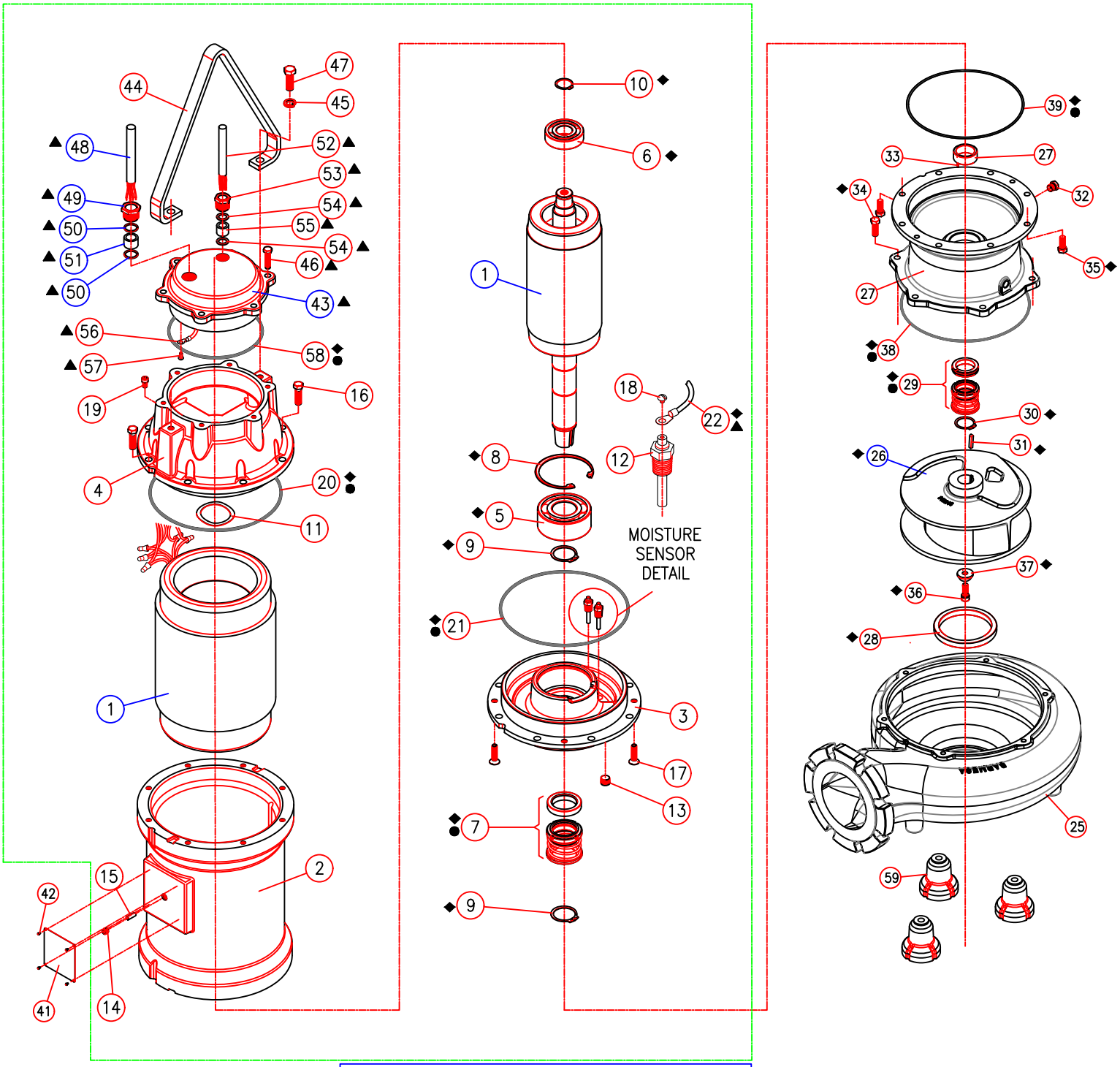
BARMESA PUMPS 6SWH FRAME 250



■ #24: MOTOR FRAME 250

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 #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 ▲
6SWH25034DS	31075611	40043013	31075438	03220036C
6SWH25044DS				03220036C
6SWH30034DS		40043015	31075439	03220036D
6SWH30044DS				03220036C
6SWH40044DS		40043017	31075440	03220036C
6SWH7536DS		40043030	31075441	03220036
6SWH7546DS				03220036
6SWH10036DS			31075442	03220036C
6SWH10046DS				03220036
6SWH15036DS		40043032	31075443	03220036C
6SWH15046DS				03220036
6SWH20036DS			31075444	03220036C
6SWH20046DS				03220036C

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Frame 250					
Item	Kit	Part number	Description	Qty.	Material
1 y 2		40040362	Motor Housing Lower 25 hp 1750 FR25	1	N/A
		40040364	Motor Housing Lower 30 hp 1750 FR25		
		40040366	Motor Housing Lower 40 hp 1750 FR25		
		40040378	Motor Housing Lower 7.5 hp 1150 FR25		
		40040378	Motor Housing Lower 10 hp 1150 FR25		
		40040380	Motor Housing Lower 15 hp 1150 FR25		
		03100014	Motor Housing Lower 20 hp 1150 FR25		
3		03210102	Bearing Bracket	1	Cast Iron, Class 30
4		03220030	Motor Housing Upper	1	Cast Iron, Class 30
5	◆	31020041	Bearing Lower #3313 - A/C3	1	SKF / FAG
6	◆	31020025	Bearing Upper #6309 - C3	1	SKF / FAG
7	● ◆	31030139L	Mechanical Seal Inner 2.500"Ø Type 21, seal with cup seat	1	Car / Cer / Buna / SS
8	◆	31010012D	Retaining Ring # N5002-550	1	Carbón Steel
9	◆	31010017D	Retaining Ring # 5100-250	2	Carbón Steel
10	◆	31010015	Retaining Ring # 5100-177	1	Carbón Steel
11		91010019	Springer Washer 72 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		91010366E	Screw Hex. Head 7/16" x 1½" 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 # 277, Motor Housing Upper	1	Buna N
21	● ◆	92010062	O-Ring # 276, 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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6SWH250					
24	■	40043013	Motor 250 25Hp - 1750Rpm	1	N/A
		40043015	Motor 250 30Hp - 1750Rpm		
		40043017	Motor 250 40Hp - 1750Rpm		
		40043030	Motor 250 7.5Hp - 1150Rpm		
			Motor 250 10Hp - 1150Rpm		
		40043032	Motor 250 15Hp - 1150Rpm		
			Motor 250 20Hp - 1150Rpm		
25		03090108	Volute	1	Cast Iron Class 30
26	◆	03140246G	Impeller 6SWH 9.45"Dia (25Hp - 1750Rpm)	1	Ductile Iron 64-45-12
		03140246F	Impeller 6SWH 10.04"Dia (30Hp - 1750Rpm)		
		03140246E	Impeller 6SWH 11.02" Dia (40Hp - 1750Rpm)		
		03140246H	Impeller 6SWH 9.25" Dia (7.5Hp - 1150Rpm)		
		03140246E3	Impeller 6SWH 10.43" Dia (10Hp - 1150Rpm)		
		03140246C2	Impeller 6SWH 12.21" Dia (15Hp - 1150Rpm)		
		03140246B	Impeller 6SWH 13.19" Dia (20Hp - 1150Rpm)		
27		03180038	Seal Plate	1	Cast Iron Class 30
28	◆	30400377	Wear Ring Volute 6SWL	1	C954 Bronze
29	● ◆	31030139K	Mechanical Seal Outer 2.250"Ø Type 21, Seal with O-Ring slotted	1	Sic/Sic/Buna/Ss
30	◆	31010010	Retaining Ring #5100-225	1	420 Stainless Steel
31	◆	30400639	Key ¼" x ¼" x 1½"	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	◆	91010364	Screw Hex Head ½" x 1 3/4"	8	18-8 Stainless Steel
36	◆	91010334B	Screw Hex Head ½"-20unf x 1¼"	1	304 Stainless Steel
37	◆	30400413	Impeller Washer SS	1	304 Stainless Steel
38	● ◆	92010064G	O-Ring # 280, Volute	1	Buna N
39	● ◆	92010089	O-Ring # 275, 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	▲	03100013	Conduit Box & Cable Assembly (10 AWG)	1	Cast Iron, Class 30
		03100013B	Conduit Box & Cable Assembly (6 AWG- 2 AWG)		
44		30400844F	Lifting Handle 250	1	304 Stainless Steel
45		91010063	Lock Washer 5/8 SS	2	304 Stainless Steel
46	▲	91010345C	Screw Hex Head 3/8" x 1¼" Stainless Steel	6	304 Stainless Steel
47	▲	91010354	Screw Hex Head 5/8x1 3/4	2	18-8 Stainless Steel
48	▲	31030006	Power Cable (2 AWG)	12 M	N/A
		31030008	Power Cable (6 AWG)		
		31030003	Power Cable (10 AWG)		

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49	▲	30400903	Hex Head Plug (10AWG)	1	304 Stainless Steel
		30400904	Hex Head Plug (2AWG)		
		30400904D	Hex Head Plug (6AWG)		
50	▲	30400401	Friction Ring # 54746 SS (6AWG-2AWG)	2	304 Stainless Steel
		91010055	Friction Ring # 54746 SS (10AWG)		
51	▲	92010001	Grommet (10AWG)	1	Rubber
		92010002D	Grommet (6AWG)		
		92010002	Grommet (2AWG)		
52	▲	31030005	Moisture & Temperature Sensor Cable	12 M	N/A
53	▲	30400901	Hex Head Plug	1	304 Stainless Steel
54	▲	91010057	Friction Ring # 21531 SS	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		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 #24 of the exploded view)

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