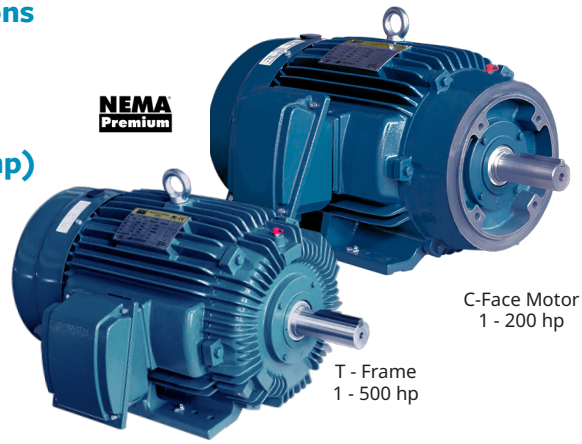
worldwideelectric.com
(800) 808-2131

LAM MOTORS

IEEE 45
General, Severe, and Marine Duty Motors

- **Three-phase NEMA Premium Efficiency motors**
- **Built to the IEEE 45 standard for marine applications**
- **High starting and breakdown torques**
- **1 - 500 hp at 3600, 1800, 1200, and 900 rpm**
- **230/460 Volts (1-200 hp) and 460 Volt (250 - 500 hp) at 60 Hz**
- **Frame Sizes: 143 - 586/7**
- **Styles: T/TS/TC/TSC/TCRD Options Available[1]**
- **1.25 Service Factor (1-200 hp), 1.15 (250 - 500 hp)**
- **Inverter Duty, 10:1 CT / 20:1 VT (1.0 SF)**
- **3-year warranty**



C-Face Motor
1 - 200 hp

T - Frame
1 - 500 hp

LOUIS ALLIS

Construction

- Totally Enclosed Fan Cooled (TEFC) enclosure
- Rigid base
- Heavy gauge rolled steel fan cover
- All frames double punched
- Inverter duty, 10:1 CT / 20:1 VT (1.0 SF)
- Metal clad V - Ring on DE, oil seal on ODE
- Double Vacuum Pressure Impregnation (VPI) treatment

Protection & Environmental

- IP55 protection
- Class F insulation
- Class 1 Division 2 Groups A,B,C,D (NEC)
- UR, CE, IEEE 45, CC306B

Options (May not be available for all models)

- Ball bearing on DE for direct coupled applications
- Roller bearing on DE for belted applications
- Insulated ODE bearing
- F1/F2 convertible
- Factory F2 mount
- Double drilled feet (4, 6 or 12)

Applications

This motor is an excellent choice for many high-impact, heavy-duty industries. It features a 3 year warranty, and is designed to IEEE 45 standard for wet and taxing conditions, so you'll be able to depend on it in offshore, coastal, and inland marine environments for years to come.

1 Not all combinations of HP, frame and styles may be possible.