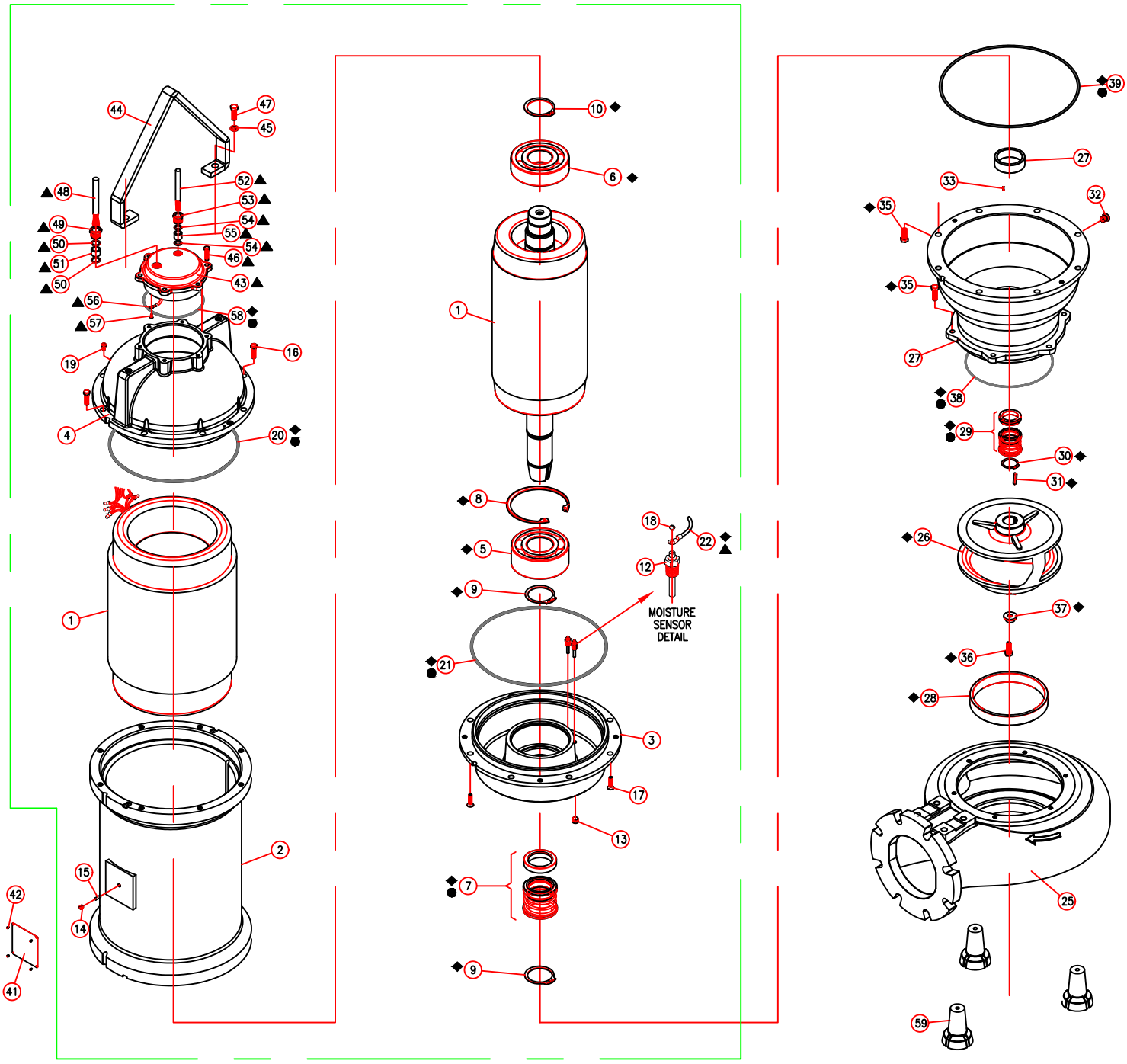
BARMESA PUMPS 8SWL FRAME 400



■ #24: MOTOR FRAME 400

Notes

- Items marked in blue vary depending on motor horsepower.
- To verify the pump model and code, refer to Table 8SWL.
- Purchasing the Motor kit includes item #24 Motor Frame.
- Item 1 and Item 2 are not available separately.

When ordering spare parts, please provide the model and serial number indicated on the nameplate, along with the part description shown in the parts list. If you require a component kit, please provide the respective kit number and model type.

Seal kit	●
Motor kit	■
Overhaul kit	◆
Cable assembly	▲

Models	Seal Kit	Motor Kit	Overhaul Kit	Cable Assembly
	●	■	◆	▲
8SWL100044DS	31075616	40043025	31075464	03220036F

Frame 400					
Item	Kit	Part Number	Description	Qty.	Material
1 y 2		40040374	Motor Housing Lower 100 HP 1750 400 FR	1	N/A
3		03210104	Bearing Bracket	1	Cast Hiron, Class 30
4		03220032	Motor Housing Upper	1	Cast Hiron, Class 30
5	◆	31020041D	Bearing Lower #3316-A/C3	1	SKF / FAG
6	◆	31020027	Bearing Upper # 6314-C3	1	SKF / FAG
7	● ◆	31030427	Mechanical Seal Inner 3.000"Ø Type 21, seal with cup seat	1	Car / Cer / Buna / SS
8	◆	31010012K	Retaining Ring #5000-675	1	Carbon Steel
9	◆	31010015O	Retaining Ring # 5100-300	1	Carbon Steel
10	◆	31010015K	Retaining Ring # 5100-262	1	Carbon Steel
11		N/A	Springer Washer 120 mm	1	304 Stainless Steel
12		31160001	Moisture Sensor # 39383	2	304 Stainless Steel
13		93010115	Pipe Plug Dry Seal de 3/8"	1	Carbon Steel
14		93010116	Pipe Plug Dry Seal de 1/8"	1	Carbon Steel
15		91010180	Dowel Pin ¼"Ø x ¾"	1	1018
16		91010354	Screw Hex. Head 5/8" x 1½" SS	8	18-8 Stainless Steel
17		91010405C	Socket Flat Head Screw 1/2" x 1 3/8" SS	4	18-8 Stainless Steel
18		91010403	Machine Screw Moist 6-32 x ¼" SS	2	304 Stainless Steel
19		91010330	Socket Head Screw 5/16" x ½" SS	1	304 Stainless Steel
20	● ◆	92010066	O-Ring # 384, Motor Housing Upper	1	Buna N
21	● ◆	92010042V	O-Ring # 282, Bearing Bracket	1	Buna N
22	◆ ▲	31030005	Moisture Sensor Wire	2	N/A
23		31010031	Motor Oil (Motor's Housing Cavity)	5.6 lts	N/A

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8SWL400					
24	■	40043025	Motor 400 100HP - 1750RPM	1	N/A
25		03090111	Volute	1	Cast Hiron Class 30
26	◆	03140248L	Impeller 12.01"DIA (100 HP -. 1750 RPM)	1	Ductile Iron 64-45-12
27		03180042	Seal Plate	1	Cast Hiron Class 30
28	◆	30400378	Wear Ring Volute 4SWM/H	1	C954 Bronze
29	● ◆	31030139P	Mechanical Seal Outer 2.875"ØType 21, Seal with O-Ring slotted	1	Sic/Sic/Buna/Ss
30	◆	31010015P	Retaining Ring #5100-287	1	420 Stainless Steel
31	◆	30400639	Key 3/8" x 3/8" x 1 1/2"	1	304 Stainless Steel
32		93010131	Hex Head Plug 3/8" #22932	1	304 Stainless Steel
33		91010184	Roll Pin 1/8"ø x 3/8"	1	Carbon Steel
34	◆	91010351	Screw Hex. Head ½" x 1½" SS	6	18-8 Stainless Steel
35	◆	91010347D	Screw Hex Head 5/8" x 2 1/4"	8	18-8 Stainless Steel
36	◆	91010334F	Screw Hex Head ½"-20unf x 1¼"	1	304 Stainless Steel
37	◆	30400413	Impeller Washer SS	1	304 Stainless Steel
38	● ◆	92010064E	O-Ring # 278, Volute	1	Buna N
39	● ◆	92010042U	O-Ring # 281, Seal Plate	1	Buna N
40		31010031	Oil	4	N/A
41		94010063C	ID Plate	7	304 Stainless Steel
42		91010192	Rivet SS # 001628	1	304 Stainless Steel
43	▲	03100013C	Conduit Box & Cable Assembly (2/0 AWG)	1	Cast Hiron, Class 30
44		30400844H	Lifting Handle 400	1	304 Stainless Steel
45		91010064	Lock Washer 3/4 SS	2	304 Stainless Steel
46	▲	91010345C	Screw Hex Head 3/8" x 1¼" Stainless Steel	6	304 Stainless Steel
47		91010359C	Screw Hex Head 3/4 x 2 1/2	2	18-8 Stainless Steel
48	▲	31030006D	Power Cable (2/0 AWG)	12 M	N/A
49	▲	30400904F	Hex Head Plug (2/0AWG)	1	304 Stainless Steel
50	▲	91010055D	Friction Ring (2/0AWG)	2	304 Stainless Steel
51	▲	92010002F	Grommet (2/0AWG)	1	Rubber
52	▲	31030005	Moisture & Temperature Sensor Cable	12 M	N/A
53	▲	30400901	Hex Head Plug	1	304 Stainless Steel
54	▲	91010057	Friction Ring	2	304 Stainless Steel
55	▲	92010005	Grommet	1	Rubber
56	▲	94010044	Connector 5/16" (Ground)	1	N/A
57	▲	91010404	Connector 5/16"	1	304 Stainless Steel
58	● ▲	92010075	O-Ring # 261, Conduit Box & Cable Assy	1	Buna N

Accesories					
58		03220050	Supports 8SW	3	Cast Hiron, Class 30
59		62170807	Cam 8 (Coupling Elbow)	1	
60		*Contact*	Terminal Board	1	

Note: Purchasing the Motor Kit includes the entire motor (part #24 of the exploded view)

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