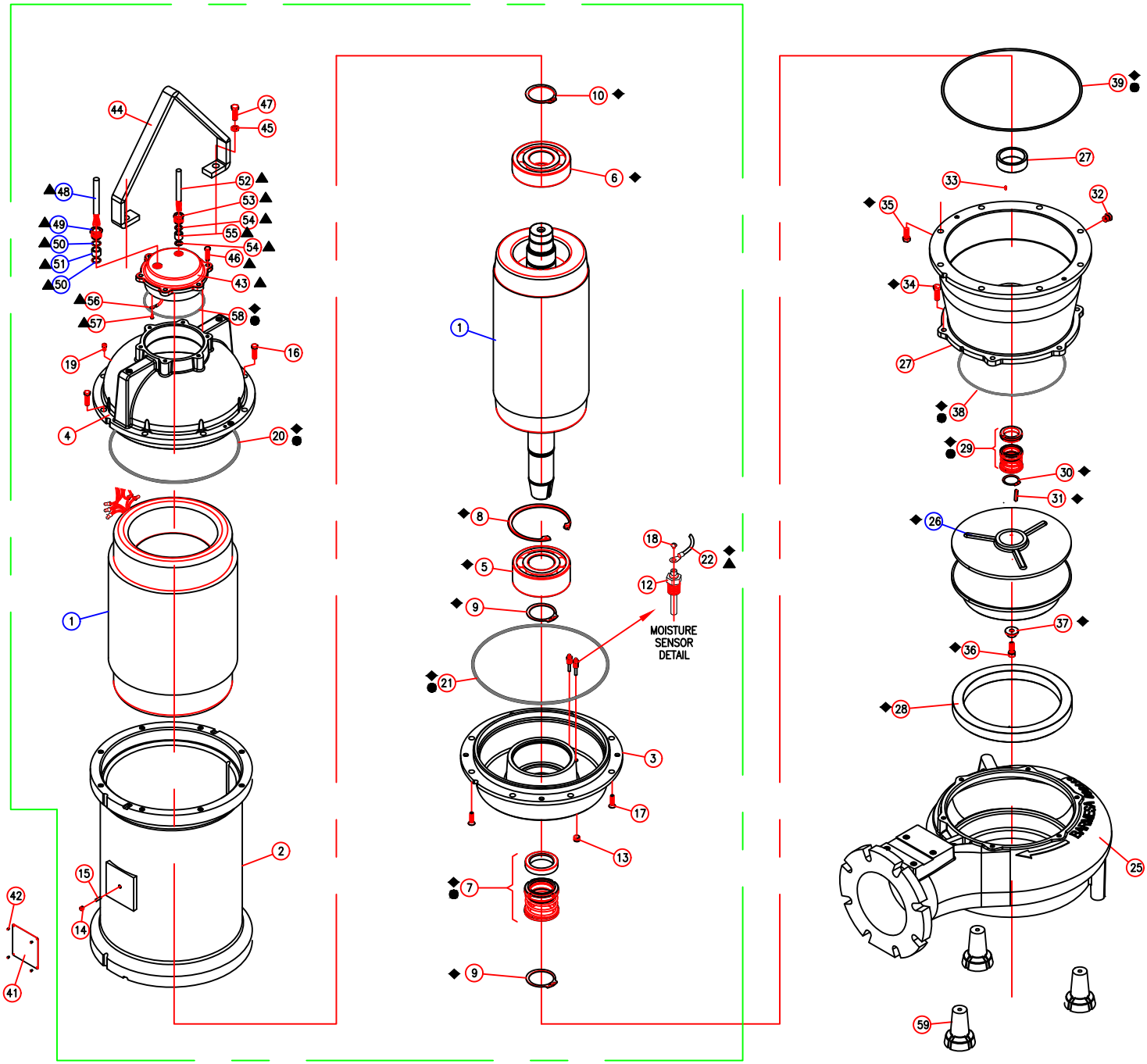
Barmesa Pumps

BARMESA PUMPS 8SWH 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 8SWH.
- 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 ▲
8SWH100044DS	31075618	40043025	31075470	03220036F
8SWH125044DS		40043027	31075471	03220036F
8SWH150044DS		40043029	31075472	03220036F
8SWH60046DS		40043044	31075473	03220036D

Frame400					
Item	Kit	Part number	Description	Qty	Material
1 y 2		40040374	Motor Housing Lower 100 HP 1750 400 FR	1	N/A
		40040376	Motor Housing Lower 125 HP 1750 400 FR		
		40040377	Motor Housing Lower 150 HP 1750 400 FR		
		40040392	Motor Housing Lower 60 HP 1150 400 FR		
3		03210104	Bearing Bracket	1	Cast Iron, Class 30
4		03220032	Motor Housing Upper	1	Cast Iron, 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	1	Car / Cer / Buna / SS
			Type 21, seal with cup seat		
8	◆	31010012K	Retaining Ring #5000-675	1	Carbón Steel
9	◆	31010015O	Retaining Ring # 5100-300	1	Carbón Steel
10	◆	31010015K	Retaining Ring # 5100-262	1	Carbón Steel
11		N/A	Spring Washer 120 mm	1	304 Stainless Steel
12		31160001	Moisture Sensor # 39383	2	304 Stainless Steel
13		93010115	Pipe Plug Dry Seal 3/8"	1	Carbón Steel
14		93010116	Pipe Plug Dry Seal 1/8"	1	Carbón Steel
15		91010180	Dowel Pin ¼"Ø x ¾"	1	1018 Steel
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	◆ ▲	31160001	Moisture Sensor Wire	2	N/A
23		31010031	Motor Oil (Motor's Housing Cavity)	10 lts	N/A

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8SWH400					
24	■	40043025	Motor 400 100HP - 1750RPM	1	N/A
		40043027	Motor 400 125HP - 1750RPM		
		40043029	Motor 400 150HP - 1750RPM		
		40043044	Motor 400 60HP - 1150RPM		
25		03090113	Volute	1	Cast Iron Class 30
26	◆	03140251F	Impeller 12.00"DIA (100 HP -. 1750 RPM)	1	Ductile Iron 64-45-12
		03140251D	Impeller 12.60"DIA (125 HP - 1750 RPM)		
		03140251	Impeller 13.78"DIA (150 HP - 1750 RPM)		
		03140250	Impeller 13.78"DIA (60 HP - 1150 RPM)		
27		03180043	Seal Plate	1	Cast Iron Class 30
28	◆	30400380	Wear Ring Volute 4SWM/H	1	C954 Bronze
29	● ◆	31030139P	Mechanical Seal Outer 2.875"Ø Type 21, Seal with O-Ring slotted	1	Sic/Sic/Buna/Ss
30	◆	31010015P	Retaining Ring #5100-287	1	420 Stainless Steel
31	◆	30400634	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	Carbón 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	◆	30400423	Impeller Washer SS	1	304 Stainless Steel
38	● ◆	92010042G	O-Ring # 280, Volute	1	Buna N
39	● ◆	92010064U	O-Ring # 281, Seal Plate	1	Buna N
40		31010031	Oil	5.5	N/A
41		94010063C	ID Plate	1	304 Stainless Steel
42		91010192	Rivet SS # 001628	4	304 Stainless Steel
43	▲	03100013C	Conduit Box & Cable Assembly (2/0AWG)	1	Cast Iron, Class 30
		03100013B	Conduit Box & Cable Assembly (2AWG)		
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 (2/0AWG)	12 M	N/A
		31030006	Power Cable (2AWG)		
49	▲	30400904F	Hex Head Plug (2/0AWG)	1	304 Stainless Steel
		30400904	Hex Head Plug (2AWG)		
50	▲	91010055D	Friction Ring (2/0AWG)	2	304 Stainless Steel
		30400401	Friction Ring (2AWG)		
51	▲	92010002F	Grommet (2/0AWG)	1	Rubber
		92010002	Grommet (2AWG)		
52	▲	31030005	Moisture & Temperature Sensor Cable	12 M	N/A
53	▲	30400901	Hex Head Plug	1	304 Stainless Steel

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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

Accessories					
58		03220050	Supports 8SW	3	Cast Iron, 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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