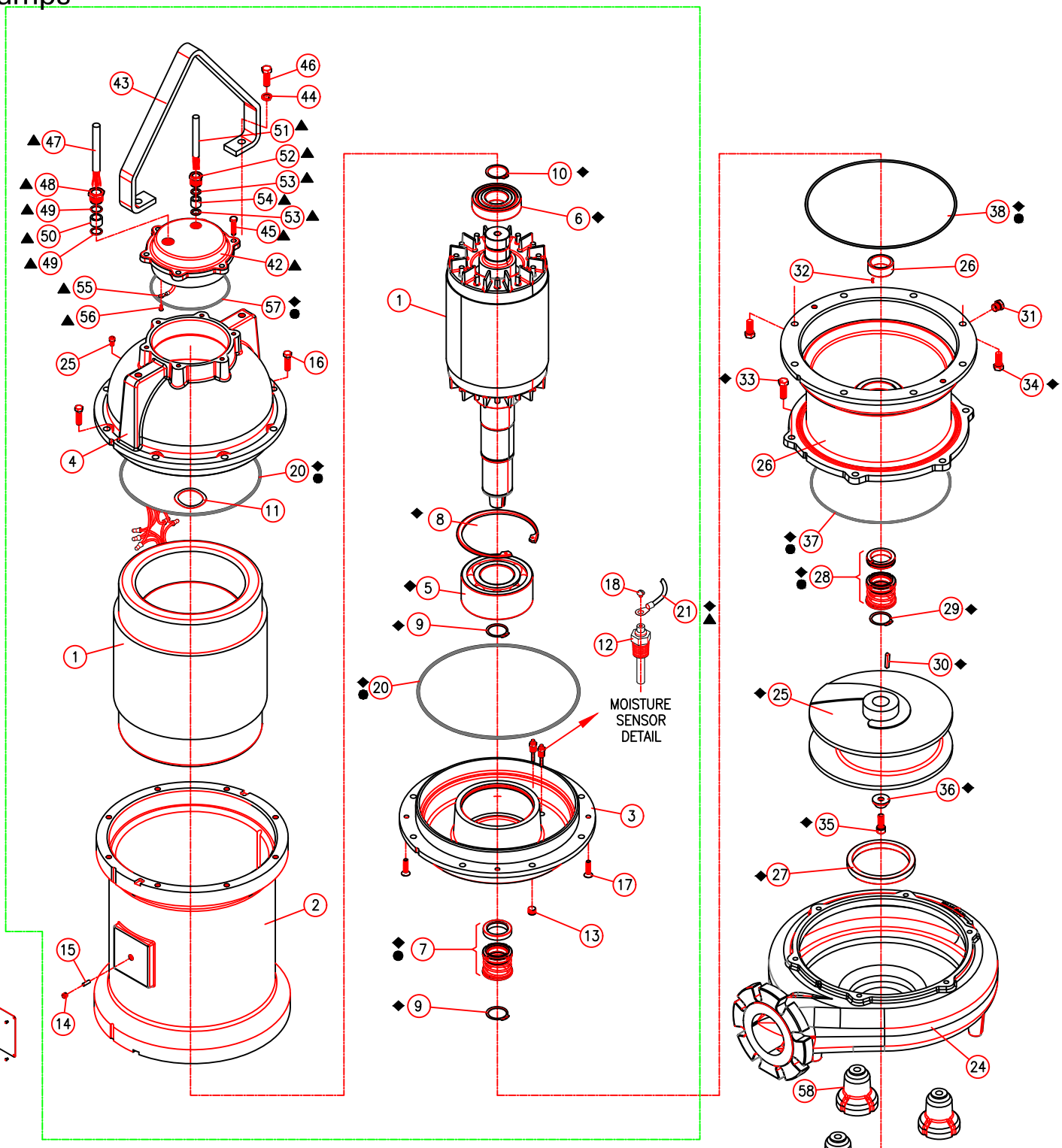
BARMESA PUMPS 4SWM FRAME 320



■#23: MOTOR FRAME 320

Notes

- Items marked in blue vary depending on motor horsepower.
- To verify the pump model and code, refer to Table 4SWM.
- Purchasing the Motor kit includes item #23 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 ▲
4SWM50044DS	31075603	40043019	31075412	03220036C

Frame 320					
Item	Kit	Part number	Description	Qty.	Material
1 y 2		40040388	Motor Housing Lower 50 HP 1750 320 FR	1	N/A
3		03210103	Bearing Bracket	1	Cast Iron, Class 30
4		03220031	Motor Housing Upper	1	Cast Iron, Class 30
5	◆	31020015	Bearing Lower # 6311-C3	1	SKF / FAG
6	◆	31020041E	Bearing Upper # 3315-A/C3	1	SKF / FAG
7	● ◆	31030139P	Mechanical Seal Inner 2.875"Ø Type 21, seal with cup seat	1	Car / Cer / Buna / SS
8	◆	31010012F	Retaining Ring #5002-625	1	Carbon Steel
9	◆	31010017F	Retaining Ring # 5100-293	2	Carbon Steel
10	◆	31010015F	Retaining Ring # 5100-206	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 3/8"	1	Carbon Steel
14		93010116	Pipe Plug Dry Seal 1/8"	1	Carbon Steel
15		91010180	Dowel Pin ¼"Ø x ¾"	1	1018 Steel
16		91010364	Screw Hex. Head ½" x 1¾" SS	8	18-8 Stainless Steel
17		91010402	Socket Flat Head Screw 3/8" x 1½" 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	● ◆	92010064	O-Ring # 281, Conduit Box & Cable Assy.	1	Buna N
21	◆ ▲	31030005	Moisture Sensor Cable	1	N/A
22		31010031	Motor Oil (Motor's Housing Cavity)	2	N/A

Updated: 11/02/2026

Barmesa Pumps, LLC. All rights reserved.
Product information is subject to change without notice.

4SWM320					
23	■	40043019	Motor 320 50HP - 1750RPM	1	N/A
24		03090109	Volute	1	Cast Iron, Class 30
25	◆	03140242	Impeller 4SWM 8.86"DIA (15 HP - 1750 RPM)	1	Ductile Iron 64-45-12
26		03220036C	Seal Plate	1	Cast Iron, Class 30
27	◆	30400374	Wear Ring Volute 4SWM	1	C954 Bronze
28	● ◆	31030139Q	Mechanical Seal Outer 2.625"Ø Type 21, With O-Ring	1	Sic/Sic/Buna/Ss
29	◆	31010015K	Retaining Ring #5100-262	1	420 Stainless Steel
30	◆	30400639	Key ¼" X ¼" X 1½"	1	304 Stainless Steel
31		93010131	Hex Plug 3/8" # 22932	1	304 Stainless Steel
32		91010184	Roll Pin 1/8"Ø X 3/8"	1	Carbon Steel
33	◆	91010351	Screw Hex. Head ½" x 1½" SS	6	18-8 Stainless Steel
34	◆	91010364	Screw Hex Head ½" x 1 3/4"	8	18-8 Stainless Steel
35	◆	91010334B	Screw Hex Head ½"-20unf x 1¼"	1	304 Stainless Steel
36	◆	30400413	Impeller Washer SS	1	304 Stainless Steel
37	● ◆	92010064G	O-Ring # 280, Volute	1	Buna N
38	● ◆	92010064F	O-Ring # 279, Seal Plate	1	Buna N
39		91010192	Oil	5.5	N/A
40		31010031	ID Plate	1	304 Stainless Steel
41		94010063C	Rivets	4	304 Stainless Steel
42	▲	03100013B	Conduit Box & Cable Assembly (6AWG)	1	Cast Iron, Class 30
43		30400844G	Lifting Handle 320	1	304 Stainless Steel
44		91010063	Lock Washer 5/8	2	304 Stainless Steel
45	▲	91010346	Screw Hex Head 3/8" x 1 1/2" SS	6	304 Stainless Steel
46		91010356	Screw Hex Head 5/8 x 2.0 ss	2	18-8 Stainless Steel
47	▲	31030008	Power Cable (6AWG)	12 M	N/A
48	▲	30400904D	Hex Head Plug (6AWG)	1	304 Stainless Steel
49	▲	30400401	Friction Ring # 54746 SS (6AWG-2AWG)	2	304 Stainless Steel
50	▲	92010002D	Grommet (6AWG)	1	Rubber
51	▲	31030005	Moisture & Temperature Sensor Cable	12 M	N/A
52	▲	30400901	Hex Plug	1	304 Stainless Steel
53	▲	91010057	Friction Ring # 21531 SS	2	304 Stainless Steel
54	▲	92010005	Grommet	1	Rubber
55	▲	94010044	Connector 5/16" (Ground)	1	N/A
56	▲	91010404	Connector 5/16"	1	304 Stainless Steel
57	● ▲	92010075	O-Ring # 261, Conduit Box & Cable Assy	1	Buna N

Accessories					
58		03220051	Supports 4SW	3	Cast Iron, Class 30
59		62170801	Cam 4 (Coupling Elbow)	1	
60		*Consultar*	Terminal Board	1	

Note: Purchasing the Motor Kit includes the entire motor (part #23 of the exploded view)

Updated: 11/02/2026

Barmesa Pumps, LLC. All rights reserved.
Product information is subject to change without notice.