



Franklin's exclusive SubMonitor™ Overload Protection Option extends motor warranty to 3 years*

This contractor friendly premium motor protection system protects the motor against overload, underload, overheating and rapid cycling.

* Contact Franklin Electric for warranty details

8" Encapsulated Submersible Motors

30 through 150 Kilowatt,
3-phase 380-415 Volts; 50 Hertz
(380, 460 and 575 Volts; 60 Hertz available)

APPLICATIONS

These motors are built for vertical operation in 8" diameter or larger water wells. Temperature and time rating are continuous in 30°C (86°F) water at 15.2 cm/sec (1/2 ft/sec) flow past motor. Rotation is electrically reversible.

FEATURES

- Winding encapsulated in anti-tracking resin
- Hermetically sealed stator area
- Kingsbury-type water lubricated thrust bearing
- Water Bloc™ removable lead connection
- Double flanged design for ease of handling and pump mounting
- Spline shaft for maximum shaft and coupling contact
- Copper bar rotor provides consistent design performance
- Pressure equalizing diaphragm

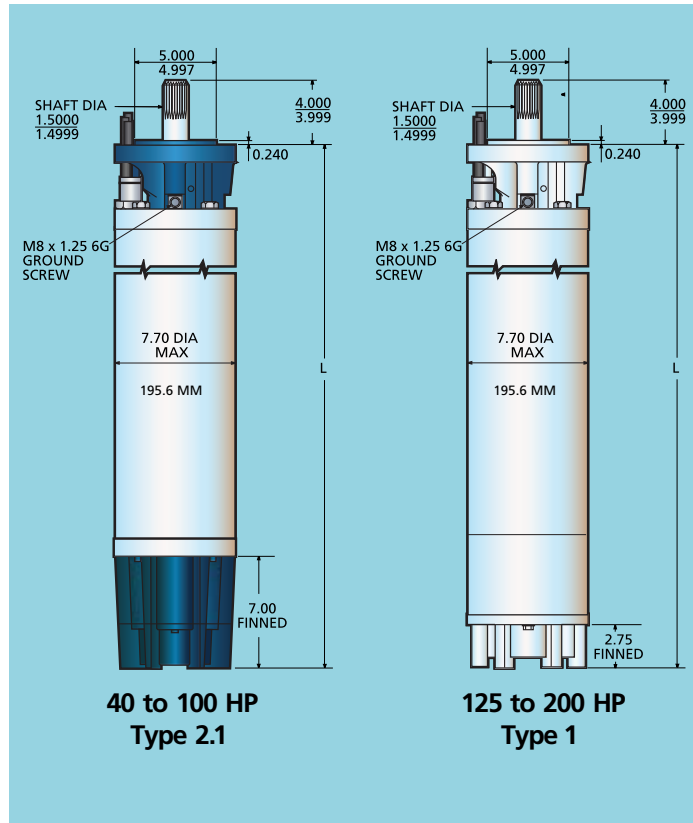
SPECIAL FEATURES

- 6-Lead (Wye/Star Delta) Designs
- 316 Stainless Steel Designs
- SAND FIGHTER™ shaft seal optional
- Non-vertical application designs available
- Other voltage and Hz design points available



8" Encapsulated Submersible Motors

DIMENSIONS



AVAILABILITY

8-inch Pump Flange (5" rabbet & 6" bolt circle)

HP	kW	"L" DIM		Shipping Weight
		ins	cm	Kgs
40	30	36.4	92.5	145
50	37	39.4	100.0	157
60	45	42.4	107.7	170
75	55	47.4	120.4	195
100	75	54.9	139.4	240
125	93	68.8	174.8	318
150	110	77.8	197.6	381
175	130	85.8	217.9	420
200	150	94.8	240.8	473

60 Hz - Nominal 3,525 RPM
50 Hz - Nominal 2,900 RPM

CONSTRUCTION MATERIALS

Components	Standard Water Well (304 SS)	Corrosion Resistant (316 SS)
Castings	Gray Iron	316 SS
Stator Shell	304 SS	316 SS
Stator Ends	Carbon Steel	316 SS
Shaft Extension	17-4 SS	17-4 SS
Fasteners	300 Series SS	316 SS
Seal Cover	304 SS & Sintered Bronze	316 SS
Seal	30-93kW - Carbon/Ceramic Face; 110-150kW - SAND FIGHTER™	SAND FIGHTER™
Diaphragm	Nitrile	Nitrile
Diaphragm Plate	304 SS	316 SS
Diaphragm Spring	302 SS	316 SS
Slinger	Nitrile	Nitrile
Lead Wire (or Cable)	RHW	RHW
Lead Sleeve	316 SS	316 SS
Lead Potting	Epoxy	Epoxy
Lead Jam Nut	Brass	316 SS
Filter	Delrin & Polyester	316 SS Plug

Note: All dimensions shown in inches unless otherwise noted.

Specifications subject to change without notice. Contact Franklin Electric if current material types are required for bid specifications.



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