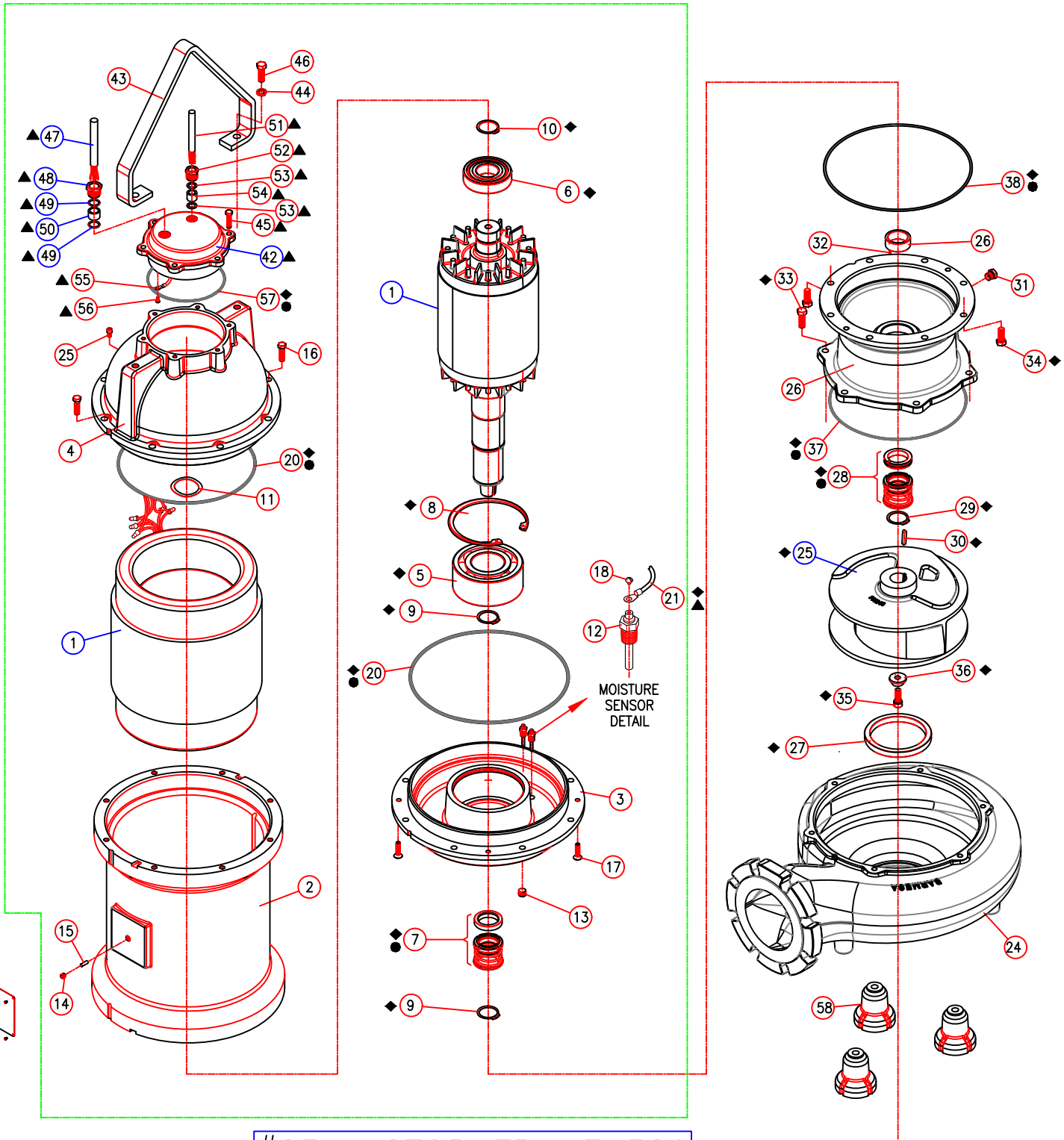
BARMESA PUMPS 6SWH FRAME 320



■ #23: MOTOR FRAME 320

Notes

- Items marked in blue vary depending on motor horsepower.
- To verify the pump model and code, refer to Table 4SWH.
- 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 ▲
6SWH50044DS	31075612	40043019	31075445	03220036C
6SWH60044DS		40043021	31075446	03220036D
6SWH75044DS		40043023	31075447	03220036D
6SWH25046DS		40043034	31075448	03220036C
6SWH30046DS		40043036	31075449	03220036C
6SWH40046DS		40043038	31075450	03220036C

Frame 320					
Item	Kit	Part number	Description	Qty.	Material
1 y 2		40040362	Motor 50 HP 1750 FR320	1	N/A
		40040362	Motor 60 HP 1750 FR320		
		40040364	Motor 75 HP 1750 FR320		
		40040366	Motor 25 HP 1150 FR320		
		40040378	Motor 30 HP 1150 FR320		
		40040378	Motor 40 HP 1150 FR320		
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	1	Car / Cer / Buna / SS
			Type 21, seal with cup seat		
8	◆	31010012F	Retaining Ring #5002-625	1	Carbón Steel
9	◆	31010017F	Retaining Ring # 5100-293	1	Carbón Steel
10	◆	31010015F	Retaining Ring # 5100-206	1	Carbón 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 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		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.	2	Buna N
21	◆ ▲	31030005	Moisture Sensor Cable	2	N/A
22		31010031	Motor Oil (Motor's Housing Cavity)	5.6 lts	N/A

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6SWH320					
23	■	40043019	Motor 320, 50HP - 1750RPM	1	N/A
		40043021	Motor 320 60HP - 1750RPM		
		40043023	Motor 320 75HP - 1750RPM		
		40043034	Motor 320 25HP - 1150RPM		
		40043036	Motor 320 30HP - 1150RPM		
		40043038	Motor 320 40HP - 1150RPM		
24		03090108	Volute	1	Cast Iron, Class 30
25	◆	03140246G	Impeller 6SWH 12.01" Dia (50HP - 1750RPM)	1	Ductile Iron 64-45-12
		03140246F	Impeller 6SWH 12.80"Dia (60HP - 1750RPM)		
		03140246E	Impeller 6SWH 13.19"Dia (75HP - 1750RPM)		
		03140246H	Impeller 6SWH 13.79" Dia (25HP - 1150RPM)		
		03140246E3	Impeller 6SWH 14.14" Dia (30HP - 1150RPM)		
		03140246C2	Impeller 6SWH 14.57" Dia (40HP - 1150RPM)		
26		03180039	Seal Plate	1	Cast Iron, Class 30
27	◆	30400377	Wear Ring Volute 4SWH	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	Carbón 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		31010031	Oil	5.5	N/A
40		94010063C	ID Plate	1	304 Stainless Steel
41		91010192	Rivets	4	304 Stainless Steel
42	▲	03100013B	Conduit Box & Cable Assembly (6AWG-2AWG)	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	▲	31030006	Power Cable (2AWG)	12 M	N/A
		31030008	Power Cable (6AWG)		
48	▲	30400904	Hex Head Plug (2AWG)	1	304 Stainless Steel
		30400904D	Hex Head Plug (6AWG)		
49	▲	30400401	Friction Ring # 54746 SS (6AWG-2AWG)	2	304 Stainless Steel
50	▲	92010002D	Grommet (6AWG)	1	Rubber
		92010002	Grommet (2AWG)		
51	▲	31030005	Moisture & Temperature Sensor Cable	12 M	N/A

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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 6SW	3	Cast Iron, Class 30
59		62170801	Cam 6 (Coupling Elbow)	1	
60		*Consultar*	Terminal Board	1	

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

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