



## 6" VOLT-X SUBMERSIBLE MOTORS

5-30 HP, THREE-PHASE, 230/460 V, 60 HZ

### APPLICATIONS

#### Redesigned Voltage Change Device

6-inch Volt-X motors are built with a unique dual-voltage feature offering power supply flexibility. The motors utilize an innovative voltage change device (VCD) that allows the motor to be connected for operation in either 230 V or 460 V, three-phase, 60 Hz power supplies. The voltage change device has been meticulously developed for ease of removal and a watertight seal every time.



### FEATURES

- New jam-nut style VCD plug device
- Maximum temperature winding wire NEMA class 200
- Anti-track, self-healing resin system
- Hermetically-sealed windings
- Removable Water-Bloc™ lead
- Double-flange design
- Stainless steel shell
- Stainless steel splined shaft
- Kingsbury-type water lubricated thrust bearing
- Pressure-equalizing diaphragm
- Sand slinger
- 3-lead configuration
- Copper bar rotor
- Full 3450 RPM design point
- Filter check valve

**WARNING:** Serious or fatal electrical shock or fire hazard may result from failure to follow the instructions for proper installation and use which accompany this equipment. Do not use motor in swimming areas.



**Franklin Electric**

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## AVAILABILITY

### Three-Phase

HP	KW	"L" Dim		Shipping Weight	
		IN	CM	LBS	KG
5	3.7	22.9	58.1	101	46
7.5	5.5	24.2	61.4	108	49
10	7.5	25.4	64.6	116	53
15	11.0	28.0	71.1	129	59
20	15.0	30.6	77.6	145	66
25	18.5	33.1	84.2	156	71
30	22.0	35.7	90.7	174	79

**Note:** 60 Hz - Nominal 3450 RPM

## CONSTRUCTION MATERIALS

Component	Sand Fighter™
Castings	Gray Iron
Stator Shell	301 SS
Stator Ends	Low Carbon Steel
Shaft Extension	303 SS
Fasteners	300 & 400 Series SS
Seal Cover	304 SS & Sintered Bronze
Seal	Sand Fighter™ SIC/SIC Mechanical Seal
Diaphragm	Nitrile Rubber
Diaphragm Plate	304 SS
Diaphragm Spring	302 SS
Slinger	Nitrile Rubber
Lead Wire (or Cable)	XLPE 125 °C
Lead Potting	Epoxy
Filter	Delrin & Polyester
Insulation	Class F

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

