



# 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.



# 6" VOLT-X SUBMERSIBLE MOTORS

## 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.

