

WEDA S50/60 ESF

Spare Parts List Portable Dewatering Pump

WEDA S50/60N ESF s/n ESF116159 -



General information

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability. Any unauthorized use or copying of the contents or any part thereof is prohibited. This applies in particular to trademarks, model denominations, part numbers, and drawings.

Instructions for use

This spare parts list contains no safety regulations and is merely intended to assist in the ordering of spare parts.

For information about operating, servicing, or repairing, the relevant Safety and operating instructions must be consulted at all costs.

Please observe the safety instructions listed in the relevant Safety and operating instructions!

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Kits and consumables - W S50N

Kits and consumables			Change Interval / Quantity	
			6 Months/ 2000 hours	When Needed
Service and repair kits	1	Zinc anode kit		1
	2	O-ring kit		1
	3	Float switch kit (CSA)		1
Seal unit kits	4	Seal unit kit	1	
	5	Oil can 1 Lite/0.26 Gallon	1 Lite/0.26 Gallon	
Wear part kit	6	Wear parts kit W S50 60Hz		1

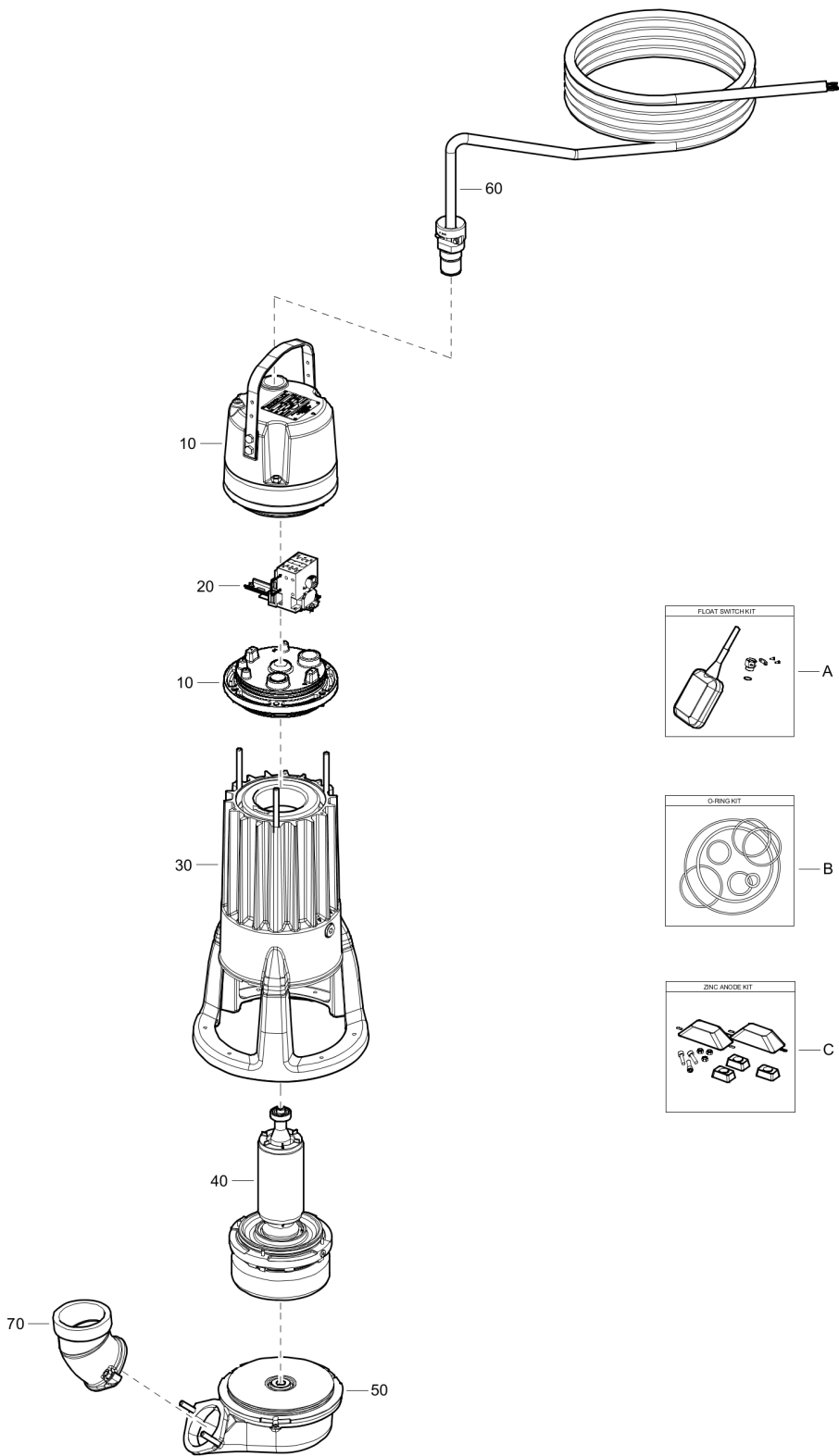
Item	Part No.	Name	Qty	L
1	3081690610	Zinc anode kit	1	
2	3081690611	O-ring kit	1	
3	3081690558	Float switch kit (CSA)	1	
4	3081690198	Seal unit	1	
5	1636302422	Oil can 1 Liter/0.26 Gallon	2	
6	3081690682	Wear parts kit S50N 60Hz	1	

Kits and consumables - W S60N

Kits and consumables			Change Interval / Quantity	
			6 Months/ 2000 hours	When Needed
Service and repair kits	1	Zinc anode kit		1
	2	O-ring kit		1
	3	Float switch kit (CSA)		1
Seal unit kits	4	Seal unit kit	1 Lite/0.26 Gallon	
	5	Oil can 1 Lite/0.26 Gallon		
Wear part kit	6	Wear parts kit WEDA S60 60Hz		1

Item	Part No.	Name	Qty	L
1	3081690610	Zinc anode kit	1	
2	3081690611	O-ring kit	1	
3	3081690558	Float switch kit (CSA)	1	
4	3081690198	Seal unit	1	
5	1636302422	Oil can 1 Liter/0.26 Gallon	2	
6	3081690608	Wear parts kit W S60 + 60 Hz	1	

Overview units

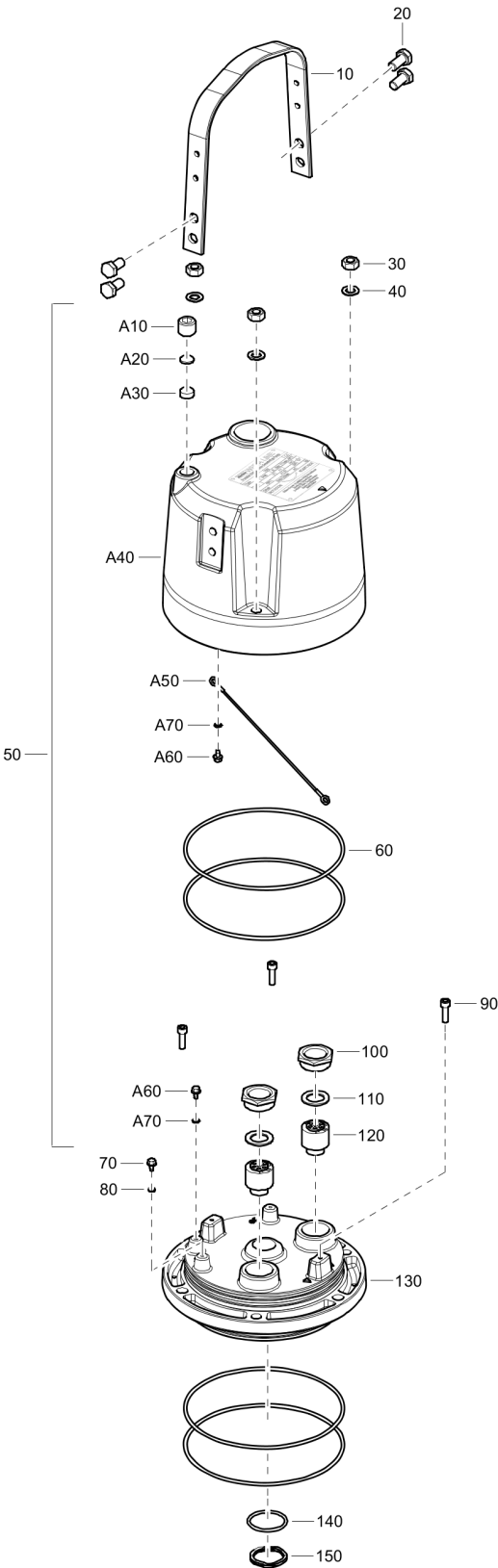


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Item	Part No.	Name	Qty	L
10	-	Top housing unit	1	
20	-	Starter unit	1	
30	-	Motor unit	1	
40	-	Shaft unit	1	
50	-	Wet end unit	1	
60	-	Cable unit	1	
70	-	Discharge unit	1	
A	-	Float switch unit	1	
B	-	O-ring unit	1	
C	-	Zinc anode unit	1	

Top housing unit

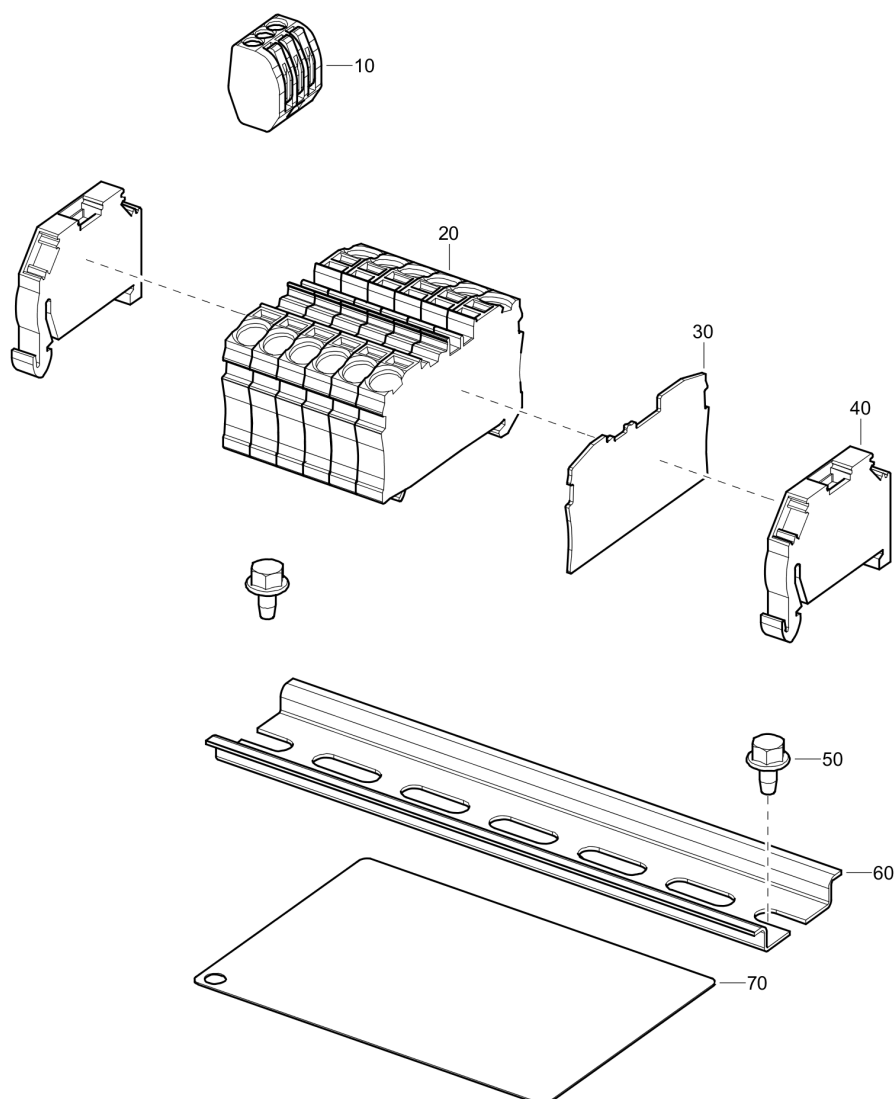


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Item	Part No.	Name	Qty	L
10	3081601345	Handle	1	
20	0147196465	Screw DIN 933	4	
30	5541062500	Nut DIN 934	3	
40	4700W51170	Washer DIN433-10,5-140HV-A2	3	
50	3081690580	Top cover kit	1	
A10	470W214828	Pipe plug DIN906 3/8" L=10mm	1	
A20	470W214829	Gasket (rubber)	1	
A30	470W214833	Washer	1	
A40	3081601259	Top cover	1	
A50	1605274900	Cable Gn/Ye CPL	1	
A60	1636000871	Screw	2	
A70	4700W58956	Washer DIN127-A4-ISO:A2	2	
60	3081601352	O-ring 164.69x3.53-NBR 70 shore	4	
70	470W209902	Screw DIN7500-DM4x8-ST-A2K	1	
80	4700W58956	Washer DIN127-A4-ISO:A2	1	
90	4700W75659	Screw DIN 912 M6x25 ISO A2-70	3	
100	470W294127	Screw fitting	2	
110	470W294126	Washer	2	
120	3081600501	Wire seal	2	
130	3081601264	Top bracket	1	
140	4700W65024	O-ring 39x3-NBR 70 shore	1	
150	3081600873	Wave spring	1	

Starter unit terminal board

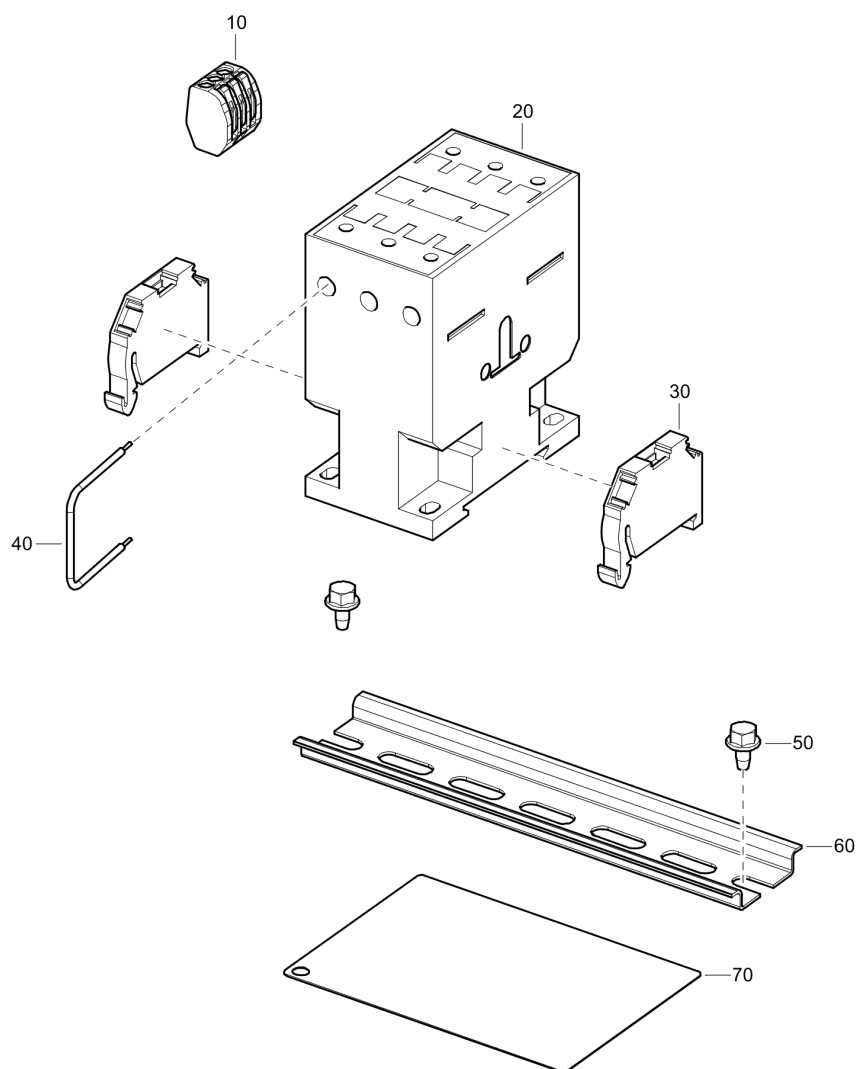


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Item	Part No.	Name	Qty	L
10	1088003138	Connector	1	
20	1633016332	Terminal push in	5	
30	1633016338	Terminal cap push in	1	
40	1089057782	Plate	2	
50	470W209902	Screw DIN7500-DM4x8-ST-A2K	2	
60	3081601354	Rail 35/7.5, 155MM	1	
70	3081600597	Wiring diagram 6-lead terminal board	1	

Starter unit contactor 220-240 60Hz

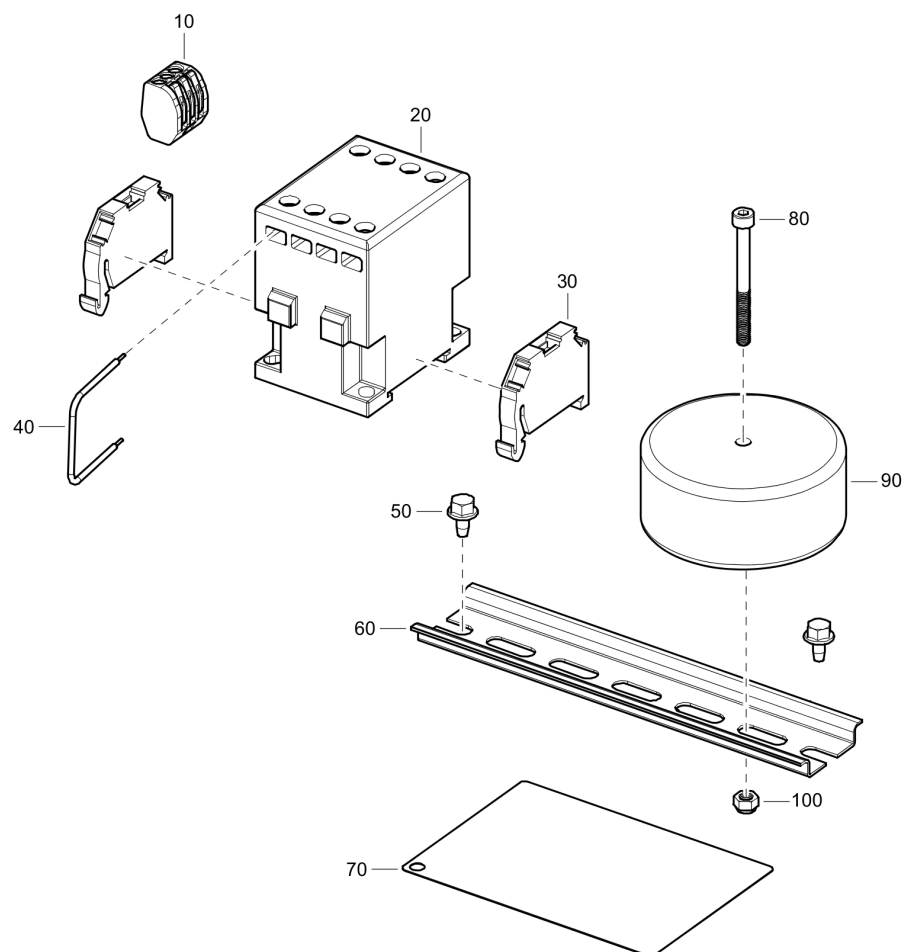


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Item	Part No.	Name	Qty	L
10	1088003138	Connector	1	
20	1089966926	Contactora 24A 500-550V 50Hz , 550-600V 60Hz	1	
30	1089057782	Plate	2	
40	470W743540	Wire CPL	1	
50	470W209902	Screw DIN7500-DM4x8-ST-A2K	2	
60	3081601354	Rail 35/7.5, 155MM	1	
70	3081600594	Wiring diagram 6-lead Y & D connection	1	

Starter unit contactor transformer 440-600V 60Hz

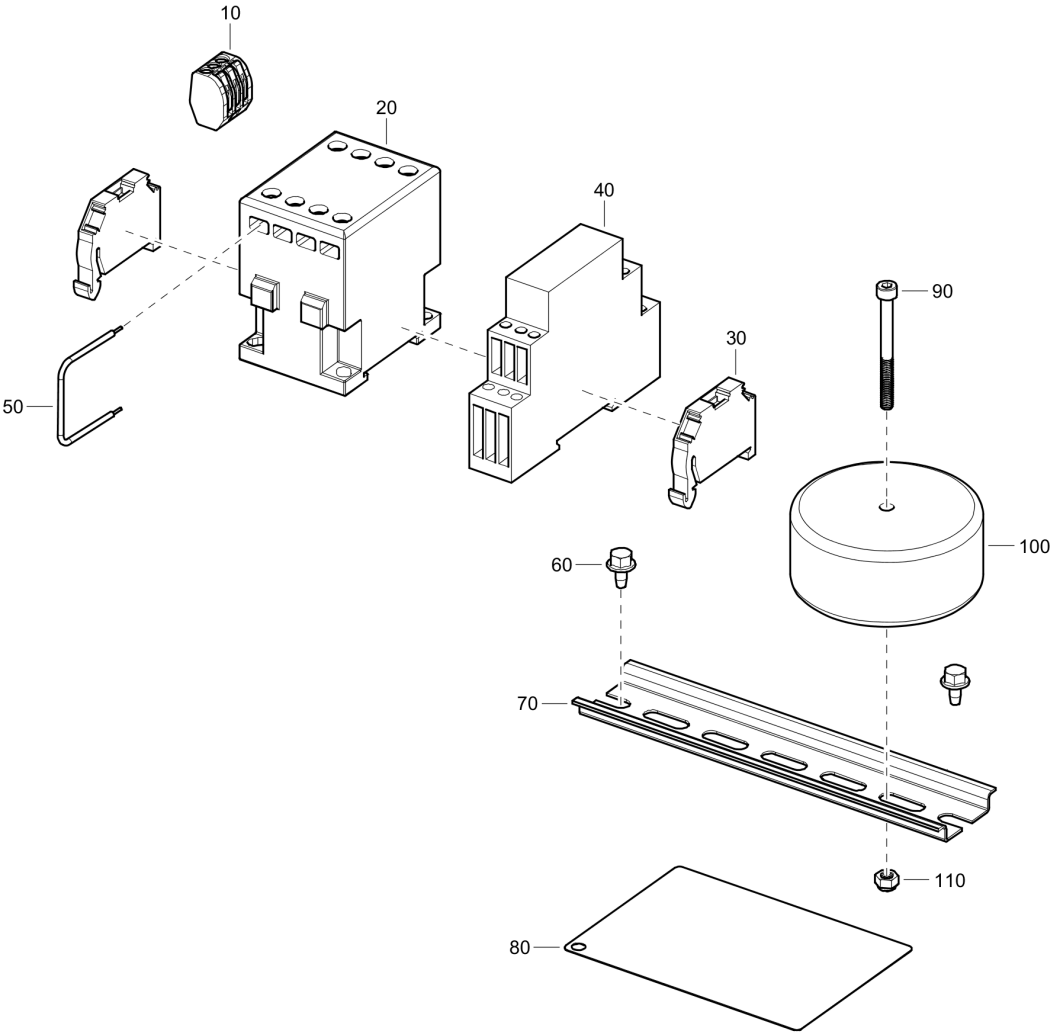


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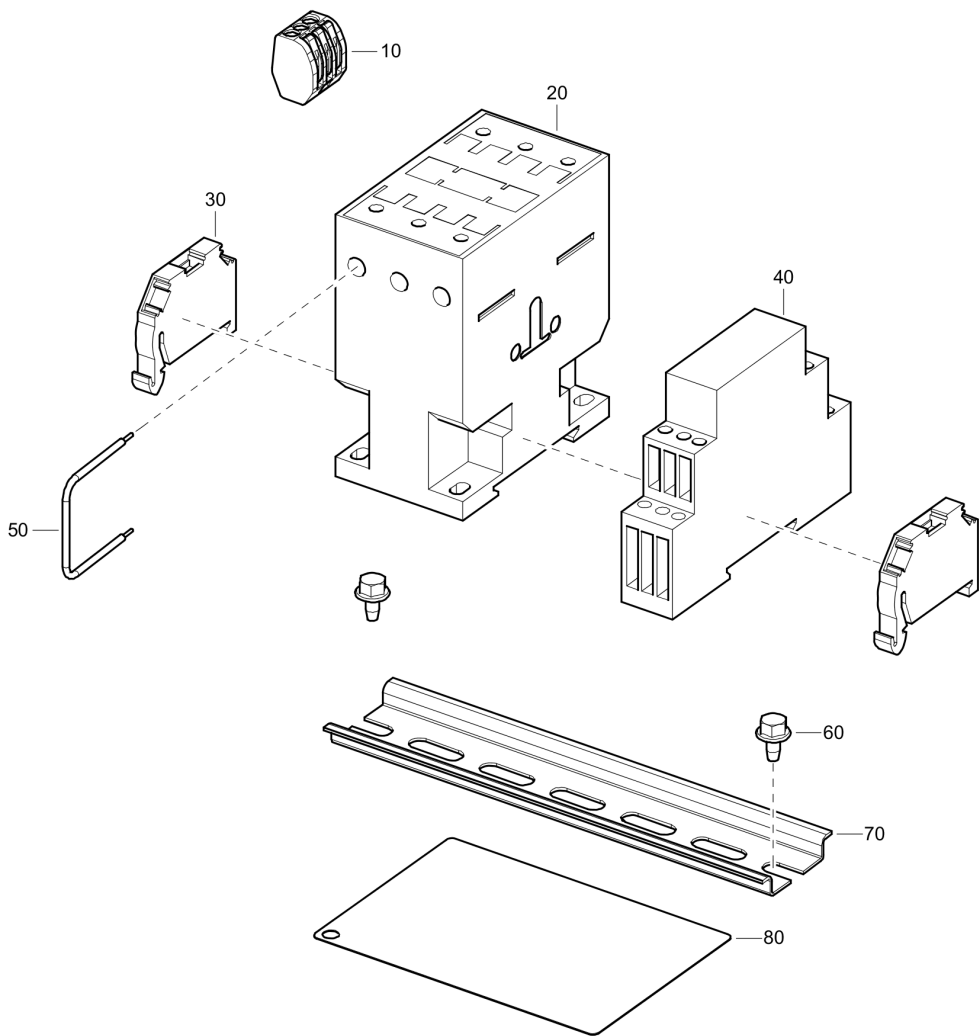
Item	Part No.	Name	Qty	L
10	1088003138	Connector	1	
20	3081600872	Contactora 22A 22-24V 50Hz , 24-27V 60Hz	1	
30	1089057782	Plate	2	
40	470W743540	Wire CPL	1	
50	470W209902	Screw DIN7500-DM4x8-ST-A2K	2	
60	3081601354	Rail 35/7.5, 155MM	1	
70	3081600594	Wiring diagram 6-lead Y & D connection	1	
80	3081600643	Screw DIN 912 M4x45 8.8 A2	1	
90	-	Toroid trafo 12VA/24V	-	
-	3081600819	Toroid trafo 12VA/24V 415/525V (50/60Hz)	1	
-	3081601533	Toroid trafo 12VA/24V 230/690V (50/60Hz)	1	
100	470W209785	Lock nut DIN 985 M4 A2	1	

Starter unit contactor transformer control relay



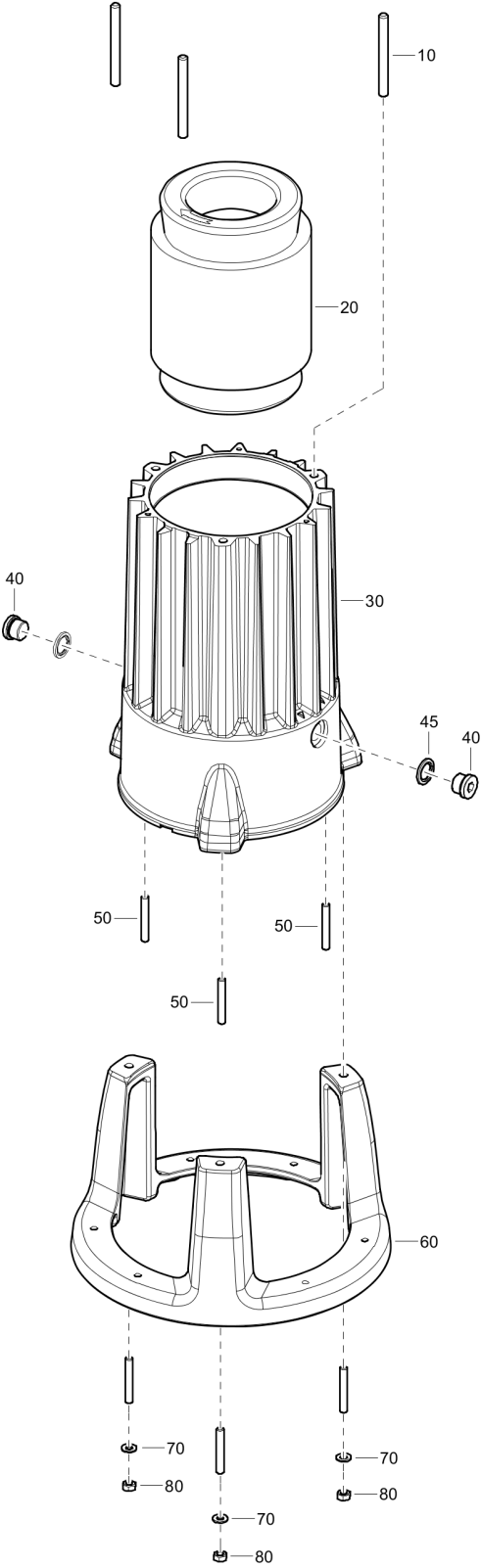
Item	Part No.	Name	Qty	L
10	1088003138	Connector	1	
20	3081600872	Contactor 22A 22-24V 50Hz , 24-27V 60Hz	1	
30	1089057782	Plate	2	
40	3081600644	Control relay	1	
50	470W743540	Wire CPL	1	
60	470W209902	Screw DIN7500-DM4x8-ST-A2K	2	
70	3081601354	Rail 35/7.5, 155MM	1	
80	-	Wiring diagram	-	
-	3081600595	Wiring diagram 9-lead Yser, Y// connection	1	
-	3081600594	Wiring diagram 6-lead Y & D connection	1	
90	3081600643	Screw DIN 912 M4x45 8.8 A2	1	
100	-	Toroid trafo 12VA/24V	-	
-	1605277700	Toroid trafo 12VA/24V 460/575V (50/60Hz)	1	
-	3081600819	Toroid trafo 12VA/24V 415/525V (50/60Hz)	1	
110	470W209785	Lock nut DIN 985 M4 A2	1	

Starter unit contactor control relay



Item	Part No.	Name	Qty	L
10	1088003138	Connector	1	
20	-	Contactora	-	
-	1089966922	Connector 40A 220-240V 50Hz, 230-264V 60Hz	1	
-	1089966915	Contactora 22A 380-415V 50Hz , 400-440V 60Hz	1	
-	3081600821	Contactora 22A 345-380V 50Hz , 380-415V 60Hz	1	
-	3081600818	Contactora 22A 415-440V 50Hz , 440-480V 60Hz	1	
-	3081600820	Contactora 40A 200-220V 50Hz, 220-240V 60Hz	1	
30	1089057782	Plate	2	
40	3081600644	Control relay	1	
50	470W743540	Wire CPL	1	
60	470W209902	Screw DIN7500-DM4x8-ST-A2K	2	
70	3081601354	Rail 35/7.5, 155MM	1	
80	-	Wiring diagram	-	
-	3081600594	Wiring diagram 6-lead Y & D connection	1	
-	3081600595	Wiring diagram 9-lead Yser, Y// connection	1	
-	3081600596	Wiring diagram 12-lead D//, Y//, DSer connection	1	

Motor unit W S50N

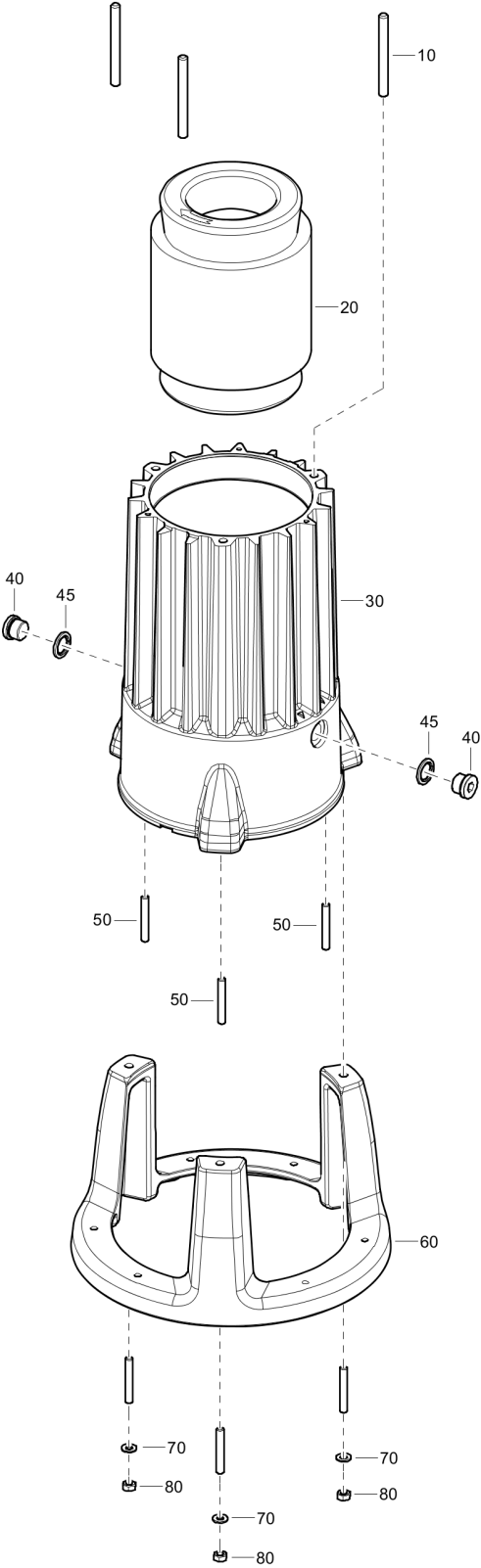


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Item	Part No.	Name	Qty	L
10	3081601348	Stud	3	
20	-	Stator	-	
-	3081601887	Stator 460VD 60Hz	1	
-	3081601890	Stator 460VYSER, 230VY// 60Hz	1	
-	3081601892	Stator W 500VD 50Hz ; 575VD 60Hz	1	
-	3081601894	Stator W 230VD,400VY 50Hz ; 460VY 60Hz	1	
-	3081601895	Stator W 230VD//,380VY//,460VDSER 60Hz	1	
30	3081601255	Housing 50S	1	
40	3081602101	Screw plug DIN 908-G1/2	2	
45	0661100027	Seal ring	2	
50	3081601347	Stud DIN976 M8X55 A2-70	6	
60	3081601269	Stand	1	
70	470W117390	Washer	3	
80	1633010652	Nut DIN 934	3	

Motor unit W S60N

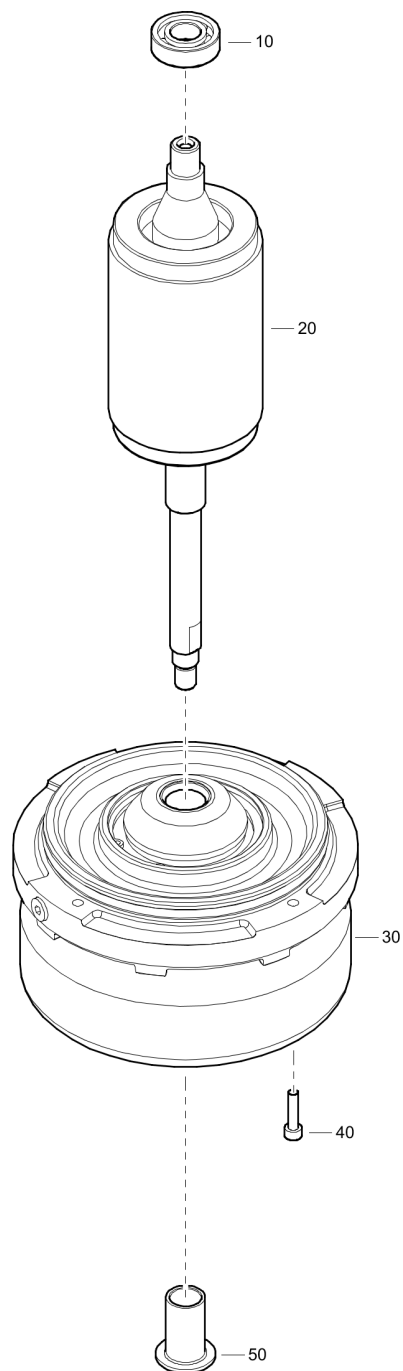


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Item	Part No.	Name	Qty	L
10	3081601348	Stud	3	
20	-	Stator	-	
-	3081600559	Stator D60/S60 400VD,690VY 50Hz , 460VD 60Hz	1	
-	3081600560	Stator D60/S60 230VD,380VY 60Hz	1	
-	3081600561	Stator D60/S60 415-440VD 50Hz	1	
-	3081600562	Stator D60/S60 460VYSer,230VY// 60Hz	1	
-	3081600563	Stator D60/S60 400VD, 690VY 60Hz	1	
-	3081600564	Stator D60/S60 500VD 50Hz , 575VD 60Hz	1	
-	3081600565	Stator D60/S60 525-550VD 50Hz	1	
-	3081600566	Stator D60/S60 230VD,400VY 50Hz , 460VY 60Hz	1	
-	3081600567	Stator D60/S60 230VD//,380VY//,460VDSer 60Hz	1	
30	3081601254	Housing S60	1	
40	3081602101	Screw plug DIN 908-G1/2	2	
45	0661100027	Seal ring	2	
50	3081601347	Stud DIN976 M8X55 A2-70	6	
60	3081601269	Stand	1	
70	470W117390	Washer	3	
80	1633010652	Nut DIN 934	3	

Shaft unit W 50

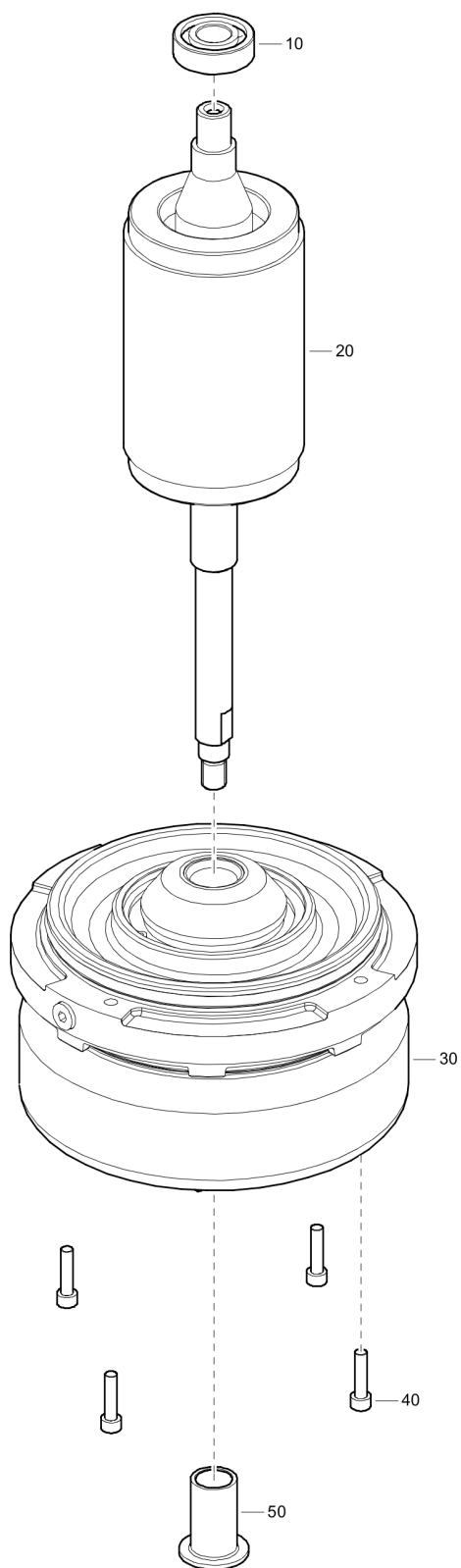


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Item	Part No.	Name	Qty	L
10	3081601487	Ball bearing	1	
20	3081600476	Rotor D50	1	
30	3081690334	Seal unit D/S 50/60	1	
40	4700W75659	Screw DIN 912 M6x25 ISO A2-70	4	
50	1605277200	Driving sleeve	1	

Shaft unit W 60N/H/S

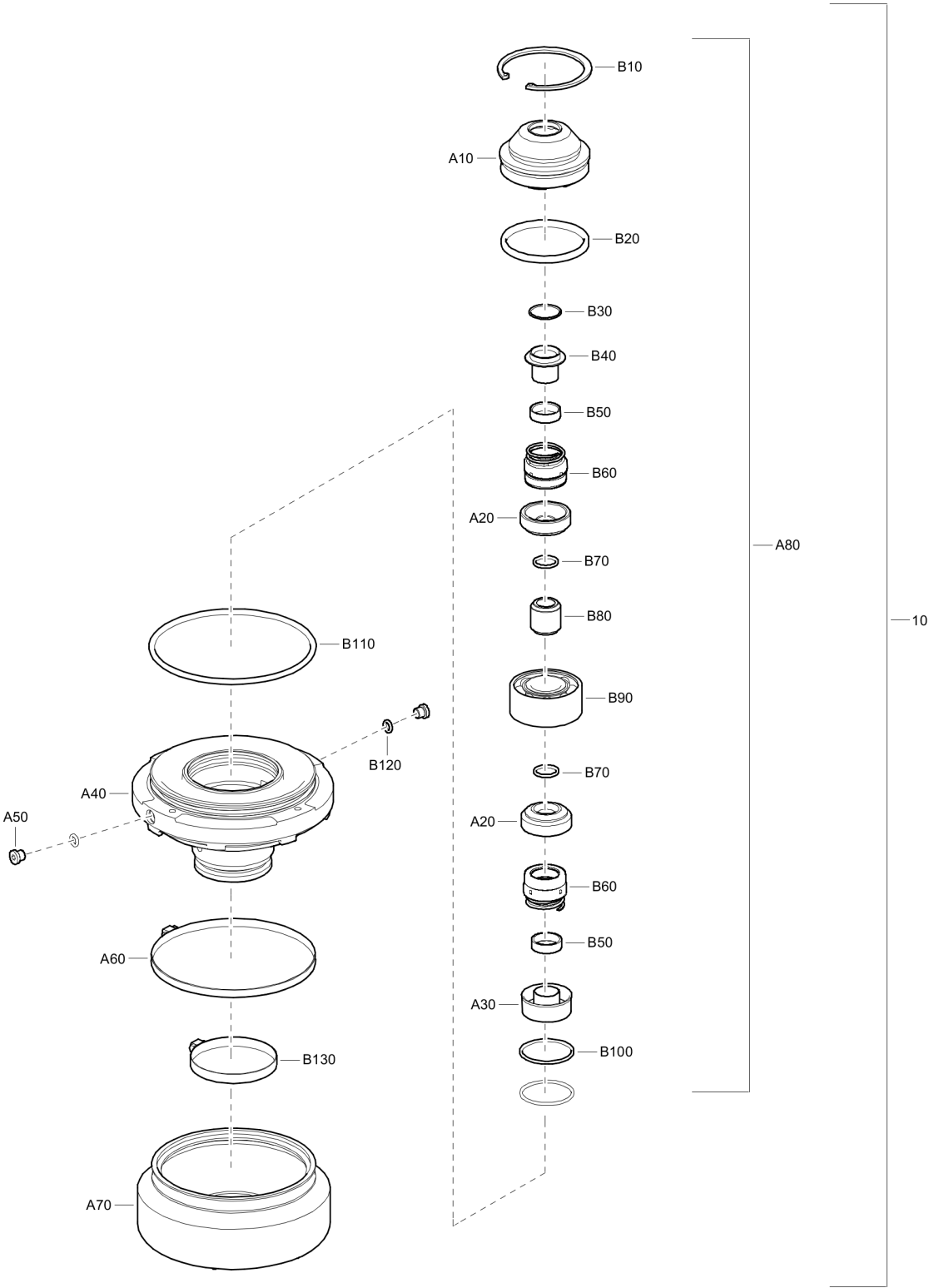


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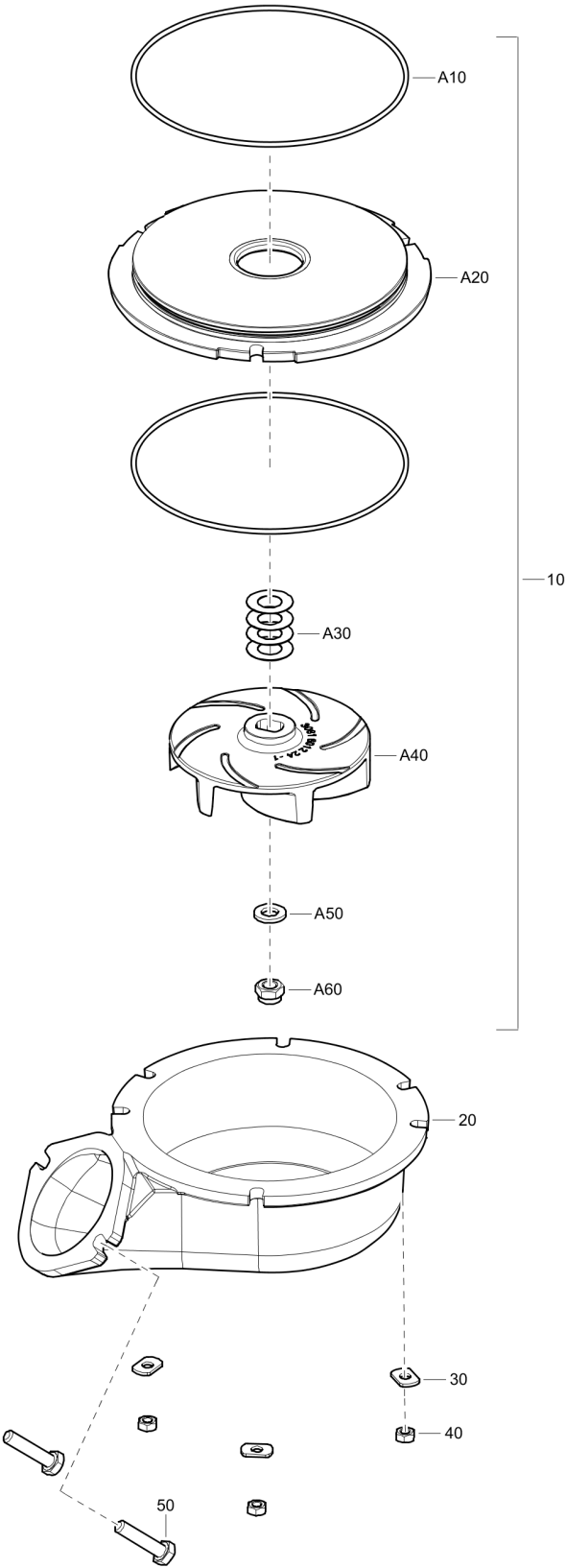
Item	Part No.	Name	Qty	L
10	3081601487	Ball bearing	1	
20	3081600500	Rotor D/S 60 N/H	1	
30	3081690334	Seal unit D/S 50/60	1	
40	4700W75659	Screw DIN 912 M6x25 ISO A2-70	4	
50	1605277200	Driving sleeve	1	

Repair kit seal unit W S50/60N



Item	Part No.	Name	Qty	L
10	3081690334	Seal unit D/S 50/60	1	
A10	470W253340	Seal cover	1	
A20	470W254031	Holder	2	
A30	470W743566	Seal holder	1	
A40	3081600474	Bearing bracket	1	
A50	470W254042	Screw plug DIN908 M10X1 A2	2	
A60	0347405231	Clamp D-161	1	
A70	470W253341	Oil bag	1	
A80	3081690253	Repair kit seal	1	
B10	4700W50671	Circlip DIN472-90X3	1	
B20	4700W65033	O-ring 74,2x5,7-NBR 70 shore	1	
B30	4700W65096	O-ring 29,1X1,6-NBR 70 shore	1	
B40	470W743567	Bushing	1	
B50	3081601070	Distance sleeve	2	
B60	3081601003	Lower seal	2	
B70	4700160003	O-ring 19,2X3-NBR 70 shore	2	
B80	3081600472	Bearing bushing	1	
B90	0504011021	Ball bearing	1	
B100	4700W65175	O-ring 48X3-NBR 70 shore	2	
B110	4700W65121	O-ring 154,3X5,7-NBR 70 shore	1	
B120	4700W65006	O-ring 8,3X2,4-NBR 70 shore	2	
B130	1633010212	Clamp DIN 3017-1:70-90/9mm	1	

Wet end unit W S50N

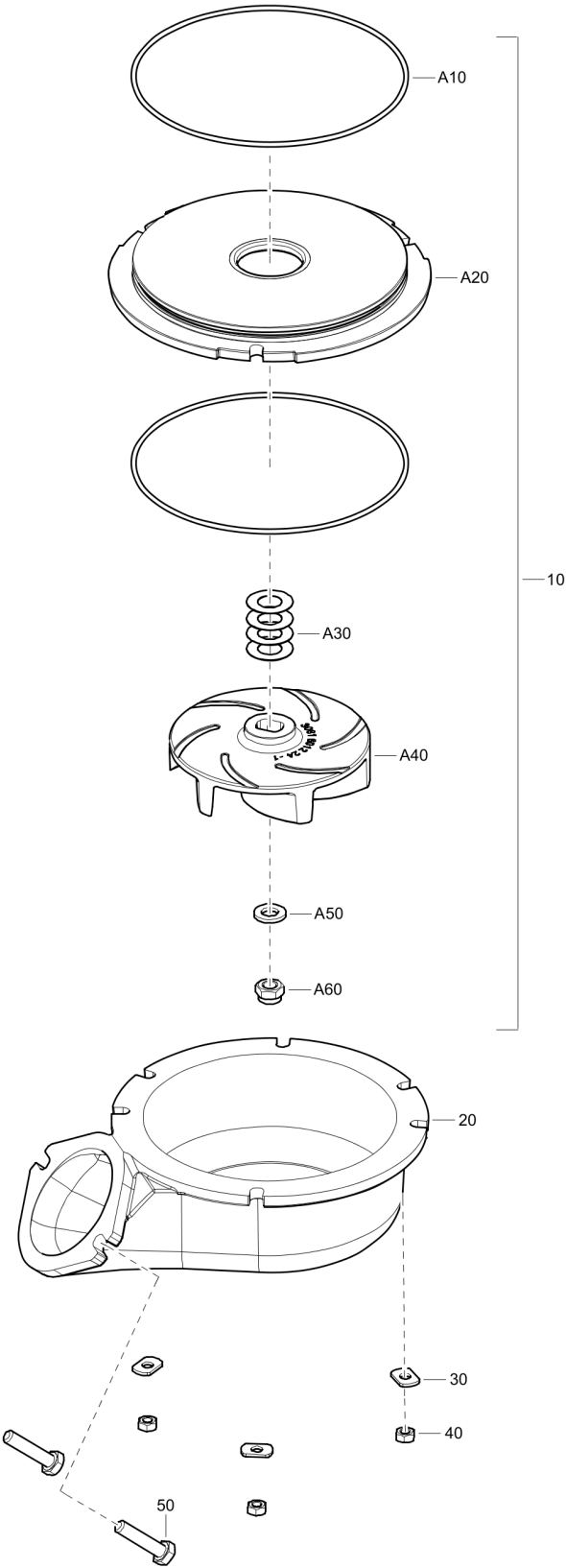


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Item	Part No.	Name	Qty	L
10	-	Wear parts kit S50N	-	
-	3081690456	Wear parts kit S50N 50Hz	1	
A10	3081602102	O-ring 196,44X3,52-NBR 70 shore	2	
A20	3081601215	Wear plate	1	
A30	470W254090	Trimming spacer	4	
A40	3081601244	Impeller S50N 50Hz	1	
A50	3081601353	Washer	1	
A60	1633010765	Lock nut DIN 985 M12 A2	1	
-	3081690682	Wear parts kit S50N 60Hz	1	
A10	3081602102	O-ring 196,44X3,52-NBR 70 shore	2	
A20	3081601215	Wear plate	1	
A30	470W254090	Trimming spacer	4	
A40	3081601809	Impeller S50N 60Hz	1	
A50	3081601353	Washer	1	
A60	1633010765	Lock nut DIN 985 M12 A2	1	
20	3081601209	Volute	1	
30	470W117390	Washer	3	
40	1633010652	Nut DIN 934	3	
50	1633010648	Screw DIN 933 M10X45 A2-70	2	

Wet end unit W S60N

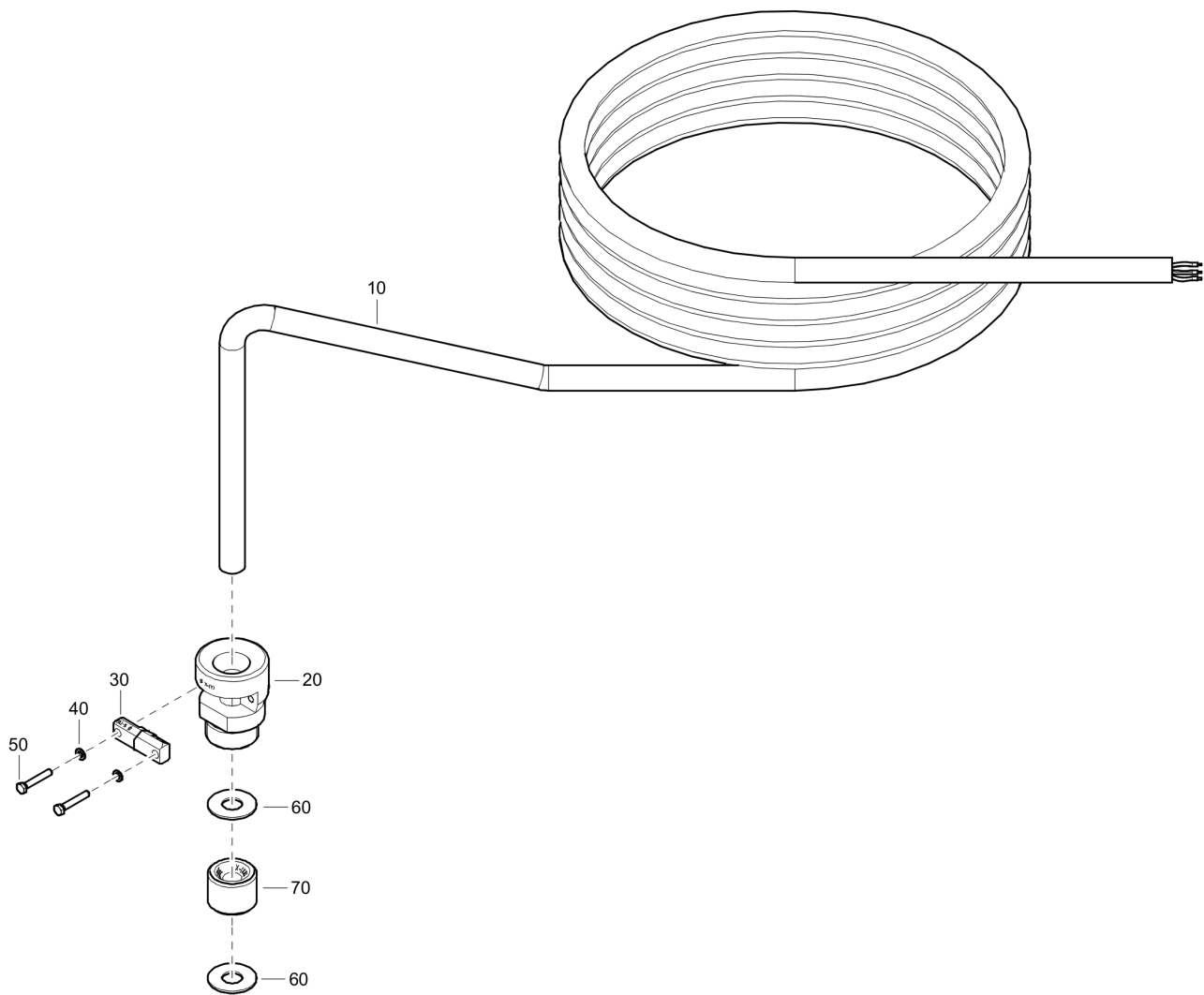


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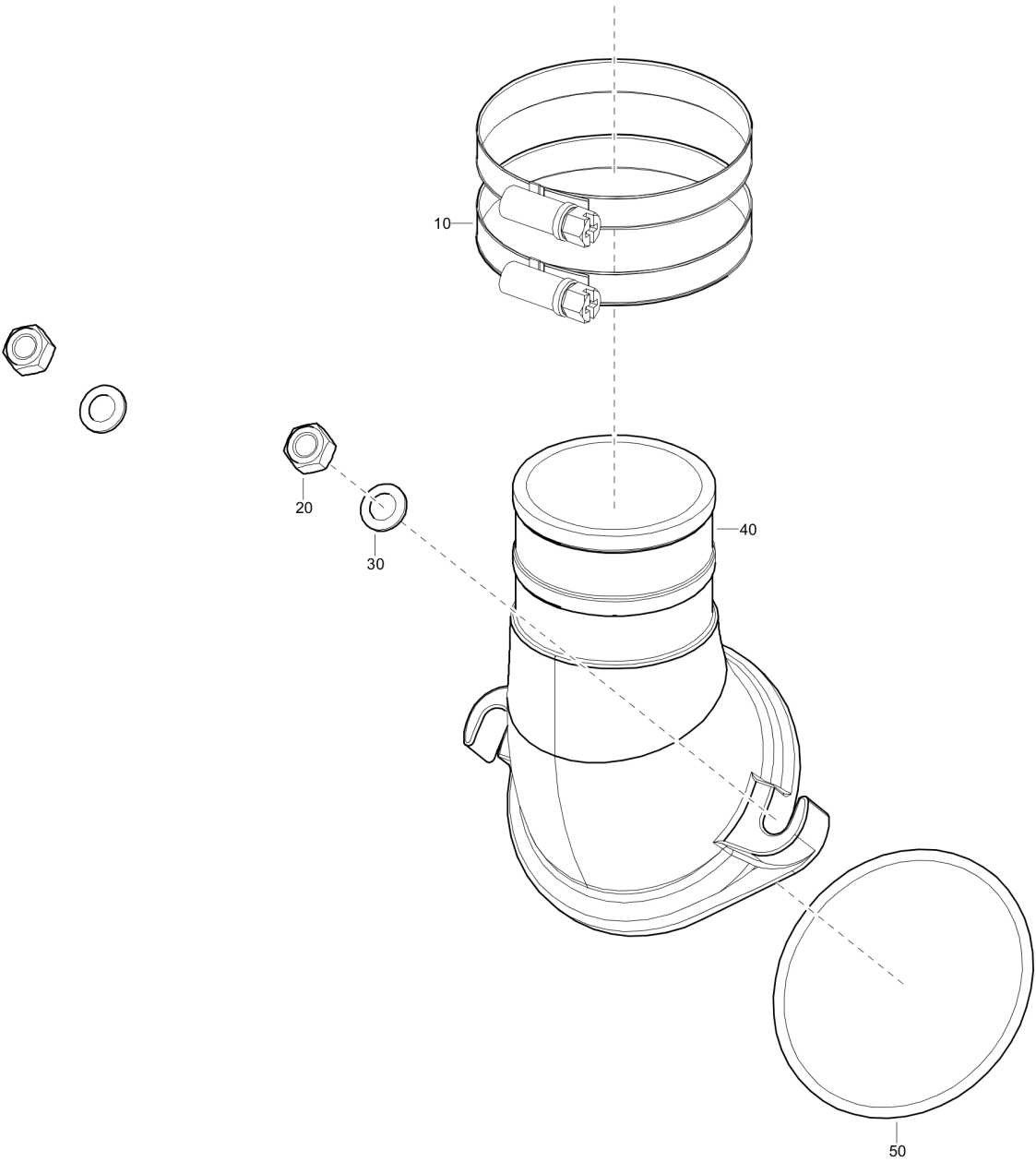
Item	Part No.	Name	Qty	L
10	-	Wear parts kit S60N	-	
-	3081690607	Wear parts kit S60 + 50 Hz	1	
A10	3081602102	O-ring 196,44X3,52-NBR 70 shore	2	
A20	3081601215	Wear plate	1	
A30	470W254090	Trimming spacer	4	
A40	3081601224	Impeller S60 50Hz	1	
A50	3081601353	Washer	1	
A60	1633010765	Lock nut DIN 985 M12 A2	1	
-	3081690608	Wear parts kit W S60 + 60 Hz	1	
A10	3081602102	O-ring 196,44X3,52-NBR 70 shore	2	
A20	3081601215	Wear plate	1	
A30	470W254090	Trimming spacer	4	
A40	3081601234	Impeller S60 60Hz	1	
A50	3081601353	Washer	1	
A60	1633010765	Lock nut DIN 985 M12 A2	1	
20	3081601209	Volute	1	
30	470W117390	Washer	3	
40	1633010652	Nut DIN 934	3	
50	1633010648	Screw DIN 933 M10X45 A2-70	2	

Cable unit



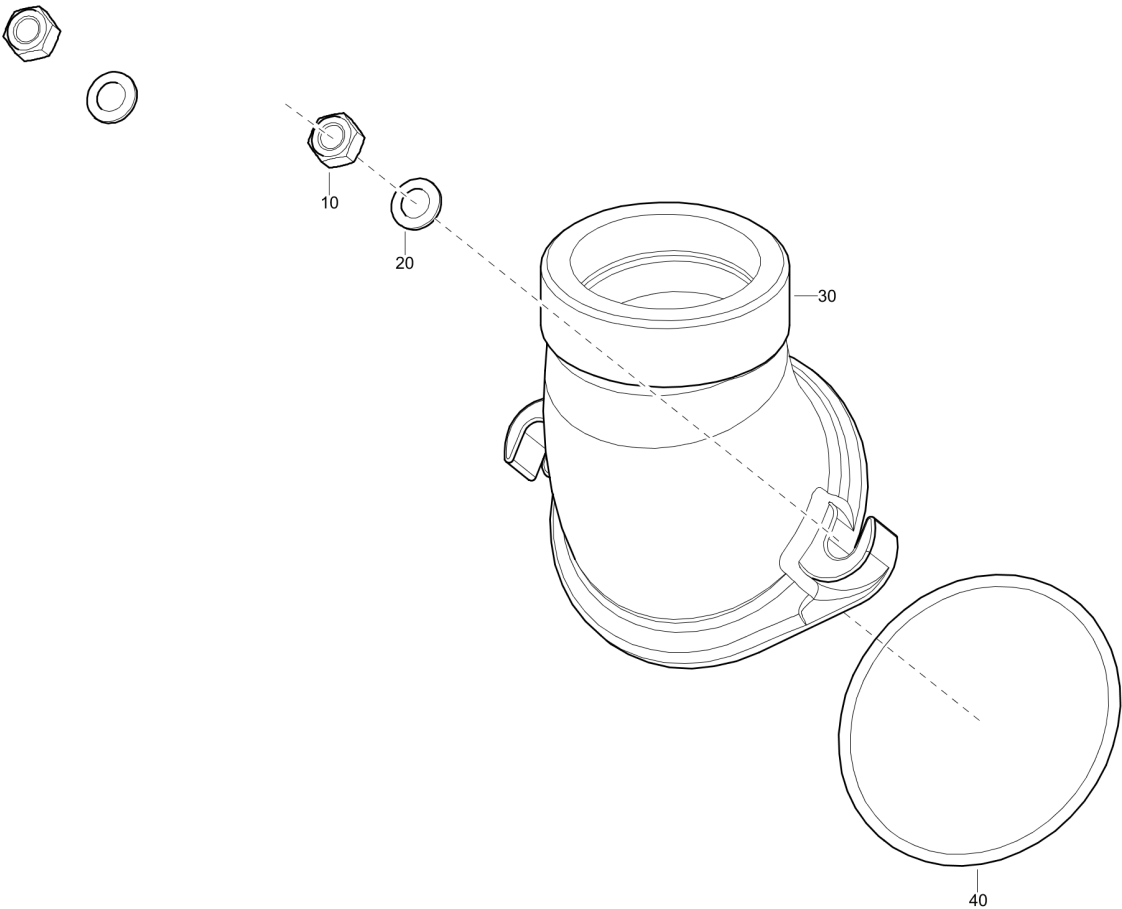
Item	Part No.	Name	Qty	L
10	-	Cable kit	1	
-	1603494200	Cable kit 4AWG10 20m Ø13,9-15,5 mm S50/60N 460V	1	
-	3081600646	Cable kit 4AWG12 20m Ø11,1-12,3 mm S50/60N 575-600V	1	
20	3081600576	Cable inlet G1 1/4" cable Ø12-(18) mm	1	
30	3081600579	Strain relief for cable Ø12-(16) mm	1	
40	-	Washer	-	
-	3081600586	Washer for cable Ø14-(16) mm	2	
-	3081600587	Washer for cable Ø16-(18) mm	2	
50	4700W76290	Screw DIN933-M6x30-ISO:A2-70	2	
60	0333210837	Lock washer	2	
70	-	Cable seal	-	
-	3081600520	Cable seal cable Ø14-(16) mm	1	
-	3081600521	Cable seal cable Ø16-(18) mm	1	

Discharge unit 4-3" hose



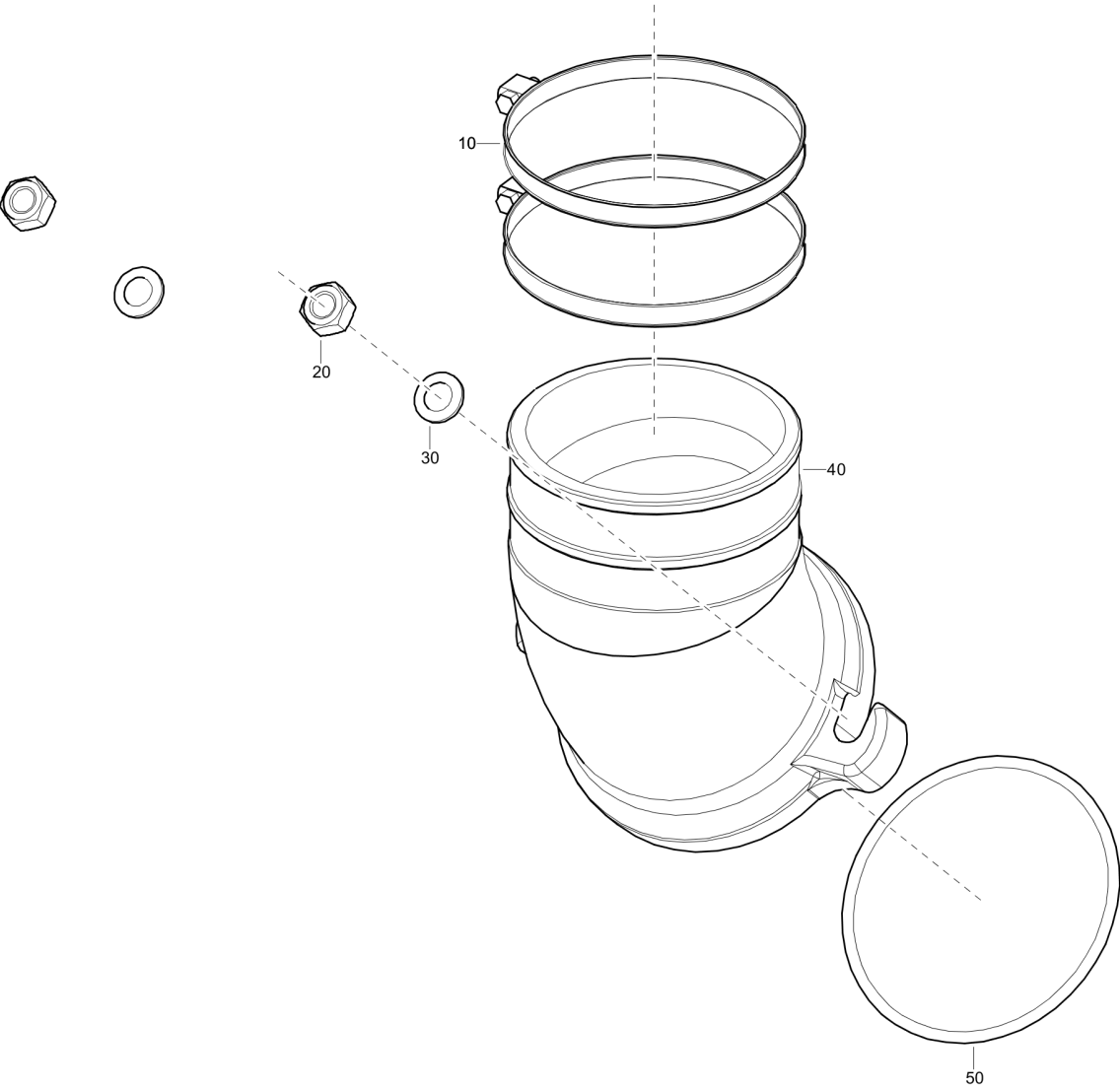
Item	Part No.	Name	Qty	L
10	0347611400	Hose clamp	2	
20	5541062500	Nut DIN 934	2	
30	4700W51170	Washer DIN433-10,5-140HV-A2	2	
40	470W202563	Discharge 3" hose	1	
50	0663212097	O-ring 95X4 NBR 70 shore	1	

Discharge unit 4-3" ISO-G/NPT



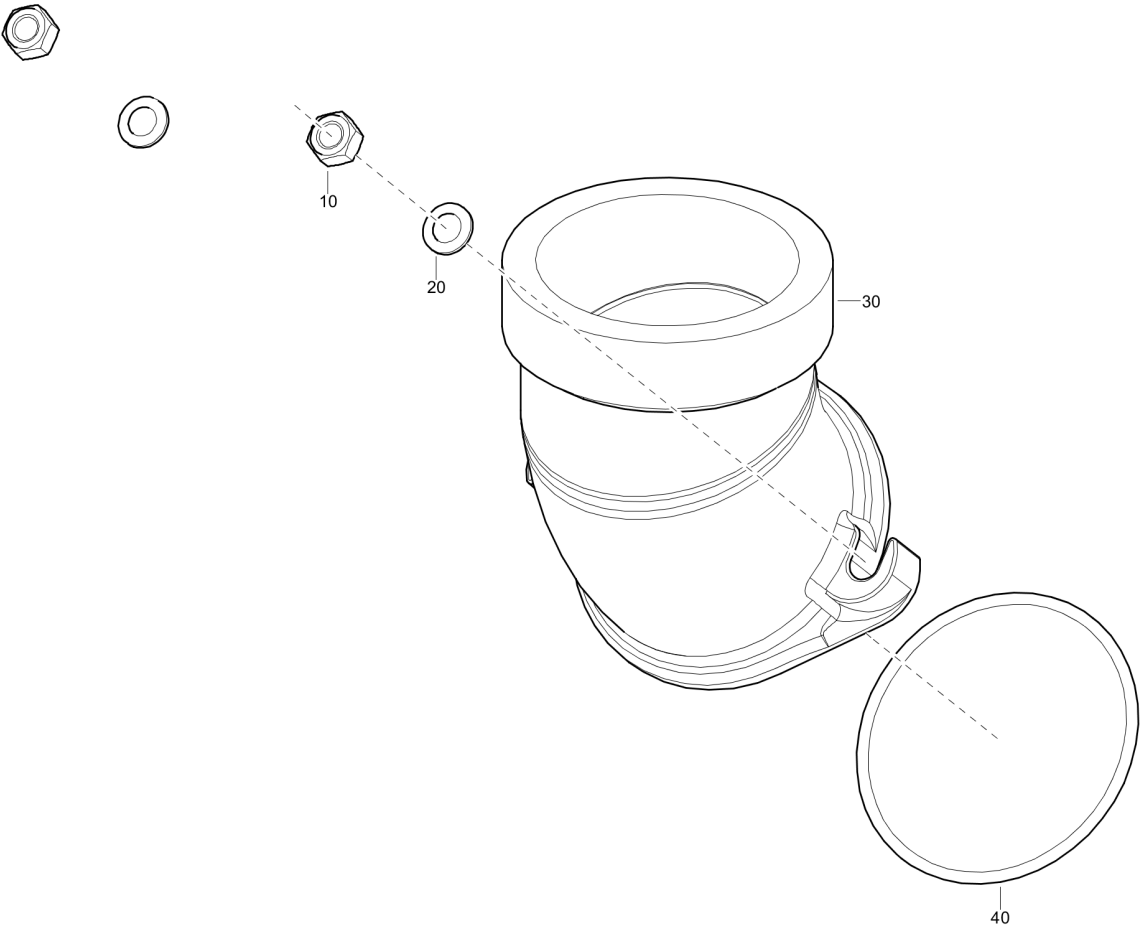
Item	Part No.	Name	Qty	L
10	5541062500	Nut DIN 934	2	
20	4700W51170	Washer DIN433-10,5-140HV-A2	2	
30	-	Discharge	-	
-	470W202483	Discharge ISO-G3"	1	
-	470W202571	Discharge 3" NPT	1	
40	0663212097	O-ring 95X4 NBR 70 shore	1	

Discharge unit 4-4" hose



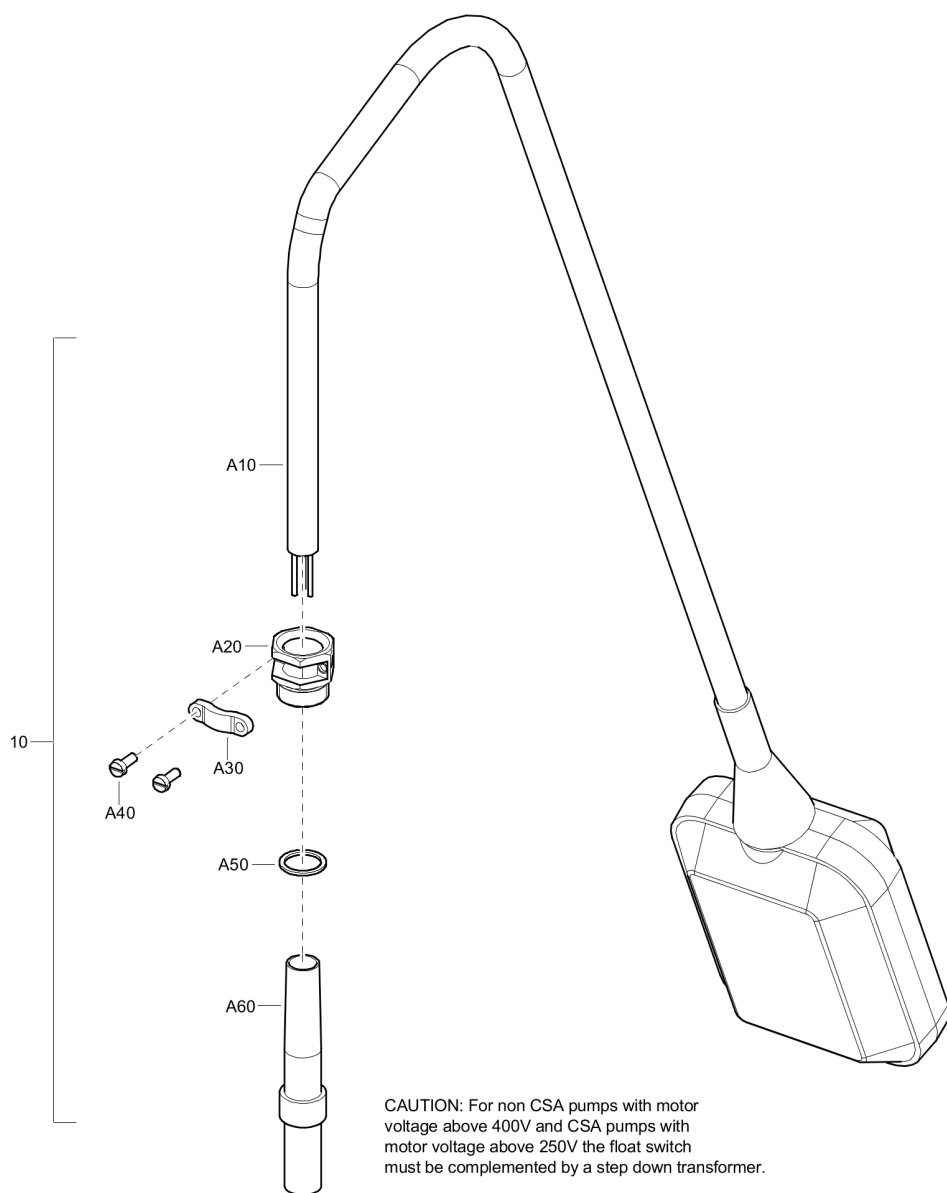
Item	Part No.	Name	Qty	L
10	4700W58023	Clamp	2	
20	5541062500	Nut DIN 934	2	
30	4700W51170	Washer DIN433-10,5-140HV-A2	2	
40	470W202565	Discharge 4" hose	1	
50	0663212097	O-ring 95X4 NBR 70 shore	1	

Discharge unit 4-4" ISO-G/NPT



Item	Part No.	Name	Qty	L
10	5541062500	Nut DIN 934	2	
20	4700W51170	Washer DIN433-10,5-140HV-A2	2	
30	-	Discharge	-	
-	470W202481	Discharge ISO-G4	-	
-	470W202573	Discharge 4" NPT	1	
40	0663212097	O-ring 95X4 NBR 70 shore	1	

Float switch

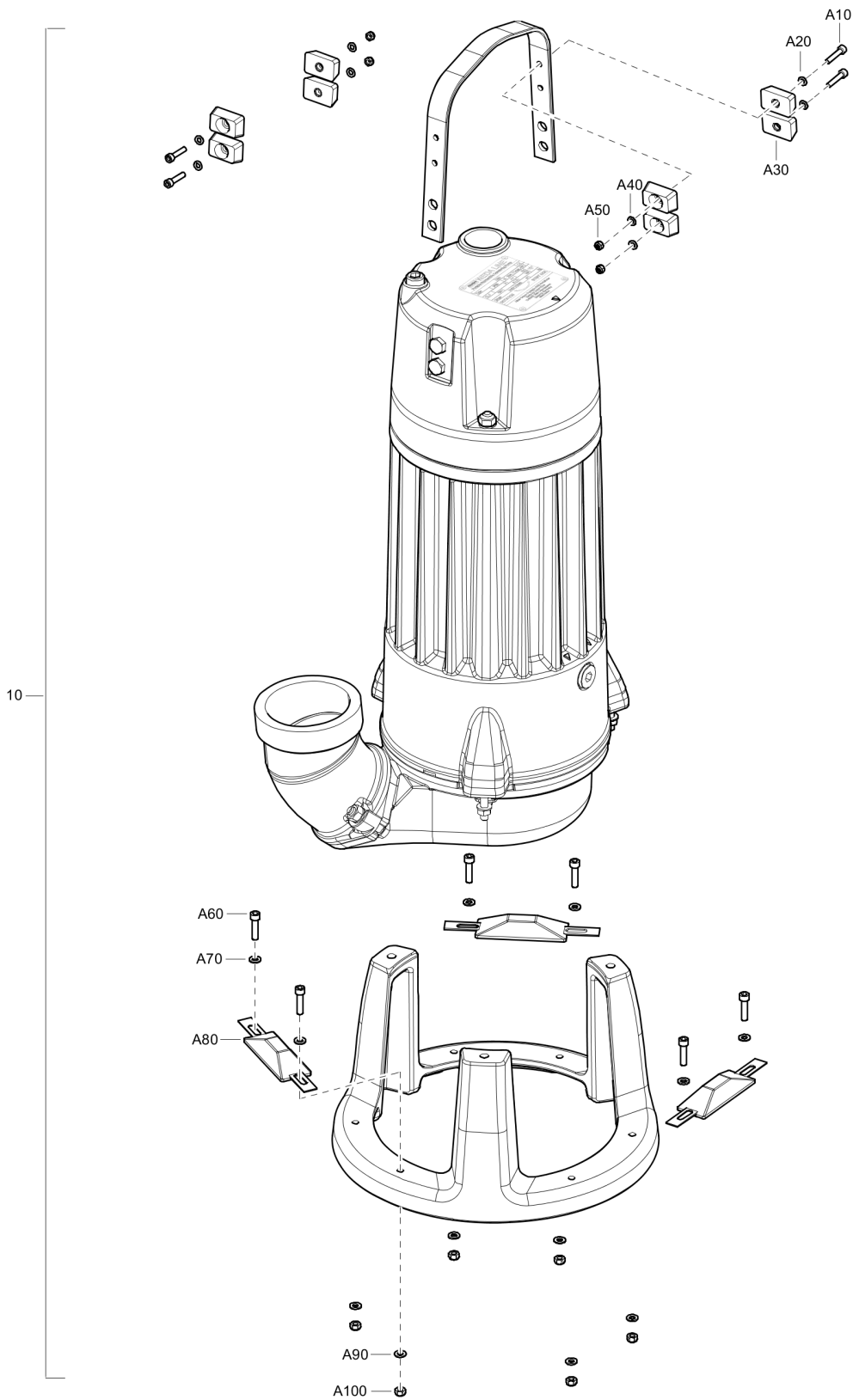


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Item	Part No.	Name	Qty	L
10	3081690558	Float switch kit (CSA)	1	
A10	3081602076	Float switch (CSA)	1	
A20	470W214823	Cable inlet	1	
A30	470W214824	Cable keep	1	
A40	1633010809	Screw DIN 84 M3x8 A2 ISO 1207	2	
A50	470W214825	Washer	1	
A60	470W214826	Cable sleeve	1	

Zinc anode unit

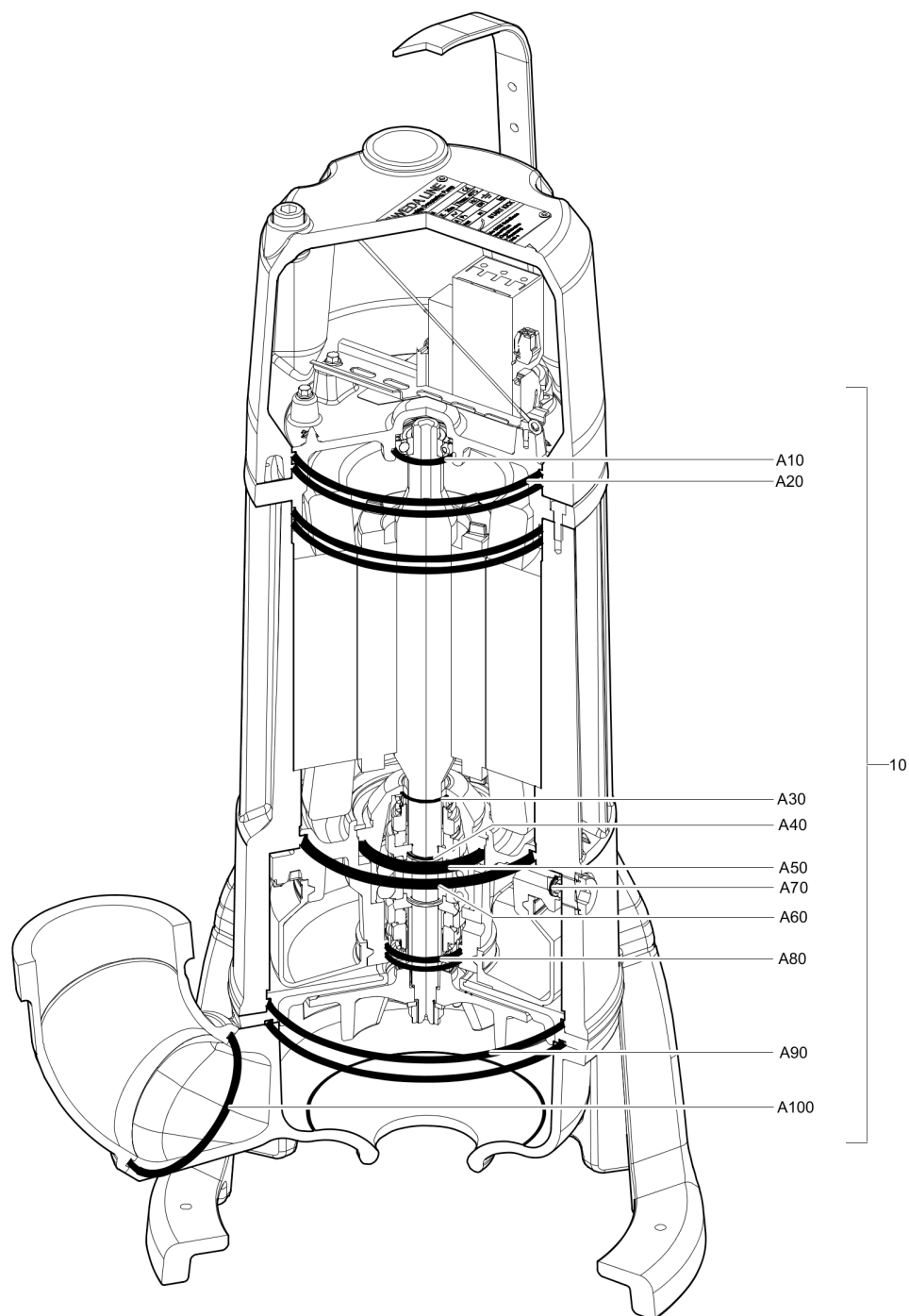


Refer to Parts Online for the most up to date information. The printed information might be outdated.

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Item	Part No.	Name	Qty	L
10	3081690610	Zinc anode kit	1	
A10	4700W75659	Screw DIN 912 M6x25 ISO A2-70	4	
A20	0300013009	Washer ø6	4	
A30	470W209275	Zinc anode	8	
A40	0333210837	Lock washer	4	
A50	0061109152	Nut DIN 934 M6 A2	4	
A60	4700W75659	Screw DIN 912 M6x25 ISO A2-70	6	
A70	0300013009	Washer ø6	6	
A80	470W209273	Zinc anode	3	
A90	0333210837	Lock washer	6	
A100	0261109152	Nut DIN 934 M6 A2 ISO 4032	6	

O-ring kit



Refer to Parts Online for the most up to date information. The printed information might be outdated.

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Item	Part No.	Name	Qty	L
10	3081690611	O-ring kit	1	
A10	4700W65024	O-ring 39x3-NBR 70 shore	1	
A20	3081601352	O-ring 164.69x3.53-NBR 70 shore	4	
A30	4700W65096	O-ring 29,1X1,6-NBR 70 shore	1	
A40	4700160003	O-ring 19,2X3-NBR 70 shore	2	
A50	4700W65033	O-ring 74,2x5,7-NBR 70 shore	1	
A60	4700W65121	O-ring 154,3X5,7-NBR 70 shore	1	
A70	4700W65006	O-ring 8,3X2,4-NBR 70 shore	2	
A80	4700W65175	O-ring 48X3-NBR 70 shore	2	
A90	3081602102	O-ring 196,44X3,52-NBR 70 shore	2	
A100	0663212097	O-ring 95X4 NBR 70 shore	1	