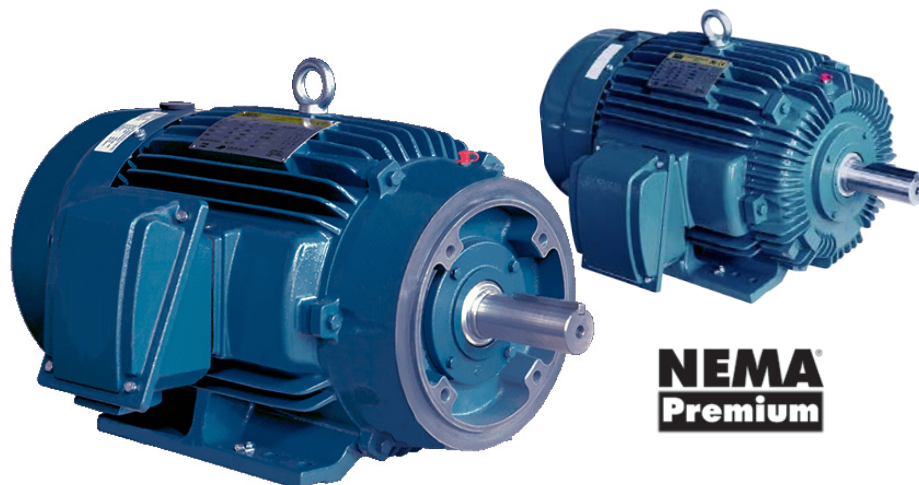




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**ELECTRICAL SALES & SERVICES**

**We are UL Certified & EASA Members**



## LAM IEEE 45 Marine-Duty Motors

Inverter duty motors designed for wet and taxing conditions

Louis Allis Marine-Duty Motors are built to the IEEE 45 standard for marine applications. Designed for wet and taxing conditions, these inverter duty motors offer an impressive list of features including an IP55 rating for protection from directed water jets, double vacuum pressure impregnation (VPI) treatment for winding protection, and high torque ratings for the most demanding applications. Featuring a 3 year warranty, you can depend on LAM motor in offshore, coastal, and inland marine environments for years to come.

### Specifications

- Output: 1 – 200 HP
- Speed: 3600, 1800, 1200 RPM
- Voltage: 208-230/460 Volt
- Service Factor: 1.25 SF

### In-Stock and Ready to Ship

Our goal is to make our customers more competitive by responding to requirements with a shared sense of urgency. WorldWide Electric has \$50 million of ready-to-ship inventory at six regional US warehouses. Moley is here to assist you!

**(716) 434-4023**

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### Product Features

- 1-200 HP, 3600, 1800, 1200 RPM
- TEFC enclosure
- IP55 protection
- Heavy gauge rolled steel fan cover
- Class 1 Division 2 Groups A,B,C,D in accordance with NEC
- UR, CE, IEEE 45, CC306B
- Rigid base – Also available in C-Face with feet mounting
- All frames double punched
- NEMA Design B
- NEMA Premium Efficiency
- Class F insulation
- 1.25 SF
- 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
- 60 Hz, 230/460V – Suitable for 208V
- Three year warranty

### Frame Suffix Options

T: T-Frame  
TC: C-Face  
TS: Short shaft



LAM Series C-Face Motor  
Available in 1-200 HP Ratings  
IEEE 45 Rated



LAM Series T-Frame Motor  
Available in 1-200 HP Ratings  
IEEE 45 Rated

### Model Number Selection

Each model number contains the product family, horsepower, RPM, and NEMA frame size.

LAM	1	-	12	-	145T
Product Family	Horsepower*		RPM/100		Frame

For example, model number "LAM1-12-145T" is a 1 HP, 1200 RPM, 145T Frame LAM Motor.

\* HP ratings with a decimal will carry a decimal to the model number, i.e. 1.5 HP becomes LAM1.5-12-182T.

### Available Models<sup>‡</sup>

Horsepower	RPM	Frame Size	Frame Suffix
1	1200	143	T
1.5	1800	145	TC
2	3600	182	TS
3		184	TSC
5		213	
7.5		215	
10		254	
15		256	
20		284	
25		286	
30		324	
40		326	
50		364	
60		365	
75		404	
100		405	
125		444	
150		445	
200		447	
		449	

<sup>‡</sup>Not all combinations indicated by this table are possible.

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