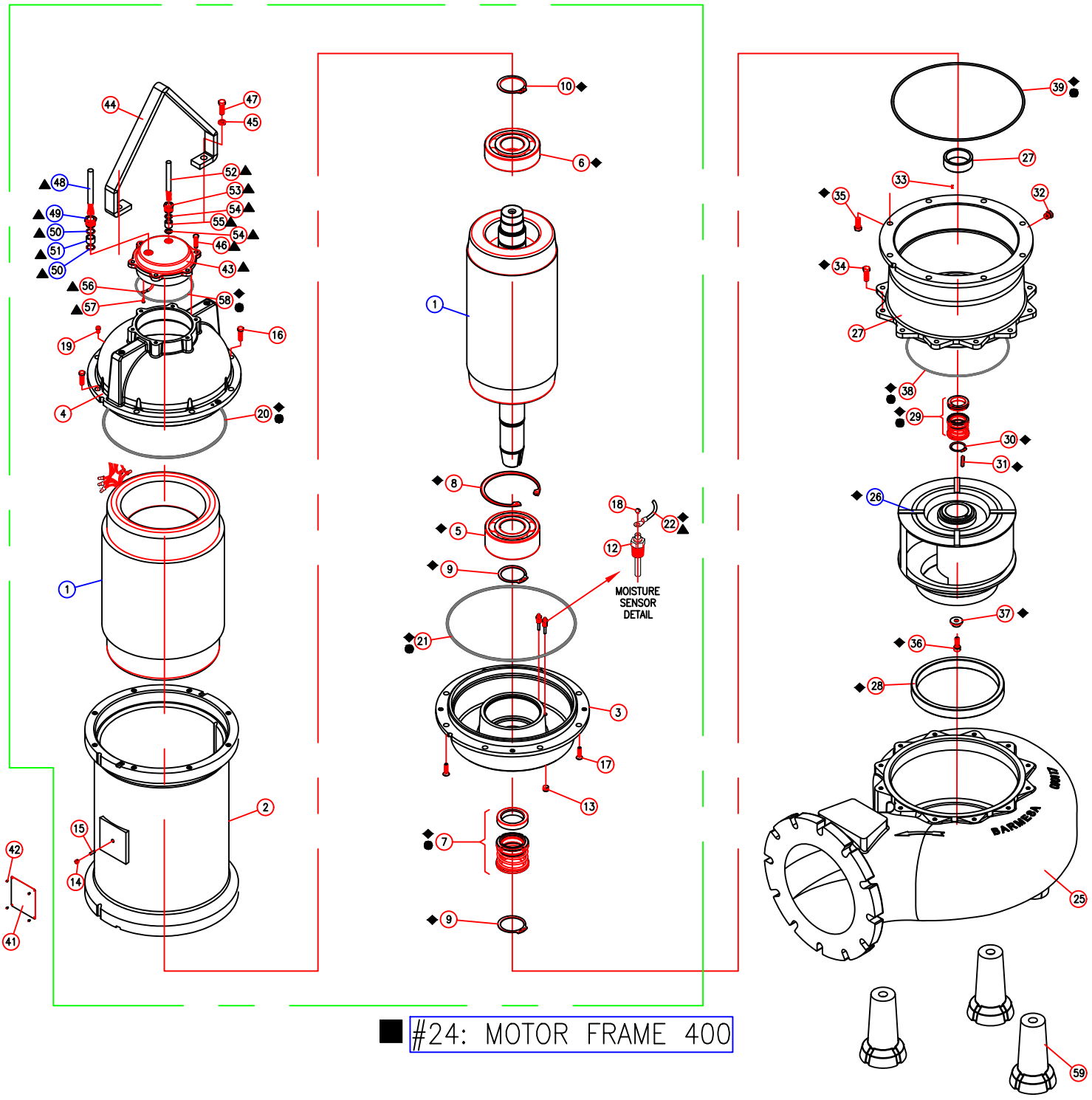
BARMESA PUMPS 12SWL FRAME 400



■ #24: MOTOR FRAME 400

Notes

- Items marked in blue vary depending on motor horsepower.
- To verify the pump model and code, refer to Table 12SWL.
- 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 ▲
12SWH40046DS	31075619	40043042	31075474	03220036C
12SWH50046DS			31075475	03220036C
12SWH60046DS		40043044	31075476	03220036D
12SWH75046DS		40043046	31075477	03220036D

Frame 400					
Item	Kit	Part number	Description	Qty.	Material
1 y 2		40040386	Motor Housing Lower 40 HP 1150 400 FR	1	N/A
		40040390	Motor Housing Lower 50 HP 1150 400 FR		
		40040392	Motor Housing Lower 60 HP 1150 400 FR		
		40040394	Motor Housing Lower 75 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	Carbon Steel
9	◆	31010015O	Retaining Ring # 5100-300	1	Carbon Steel
10	◆	31010015K	Retaining Ring # 5100-262	1	Carbon 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 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	◆ ▲	31160001	Moisture Sensor Wire	2	N/A
23		31010031	Motor Oil (Motor's Housing Cavity)	10 lts	N/A

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12SWL400					
23	■	40043042	Motor 400 40HP - 1150RPM	1	N/A
			Motor 400 50HP - 1150RPM		
		40043044	Motor 400 60HP - 1150RPM		
		40043046	Motor 400 75HP - 1150RPM		
24		3090117	Volute	1	Cast Iron Class 30
25	◆	03140254B	Impeller 12SWH 12.50"DIA (40 HP - 1150 RPM)	1	Ductile Iron 64-45-12
		03140254	Impeller 12SWH 13.06"DIA (50 HP - 1150 RPM)		
		03140254C	Impeller 12SWH 13.63"DIA (60 HP - 1150 RPM)		
		03140254D	Impeller 12SWH 14.13"DIA (75 HP - 1150 RPM)		
26		3180041	Seal Plate	1	Cast Iron Class 30
27	◆	30400384	Wear Ring Volute 12SWM/H	1	C954 Bronze
28	● ◆	31030427	Mechanical Seal Outer 2.875"ØType 21, Seal with O-Ring slotted	1	Sic/Sic/Buna/Ss
29	◆	31010015P	Retaining Ring #5100-287	1	420 Stainless Steel
30	◆	30400634	Key 3/8" x 3/8" x 1 1/2"	1	304 Stainless Steel
31		93010131	Hex Head Plug 3/8" #22932	1	304 Stainless Steel
32		91010184	Roll Pin 1/8"ø x 3/8"	1	Carbon Steel
33	◆	91010350	Screw Hex. Head ½" x 1½" SS	6	18-8 Stainless Steel
34	◆	91010334G	Screw Hex Head 5/8" x 2 1/4"	8	18-8 Stainless Steel
35	◆	91010334F	Screw Hex Head ½"-20unf x 1¼"	1	304 Stainless Steel
36	◆	30400423	Impeller Washer SS	1	304 Stainless Steel
37	● ◆	92010066	O-Ring # 384, Volute	1	Buna N
38	● ◆	92010064U	O-Ring # 281, Seal Plate	1	Buna N
39		31010031	Oil	5.5	304 Stainless Steel
40		94010063C	ID Plate	1	304 Stainless Steel
41		91010192	Rivet SS # 001628	4	N/A
42	▲	03100013B	Conduit Box & Cable Assembly (6AWG-2AWG)	1	Cast Iron, Class 30
43		30400844H	Lifting Handle 400	1	304 Stainless Steel
44		91010064	Lock Washer 3/4 SS	2	304 Stainless Steel
45	▲	91010345C	Screw Hex Head 3/8" x 1¼" Stainless Steel	6	304 Stainless Steel
46		91010359C	Screw Hex Head 3/4 x 2 1/2	2	18-8 Stainless Steel
47	▲	31030008	Power Cable (6AWG)	12 M	N/A
		31030006	Power Cable (2AWG)		
48	▲	30400904D	Hex Head Plug (6AWG)	1	Inoxidable 304
		30400904	Hex Head Plug (2AWG)		
49	▲	30400401	Friction Ring (6AWG - 2AWG)	2	Inoxidable 304
50	▲	92010002D	Grommet (6AWG)	1	Caucho
		92010002	Grommet (2AWG)		
51	▲	31030005	Moisture & Temperature Sensor Cable	12 M	N/A
52	▲	30400901	Hex Head Plug	1	304 Stainless Steel
53	▲	91010057	Friction Ring	2	304 Stainless Steel
54	▲	92010005	Grommet	1	Rubber
55	▲	94010044	Connector 5/16" (Ground)	1	N/A

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56	▲	91010404	Connector 5/16"	1	304 Stainless Steel
57	● ▲	92010075	O-Ring # 261, Conduit Box & Cable Assy	1	Buna N

Accesorios					
58		03220052	Supports 12SW	3	Cast Iron, Class 30
59		TBA	Cam 12 (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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