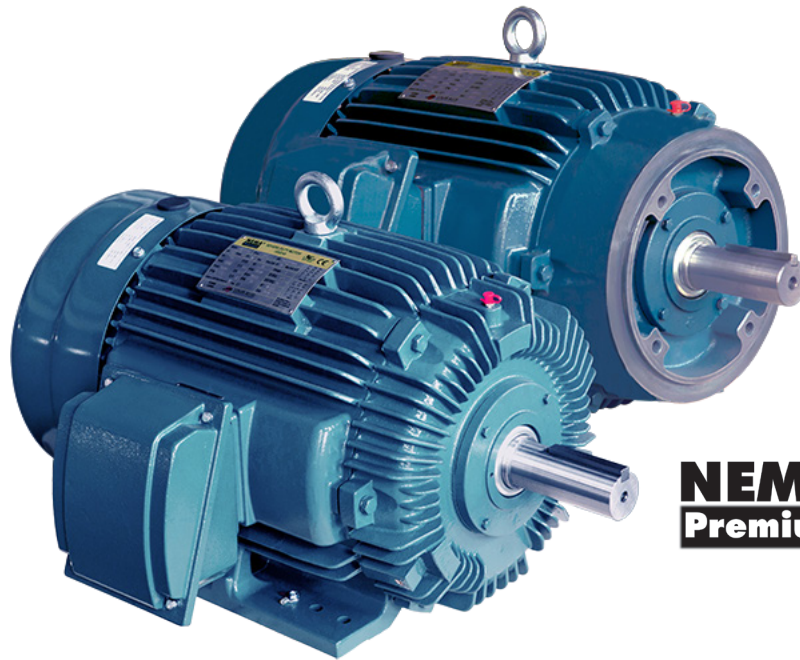




**Worldwide**  
ELECTRIC CORPORATION

(800) 808-2131  
**WORLDWIDEELECTRIC.COM**

**ELECTRIC  
MOTORS**



**NEMA**  
**Premium**



**LOUIS ALLIS**  
A WORLDWIDE ELECTRIC COMPANY

## 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'll be able to depend on the LAM motor in offshore, coastal, and inland marine environments for years to come.

#### Specifications

- Output: 1-450 HP
- Speed: 3600, 1800, 1200 and 900 RPM
- Frequency: 60 Hz
- Voltage: 230/460 Volt (1-200 HP)  
460 Volt Only (250-450 HP)
- Service Factor: 1.25 SF (1-200 HP)  
1.15 SF (250-450 HP)

#### In-Stock and Ready to Ship

We aim to make our customers more competitive by stocking the products they need and responding to their requirements with a shared sense of urgency. With \$50 million of ready-to-ship inventory at seven regional US warehouses, we're ready to assist you!

*For more details, visit [wwec.co/LAM](http://wwec.co/LAM)*

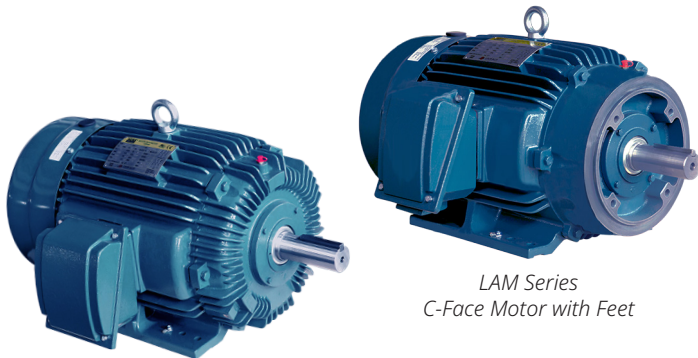
## Product Features

- 1-450 HP - 3600, 1800, 1200 and 900 RPM
- 60 Hz, 230/460V - Suitable for 208V (1-200 HP)  
60 Hz, 460V (250-450 HP)
- Totally Enclosed Fan Cooled (TEFC) Enclosure
- IP55 Protection
- 1.25 SF (1-200 HP) / 1.15 SF (250-450 HP)
- Class F Insulation
- Rigid Base, C-Face with Feet and C-Face Round Body
- NEMA Design B
- NEMA Premium Efficiency
- Inverter Duty, 10:1 CT / 20:1 VT (1.0 SF)
- Class 1 Division 2 Groups A, B, C, D  
in Accordance with NEC
- UR, CE, IEEE 45, CC306B
- Double Vacuum Pressure Impregnation (VPI) Treatment
- Heavy Gauge Rolled Steel Fan Cover
- All Frames Double Punched
- Metal Clad V-Ring on DE, Oil Seal on ODE
- Suitable for 50 Hz, 190/380V with 1.0 SF (1-200 HP)  
Suitable for 50 Hz, 380V with 1.0 SF (250-450 HP)

For more details, including full specifications and compliance, visit [wwec.co/LAM](http://wwec.co/LAM)

## Frame Suffix Options

- T: T-Frame Rigid Base
- TC: C-Face with Feet
- TCRD: C-Face Round Body <sup>x</sup>
- TS: T-Frame Rigid Base, Short Shaft
- TSC: C-Face with Feet, Short Shaft



LAM Series  
T-Frame Motor

LAM Series  
C-Face Motor with Feet

## Model Number Selection

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

Sample Model Number: LAM1-12-145T

<b>LAM</b>	<b>1</b>	-	<b>12</b>	-	<b>145T</b>
Product Family	HP Rating		RPM/100		Frame Size

LAM1-12-145T is a 1 HP, 1200 RPM, 145T  
LAM IEEE 45 Marine-Duty Motor

\* Please note that 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 ‡

HP	RPM	Frame Size	Frame Suffix
1	3600	143	T
1.5	1800	145	TC
2	1200	182	TCRD <sup>x</sup>
3	900	184	TS
5		213	TSC
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	
250		449	
300		586/7	
350			
400			
450			

‡ Not all combinations indicated by this table are possible. Please contact a representative or visit [worldwideelectric.net](http://worldwideelectric.net) for more information on available models.

<sup>x</sup> TCRD models do not have ABS Type Approval at this time



WorldWide Electric Corporation is a leading manufacturer of electric motors, motor controls, gear reducers, and generators as well as the exclusive master distributor of Hyundai Electric's low-voltage motors and drives. Offering fast, often same-day, shipping from seven regional US warehouses, WorldWide Electric takes pride in providing a competitive edge to our customers by responding to their requirements with urgency, technical expertise, and professionalism.

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