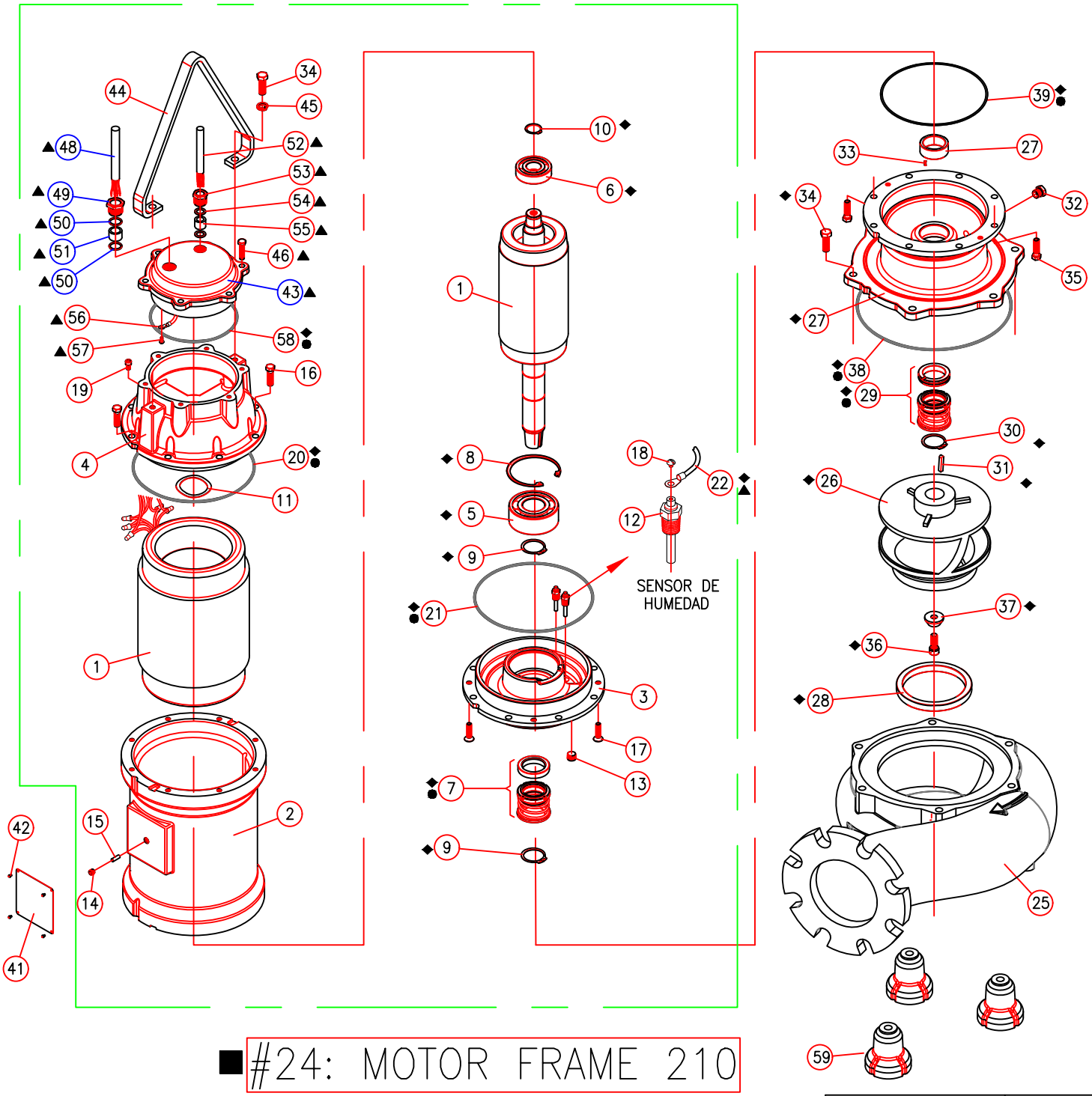
Barmesa Pumps

BARMESA PUMPS 6SWL FRAME 210



■#24: MOTOR FRAME 210

Notes

- Items marked in blue vary depending on motor horsepower.
- To verify the pump model and code, refer to Table 6SWL.
- Purchasing the Motor kit includes item #24 Motor Frame.
- Item 1 and Item 2 are not available separately.

Seal kit	●
Motor kit	■
Overhaul kit	◆
Cable assembly	▲

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.

Models	Seal Kit ●	Motor Kit ■	Overhaul Kit ◆	Cable Assembly ▲
6SWL15034DS	31075607	40043011	31075427	03220036C
6SWL15044DS				03220036

Frame 210					
Item	Kit	Part number	Description	Qty.	Material
1 y 2		40040360	Motor Housing Lower 15 HP 1750 210 FR	1	N/A
3		03210101	Bearing Bracket	1	Cast Iron, Class 30
4		03220029	Motor Housing Upper	1	Cast Iron, Class 30
5	◆	31020024	Bearing Lower # 3309-A/C3	1	SKF / FAG
6	◆	31020045	Bearing Upper # 6306-C3	1	SKF / FAG
7	● ◆	31030290E	Mechanical Seal Inner 1.750"Ø Type 21, seal with cup seat	1	Car / Cer / Buna / SS
8	◆	31010012	Retaining Ring # N5002-393	1	Carbón Steel
9	◆	31010008C	Retaining Ring # 5100-175	2	Carbón Steel
10	◆	31010003	Retaining Ring # 5100-118	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
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	● ◆	92010042S	O-Ring # 272, Motor Housing Upper	1	Buna N
21	● ◆	92010042R	O-Ring # 271, 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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6SWL210					
24	■	40043011	Motor 210 15hp - 1750rpm	1	N/A
25		03090110	Volute	1	Cast Iron Class 30
26	◆	03140244C	Impeller 6SWL 8.86"ø, 15 hp, 1750 rpm	1	Ductile Iron 64-45-12
27		3180036	Seal Plate	1	Cast Iron Class 30
28	◆	30400375	Wear Ring Volute 6SWL	1	C954 Bronze
29	● ◆	91010351	Mechanical Seal Outer 1.750"Ø Type 21, Seal with O-Ring slotted	1	SIC/SIC/BUNA/SS
30	◆	93010131	Retaining Ring #5100-755	1	420 Stainless Steel
31	◆	92010064E	Key ¼" x ¼" x 1½"	1	304 Stainless Steel
32		31030290E	Hex Head Plug 3/8" #22932	1	304 Stainless Steel
33		31010008C	Roll Pin 1/8"ø x 3/8"	1	Carbón Steel
34	◆	91010184	Screw Hex. Head 7/16" x 2.00"	8	18-8 Stainless Steel
35	◆	91010334B	Screw Hex. Head ½" x 1½" SS	8	18-8 Stainless Steel
36	◆	30400413	Screw Hex Head ½"-20unf x 1¼"	1	304 Stainless Steel
37	◆	91010348E	Impeller Washer SS	1	304 Stainless Steel
38	● ◆	92010088C	O-ring # 278, Volute	1	Buna N
39	● ◆	30400639	O-ring #267 Seal Plate	1	Buna N
40		31010031	Oil	3	N/A
41		94010063C	ID Plate	1	304 Stainless Steel
42		91010192	Rivet	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		30400844E	Lifting Handle 210	1	304 Stainless Steel
45		91010062	Lock Washer ½" SS	2	304 Stainless Steel
46	▲	91010346	Screw Hex Head 3/8" x 1 1/2" SS	6	304 Stainless Steel
47		91010351	Screw Hex. Head ½" x 1½" SS	2	18-8 Stainless Steel
48	▲	31030008	Power Cable (6AWG)	12 M	N/A
		31030003	Power Cable (10 AWG)		
49	▲	30400903	Hex Head Plug (10AWG)	1	304 Stainless Steel
		30400904D	Hex Head Plug (6AWG)		
50	▲	30400401	Friction Ring # 54746 SS (6AWG)	2	304 Stainless Steel
		91010055	Friction Ring # 54746 SS (10AWG)		
51	▲	92010001	Grommet (10AWG)	1	Rubber
		92010002D	Grommet (6AWG)		
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

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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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