



FRANKLIN 6" THREE PHASE SUBMERSIBLE MOTOR GENERAL INFORMATION

BASIC FEATURES

- Double flanged NEMA mounting design
- Stainless steel splined shaft
- StatorShield™, Franklin's six-feature encapsulation system
- High-capacity, Kingsbury-type, water-lubricated thrust bearing
- Factory-filled with Franklin's non-toxic water soluble fill solution
- Field replaceable lead using Franklin's exclusive Water-Bloc™ technology
- Full 3,450 rpm 60 Hz design point
- External sand slinger on shaft
- Mechanical face seal at shaft exit
- Copper bar rotor
- All models variable frequency drive (VFD) compatible
- Single-phase models must be used with a Franklin Electric control box



COMPONENT	MATERIAL	6" THREE PHASE SPECIFICATIONS							
		HP	Volts	Hz	Service Factor	Full Load Amps	Max Load Amps	Line to Line Resistance in Ohms	Locked Rotor Amps
Top Castings	303 SS	5HP	208V	60	1.15	17.5	20.0	0.77 - 0.93	99.0
Bottom Castings	303 SS over painted cast iron		230V			15.0	18.0	1.0 - 1.2	86.0
Stator Shell	301 SS		460V			7.5	9.0	3.9 - 4.8	52.0
Stator Ends	Low-carbon steel		575V			6.0	8.0	6.3 - 7.7	43.0
Shaft Extension	17-4 SS	7.5HP	208V	60	1.15	25.1	29.0	0.43 - 0.53	150.0
Fasteners	300 series SS		230V			21.8	25.0	0.64 - 0.78	130.0
Seal Cover	Sintered bronze		460V			10.9	12.3	2.4 - 2.9	65.0
Seal	Sintered bronze		575V			8.7	10.0	3.7 - 4.6	52.0
Diaphragm	Nitrile	10HP	208V	60	1.15	32.7	37.0	0.37 - 0.45	198.0
Diaphragm Cup	316 SS		230V			28.4	32.2	0.47 - 0.57	172.0
Diaphragm Spring	316 SS		460V			14.2	16.1	1.9 - 2.4	86.0
Diaphragm Cover	304 SS		575V			11.4	12.9	3.0 - 3.7	69.0
Slinger	Nitrile	15HP	208V	60	1.15	47.8	54.4	0.24 - 0.29	306.0
Lead Wire (or Cable)	XLPE		230V			41.6	47.4	0.28 - 0.35	266.0
Lead Potting	Epoxy		460V			20.8	23.7	1.1 - 1.4	133.0
Lead Screws/Clamp	316 SS		575V			16.6	19.0	1.8 - 2.3	106.0
Filter	Delrin/polyester								

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