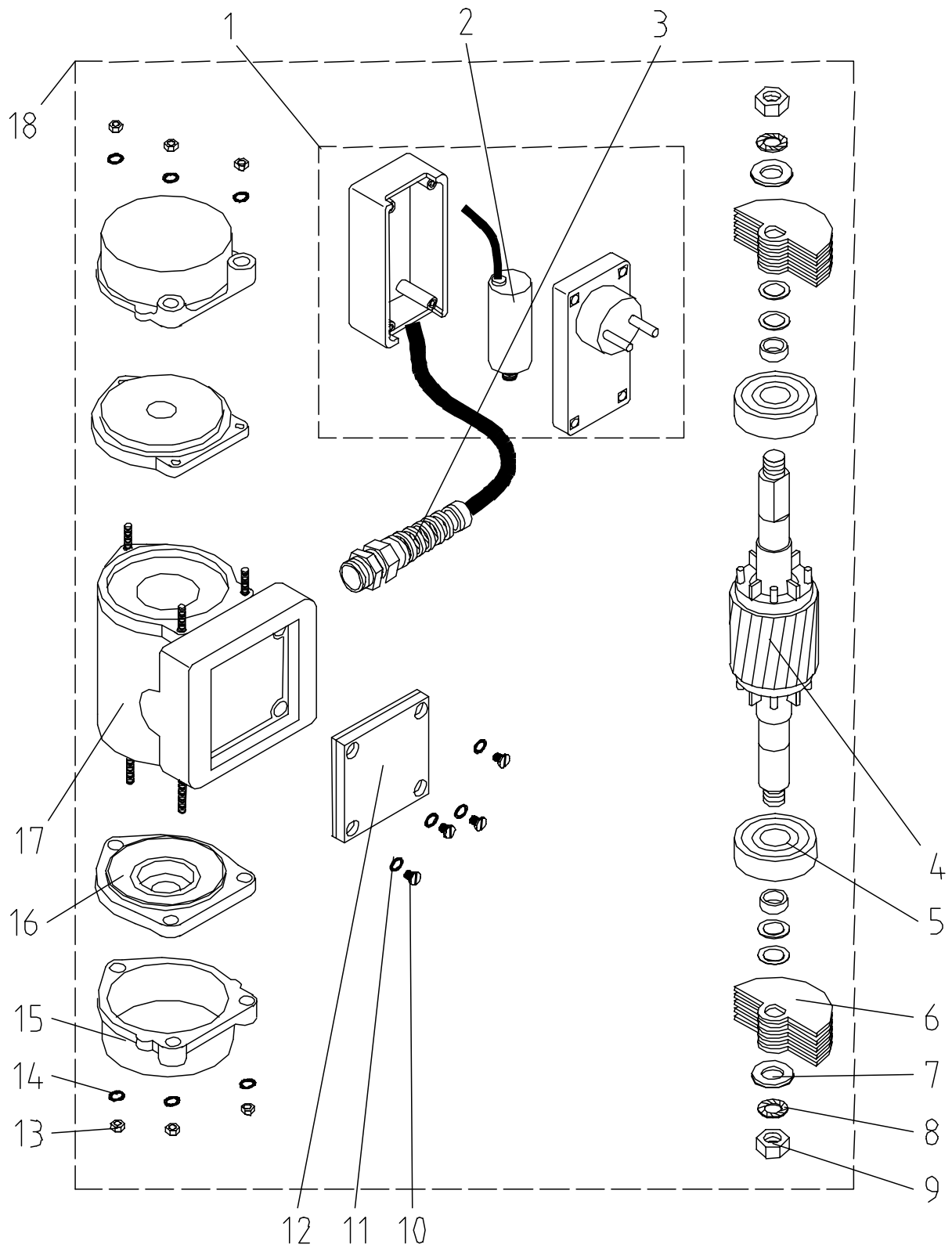
**Spare parts list for MIXER 2000 Watt Vario**

Pos.	Qty.	Item no.	Description
1	1	20483506	Gasket
2	1		Needle bearing
3	1	20484400	Countershaft
4	1	20484200	NO LONGER AVAILABLE, REPLACEMENT 00 04 86 97
5	4		Fillister head screw M5 x 50
6	1	20483313	Grooved ball bearing 6000 Z
7	1	20483315	Circlip D 10 x 1 DIN 471
8	1		Bearing cover
9	1		Side handle for Mixer
10	1	20483310	Hex. nut M16 x 1
11	1	20483311	Spring washer B16 DIN 137
12	1	20484210	Toothed wheel T=69 for MIXER 1600W
13	2		Dowel pin M4 x 20 DIN 7
14	1	20483700	Gearbox housing
15	4		Fillister head screw M5 x 50
16	1	20483309	Grooved ball bearing 6003 ZZ
17	2		Disc spring
18	1	20483314	Circlip D 25 x 1.2 DIN 471
19	1	20483308	Grooved ball bearing 6005 2RS
20	1		Spring A5 x 5 x 14
21	1	20484300	Output shaft for MIXER 1600W
22	1	20483316	Scraper
23	1	20483317	Circlip D 47 x 1.75 DIN 472

**Spare parts drawing for angle mixer 1500 Watt**

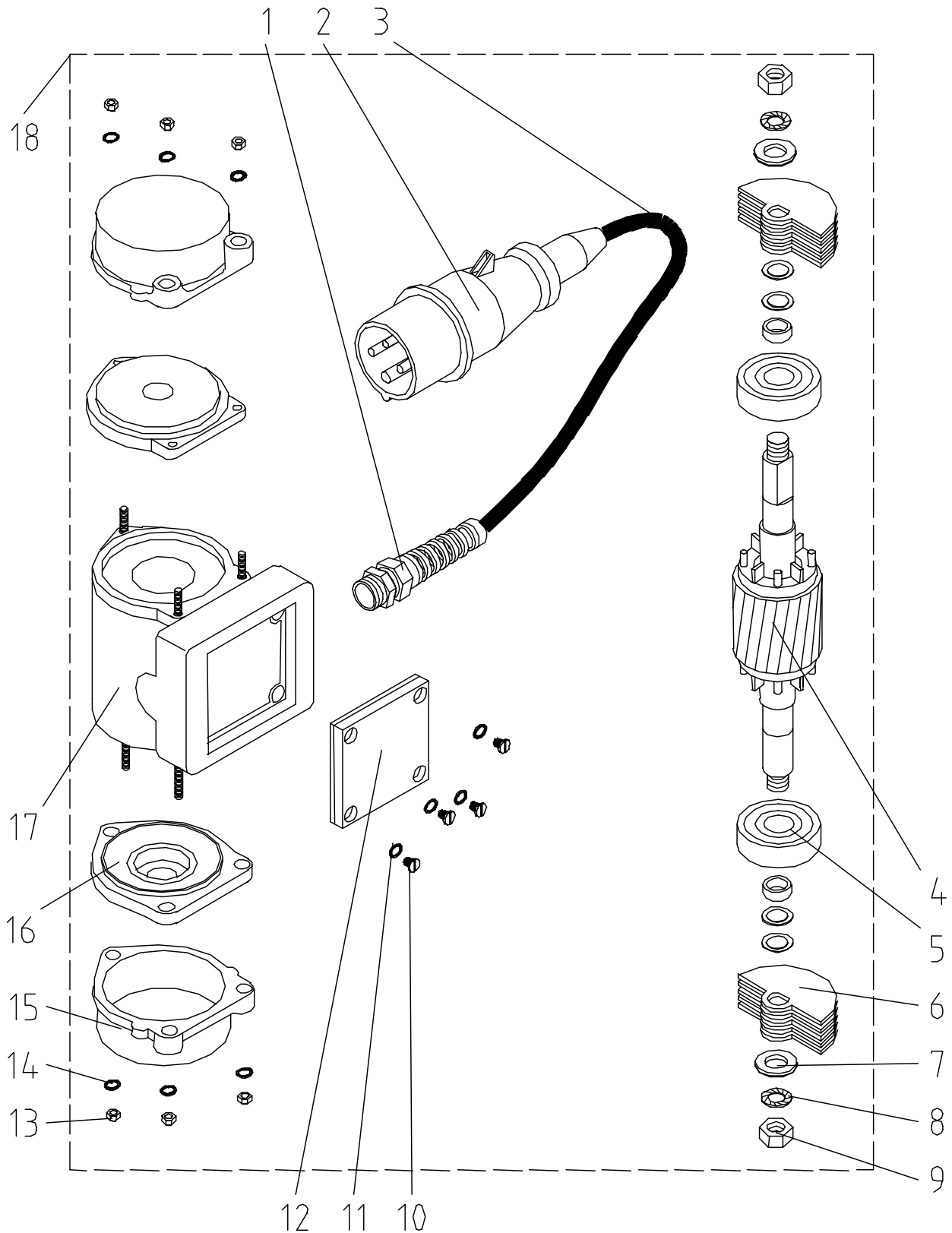
**Spare parts list for angle mixer 1500 Watt**

Pos.	Qty.	Item no.	Description
1	1		Handle, coated black
2	2	20207810	Hex. screw M8 x 25 DIN 933 galv.
3	1		Sealing bush cpl. d=26 mm
4	1		Pinion with bush
5	1		Ball bearing 6000/2 RSD
6	1		Bearing cover ANGLE MIXER 1500 W
7	1		Anger ANGLE MIXER 1500 W 230 V
8	1		Ball bearing 607/2 RSD
9	1		Bearing ring ANGLE MIXER 1500 W
10	1		Air duct ANGLE MIXER 1500 W
11	1		Fan ANGLE MIXER 1500 W
12	1		Motor housing, printed
13	2	00058781	Coal holder ANGLE MIXER 1500 W
14	2	00058780	Coals ANGLE MIXER 1500 W
15	2		Lug ANGLE MIXER 1500 W
16	2		Coal holder cover
17	4	20480247	Torx screw KA 40 x 12
18	1		Magnetic field ANGLE MIXER 1500 W
19	1		Cable protection hose d=9 mm
20	1		Cable cpl. 0.4m
21	1		Cable clamp cpl. DMR 9.4 mm
22	1		Handle two halves red
23	2	20480212	Torx screw M4 x 20
24	9		Torx screw KT 5 x 35
25	1		Switch ANGLE MIXER 1500W
26	1		Electronics ANGLE MIXER 1500W
27	1	00058782	Condenser ANGLE MIXER 1500 W
28	2		Screw KT 4 x 55
29	1		Needle sleeve ANGLE MIXER 1500 W
30	1		Gearbox housing R601 W
31	2		Fillister head screw DIN 7985 M5 x 30
32	1		Sealing disc 8.4 x 13 x 1
33	1		Screw M8 x 12 zinc-pl. DIN 7984

**Spare parts drawing for vibrator SR 6 230 V WS**

**Spare parts list for vibrator SR 6 230 V WS**

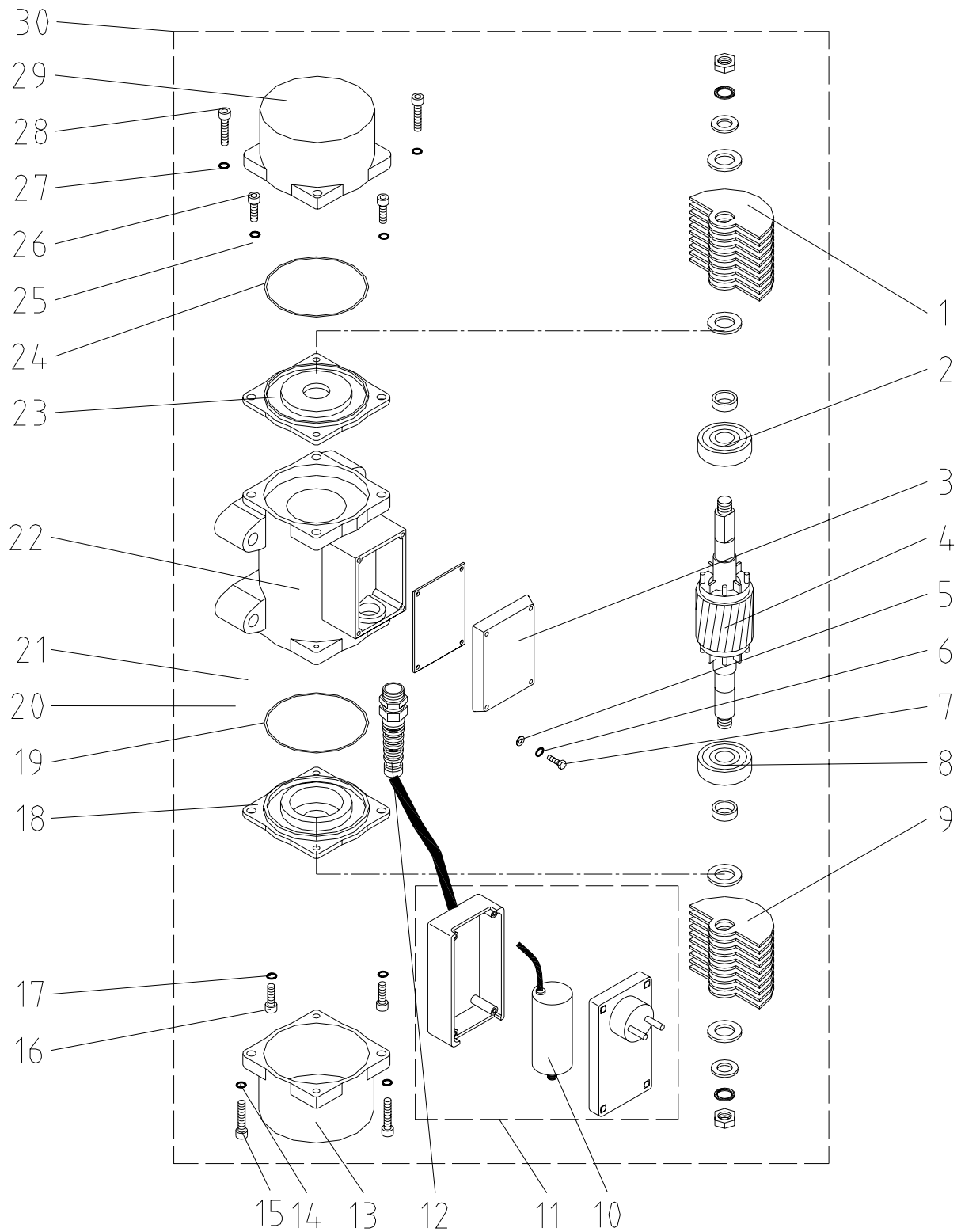
Pos.	Qty.	Item no.	Description
1	1	00011844	Schuko plug with condenser for vibrator SR6
2	1	00011845	Condenser 8 myF D=25 x 55 for SR6
3	1	00001379	NO LONGER AVAILABLE, REPLACEMENT 00 00 74 04
4	1		Rotor with shaft for vibrator
5	2	20480215	Grooved ball bearing 6201 2 RS
6	10		Unbalanced mass for vibrator
7	2	20209000	Washer B 13 DIN 125 galv.
8	2	20209309	Washer A 10.5 DIN 6798 galv.
9	2		Hex nut M10 DIN 439
10	4	20244600	Cheese-head screw M5 x 12 DIN 84 galv.
11	4		Washer A 5.3 DIN 6798 zinc-plated
12	1		Terminal box cover for external vibrator
13	6	20208200	Hex. nut M4 DIN 934 galv.
14	6		Washer A 4.3 DIN 6798 zinc-plated
15	2		Protective cover for vibrator
16	2		Bearing shield for external vibrator
17	1		Middle part with cast coil
18	1	20708210	Vibrator SR6 230 V cpl. with condenser for MINITAINER

**Spare parts drawing for vibrator SR 6 400 V DS**



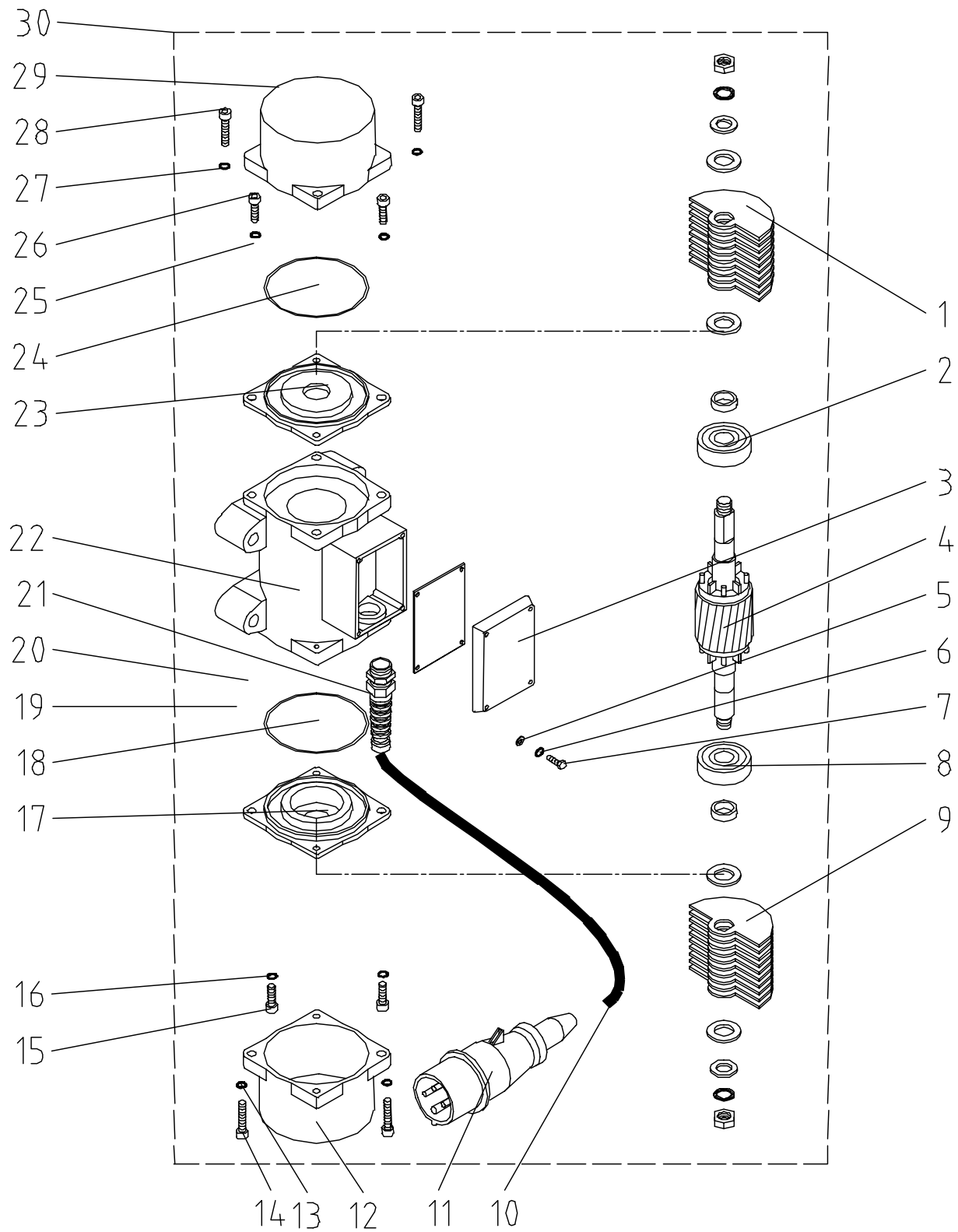
**Spare parts list for vibrator SR 6 400 V DS**

Pos.	Qty.	Item no.	Description
1	1	00001379	NO LONGER AVAILABLE, REPLACEMENT 00 00 74 04
2	1	20427900	Plug CEE 4 x 16 A 6h red no. 252
3	1	20424134	Motor connection cable 8.0 m CEE plug 4 x 16 A 6h red loop 5mm
4	1		Rotor with shaft for vibrator
5	2	20480215	Grooved ball bearing 6201 2 RS
6	10		Unbalanced mass for vibrator
7	2	20209000	Washer B 13 DIN 125 galv.
8	2	20209309	Washer A 10.5 DIN 6798 galv.
9	2		Hex nut M10 DIN 439
10	4	20244600	Cheese-head screw M5 x 12 DIN 84 galv.
11	4		Washer A 5.3 DIN 6798 zinc-plated
12	1		Terminal box cover for external vibrator
13	6	20208200	Hex. nut M4 DIN 934 galv.
14	6		Washer A 4.3 DIN 6798 zinc-plated
15	2		Protective cover for vibrator
16	2		Bearing shield for external vibrator
17	1		Middle part with cast coil
18	1	20708220	Vibrator SR6 400V MINITAINER

**Spare parts drawing for vibrator SR 22 230 V 1 phase**

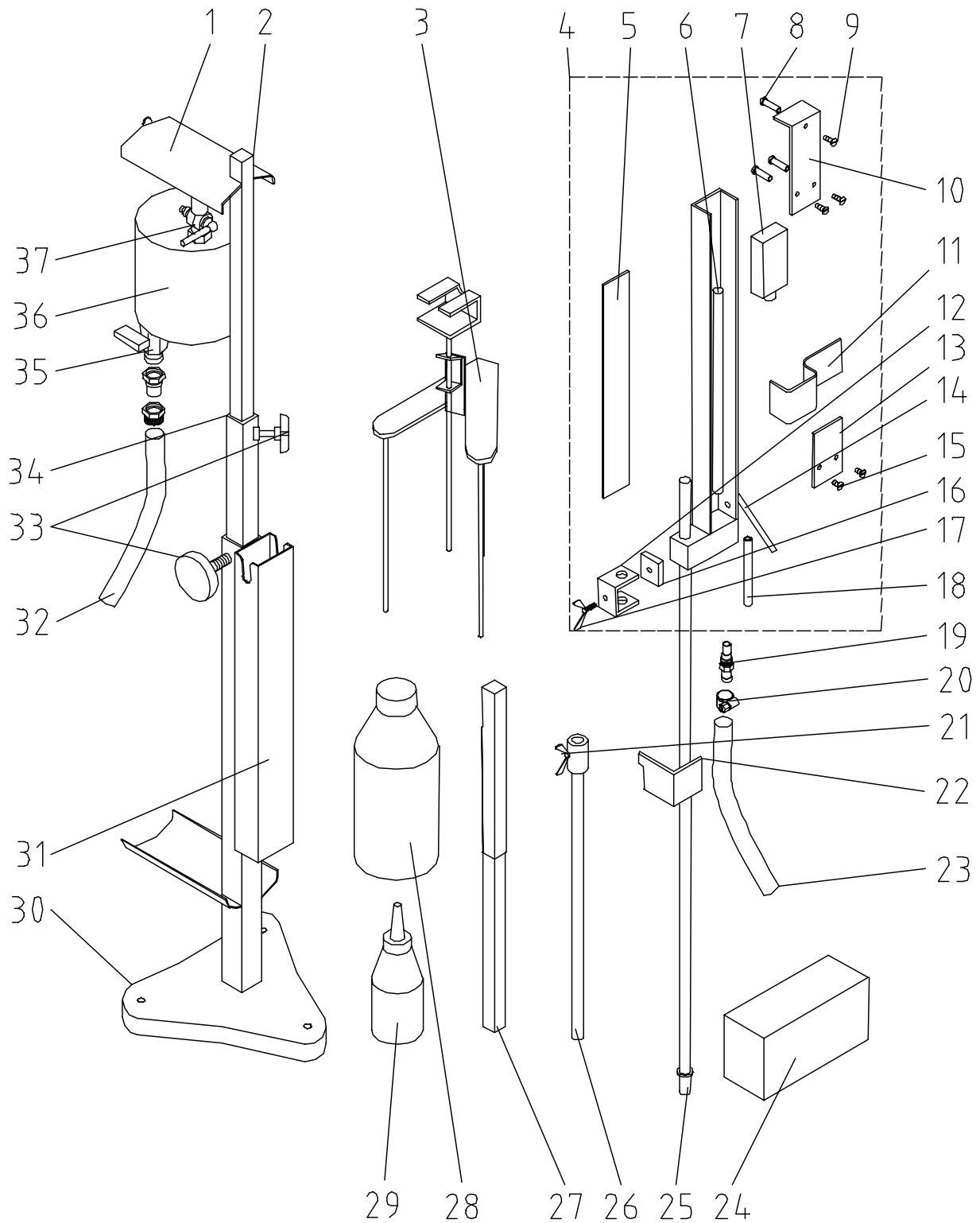
**Spare parts list for vibrator SR 22 230 V 1 phase**

Pos.	Qty.	Item no.	Description
1	1	20708314	Flyweight for vibrator
2	1	20708315	No longer available, replacement 20 13 65 04
3	1	20708311	Cover for motor connection box for vibrator
4	1	20708313	Rotor with shaft for vibrator (item no. 5)
5	4		Washer A 4.3 DIN 125 zinc-pl.
6	4		Washer A 4.3 DIN 6798 zinc-plated
7	4	20207818	Hex. screw M4 x 16 DIN 933 galv.
8	1	20708315	No longer available, replacement 20 13 65 04
9	1	20708314	Flyweight for vibrator
10	1	00011861	Condenser 10 myF D=30 x 70 for SR22
11	1	00010496	Schuko plug with condenser for vibrator SR22
12	1	00001379	NO LONGER AVAILABLE, REPLACEMENT 00 00 74 04
13	1	20708312	Cover for vibrator (item no. 3)
14	2		Washer A 6.4 DIN 6798 zinc-plated
15	2		Cylindrical screw with hexagon socket M6 x 30 DIN 912 zinc-pl.
16	2		Cylindrical screw with hexagon socket M6 x 20 DIN 912 zinc-pl.
17	2		Washer A 6.4 DIN 6798 zinc-plated
18	1	20708310	Bearing plate for vibrator
19	1	20708316	O-ring for bearing plate for vibrator
20	1	20708317	No longer available, replacement 00001775
21	1	00001775	Filling compound silicone rubber 1 kg
22	1	20708300	Middle part for vibrator type SR 22 with winding
23	1	20708310	Bearing plate for vibrator
24	1	20708316	O-ring for bearing plate for vibrator
25	2		Washer A 6.4 DIN 6798 zinc-plated
26	2		Cylindrical screw with hexagon socket M6 x 20 DIN 912 zinc-pl.
27	2		Washer A 6.4 DIN 6798 zinc-plated
28	2		Cylindrical screw with hexagon socket M6 x 30 DIN 912 zinc-pl.
29	1	20708312	Cover for vibrator (item no. 3)
30	1	00010139	Vibrator SR22 230 V 50 Hz single phase

**Spare parts drawing for vibrator SR 22 400 V 50 Hz**

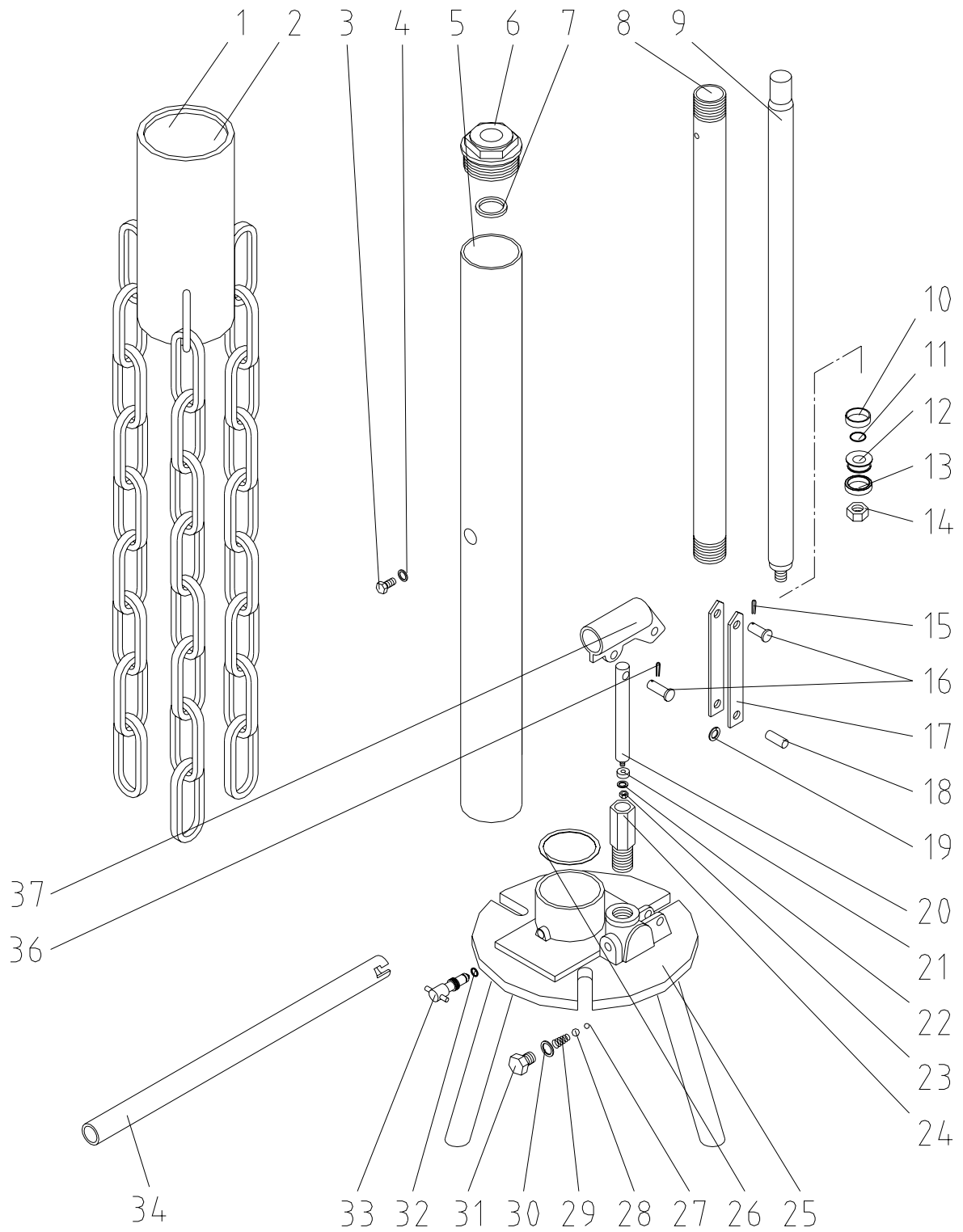
**Spare parts list for vibrator SR 22 400 V 50 Hz**

Pos.	Qty.	Item no.	Description
1	1	20708314	Flyweight for vibrator
2	1	20708315	No longer available, replacement 20 13 65 04
3	1	20708311	Cover for motor connection box for vibrator
4	1	20708313	Rotor with shaft for vibrator (item no. 5)
5	4		Washer A 4.3 DIN 125 zinc-pl.
6	4		Washer A4.3 DIN 6798 zinc-plated
7	4	20207818	Hex. screw M4 x 16 DIN 933 galv.
8	1	20708315	No longer available, replacement 20 13 65 04
9	1	20708314	Flyweight for vibrator
10	1	20424134	Motor connection cable 8.0m CEE plug 4 x 16 A 6h red loop 5mm
11	1	20427900	Plug CEE 4 x 16 A 6h red no. 252
12	1	20708312	Cover for vibrator (item no. 3)
13	2		Washer A 6.4 DIN 6798 zinc-plated
14	2		Cylindrical screw with hexagon socket M6 x 30 DIN 912 zinc-pl.
15	2		Cylindrical screw with hexagon socket M6 x 20 DIN 912 zinc-pl.
16	2		Washer A 6.4 DIN 6798 zinc-plated
17	1	20708310	Bearing plate for vibrator
18	1	20708316	O-ring for bearing plate for vibrator
19	1	20708317	No longer available, replacement 00001775
20	1	00001775	Filling compound silicone rubber 1 kg
21	1	00007404	Metal screw connection PG 13.5 with tensile relief
22	1	20708300	Middle Part for vibrator type SR 22 with winding
23	1	20708310	Bearing plate for vibrator
24	1	20708316	O-ring for bearing plate for vibrator
25	2		Washer A 6.4 DIN 6798 zinc-plated
26	2		Cylindrical screw with hexagon socket M6 x 20 DIN 912 zinc-pl.
27	2		Washer A6.4 DIN 6798 zinc-plated
28	2		Cylindrical screw with hexagon socket M6 x 30 DIN 912 zinc-pl.
29	1	20708312	Cover for vibrator (item no. 3)
30	1	20708000	Vibrator SR22 400 V 50 Hz
	1	00020359	External vibrator SR22 400 V 50 Hz RAL9001

**Spare parts drawing for floor screed levelling pin**

**Spare parts list for floor screed levelling pin**

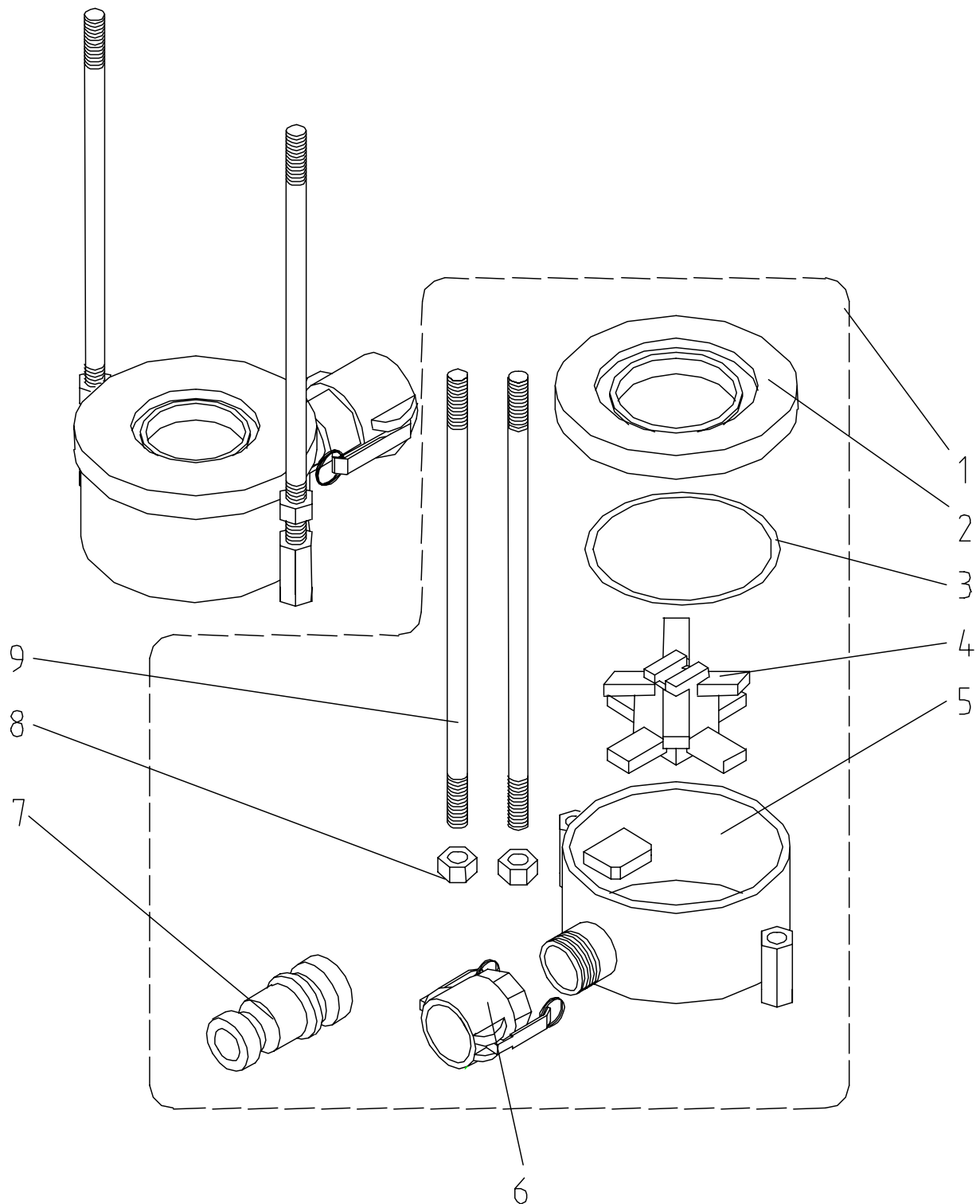
Pos.	Qty.	Item no.	Description
1	1		Upper hose coil holder
2	1		Upper base device with upper hose coil holder
3	1	20230000	Tripod for floor screed
4	1	20230120	Scale for floor screed levelling pin
5	1	20230123	Glass scale for floor screed levelling pin
6	1	20230121	Measuring tube for floor screed levelling pin
7	1	20230140	Compensation container for floor screed levelling pin
8	3		Sleeve nut M4 x 20
9	3		Fillister head screw M4 x 10 DIN 964
10	1		Upper angled cover plate
11	1	20230190	Plastic bar (item no. 15)
12	1	20230126	Guide piece levelling button
13	1		Lower cover plate
14	1	20230180	Self closing valve (item no. 11)
15	2		Fillister head screw M4 x 6 DIN 964
16	1	00012617	Aluminium clamping plate M6 for levelling pin
17	1	20230122	Locking screw (item 12)
18	1	20230150	Stop valve (hose) for levelling pin
19	1	00012616	Hose screw joint M10 external thread 8mm socket
20	1	20202620	Hose clip 13-15
21	1	20230122	Locking screw (item 12)
22	1	20230124	Movable head for floor screed levelling pin
23	1	20230160	Measuring hose 20 m for floor screed levelling pin
24	1	20230200	Metal case for floor screed levelling pin
25	1	20230131	Stick for levelling pin
26	1	20230130	Prolongation for stick 10mm for floor screed levelling pin
27	1	20230500	Plug-in stand for ceiling levelling max. overall height 3 m
28	1	20230300	Red liquid for floor screed levelling pin 1/2 l
29	1	00039339	Measuring liquid 1/4l levelling button
30	1		Cast base with fixing screw for stand base pipe
31	1		Stand base pipe with lower hose coil, protective cap for measurement scale
32	1	20230160	Measuring hose 20 m for floor screed levelling pin
33	1		Set screw, bottom or top, with plastic handle
34	1		Stand, intermediate pipe
35	1	20215350	Tap 1/4" ext. thread with crimped connection 7 x 2 mm
36	1	20230110	Container for red liquid for floor screed levelling pin
37	1	20215300	Tap 1/4" ext. thread with socket 10 mm

**Spare parts drawing for Rotorboy**



**Spare parts list for Rotorboy**

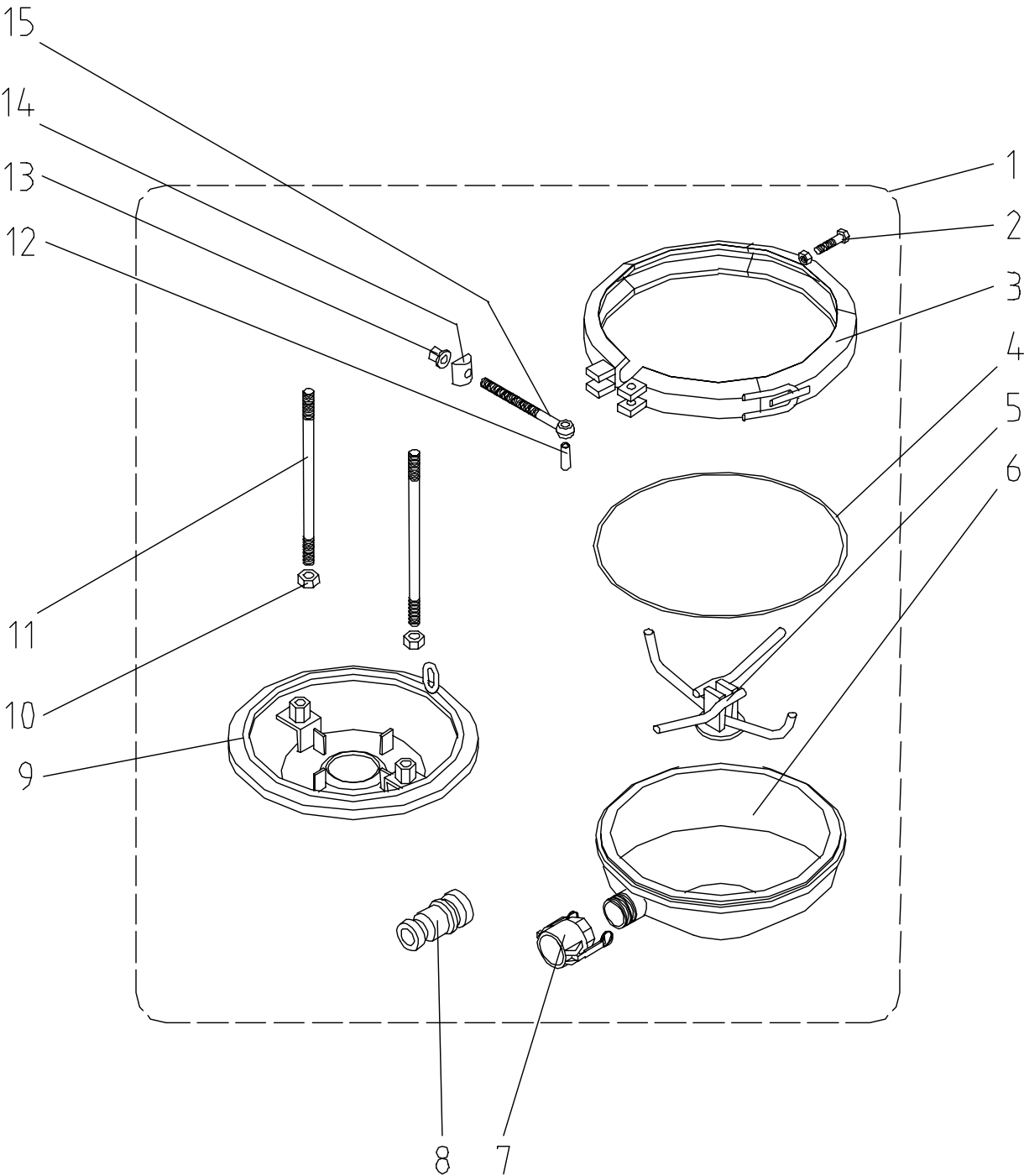
Pos.	Qty.	Item no.	Description
1	1	20227530	D pump sleeve with 3 chains for Rotorboy
2	1	20227520	Adapter with chains for R-pumps for Rotorboy
3	1		Filling stopper
4	1		Gasket *
5	1		External cladding
6	1	20227555	Cap for Rotorboy
7	1		Sealing ring *
8	1	20227552	Cylinder for Rotorboy
9	1	20227563	Plunger for Rotorboy
10	1	20227554	NO LONGER AVAILABLE, REPLACEMENT 20 22 75 10
11	1	20227568	O-ring 10 x 1 DIN 3771-NBR 70
12	1		Piston cup*
13	1	20227567	Pump cup
14	1	20206399	Hex. nut M10 DIN 934 galv.
15	1		Splint *
16	1	20227559	Beam link pin
17	2	20227562	Hook Rotorboy (item 31)
18	1		Pin *
19	1		Washer *
20	1	20227557	Pump plunger for Rotorboy
21	1		Piston cup*
22	1		Gasket *
23	1		Nut *
24	1	20227561	Pump cylinder for Rotorboy
25	1		Frame
26	1	20227566	Sealing ring Cu A48 x 55 x 2 DIN 7603
27	1		5/16" ball *
28	1		7/32" ball *
29	1		Pressure spring *
30	1		Sealing ring *
31	1	20227550	Valve plug for rotor boy
32	1		O-ring *
33	1	20227551	Release valve spindle
34	1	20227565	Handle for Rotorboy
36	1		Splint *
37	1	20227558	Handle beam for plunger
	1	20227510	Repair kit Rotorboy
			All items with * are included in the gasket set

**Spare parts drawing for Rotomix**

**Spare parts list for Rotomix**

Pos.	Qty.	Item no.	Description
1	1	20118050	ROTOMIX for R-pumps cpl. with coupling 35 female and coupling reduction 35/25 male ID 24
2	1	20118143	Cover ROTOMIX for R-pumps (o-ring) RAL9010
3	1	20118142	O-ring 138 x 6 DIN 3771-NBR 70
4	1	20118192	Impeller for ROTOMIX
5	1	20118191	Casing for ROTOMIX with welded nuts RAL2004
6	1	20200790	Coupling 35 female 1 1/4" int. thread with gasket
7	1	20200330	Coupling reduction 35/25 male ID 24
8	2	20209920	Hex. nut M16 DIN 934 galv.
9	1	20118193	Tie rods M16 x 390 mm ROTOMIX (1 set = 2 pieces)

Spare parts drawing for ROTOQUIRL



**Spare parts list for ROTOQUIRL**

Pos.	Qty.	Item no.	Description
1	1	20118400	ROTOQUIRL II cpl. (coupling ID34)
2	1	20209940	Hex. screw M10 x 50 DIN 933 galv.
3	1	20118405	Locking ring for ROTOQUIRL
4	1	20118409	O-ring for ROTOQUIRL-lid
5	1	20118402	Impeller for ROTOQUIRL II
6	1	20118408	Casing for ROTOQUIRL II
7	1	20200790	Coupling 35 female 1 1/4" int. thread with gasket
8	1	20200330	Coupling reduction 35/25 male ID 24
9	1	20118403	Cover ROTOQUIRL
10	2	20209920	Hex. nut M16 DIN 934 galv.
11	1	20118404	Tie rods M16 x 280 mm (1 set = 2 pieces)
12	1	20208521	Dowel pin 12 x 40 DIN 1481
13	1	20118414	Collar nut M12 DIN 6331 galv.
14	1	20118415	Key lock
15	1	20208410	Eyescrew M12 x 150 DIN 444 galv.