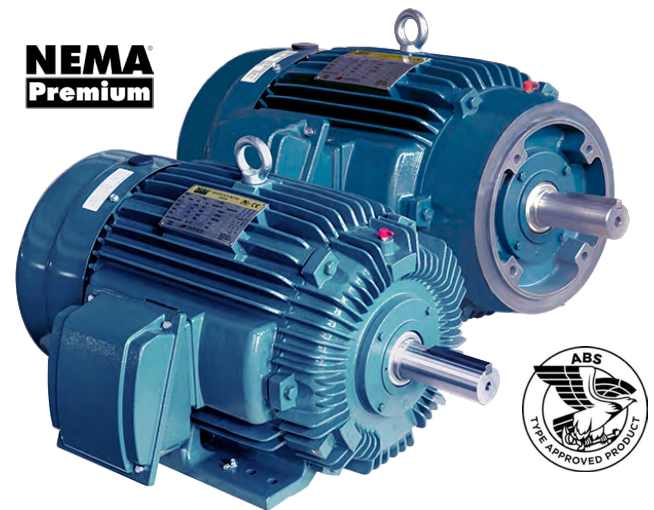


Louis Allis Marine & Severe Duty Motors

LAM IEEE 45 Series

Three-phase, 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.



Quick Specs & Features

- Output: 1 - 500 hp
- Speed: 3600, 1800, 1200, and 900 rpm
- Voltage:
 - 230/460 Volts (1-200 hp), 460 Volt only (250 - 500 hp)
- Frequency: 60 Hz
- Service Factor: 1.25 SF (1-200 hp), 1.15 SF (250 - 500 hp)



Responsive
Service & Technical Support



Quality Products
Competitive Pricing



In Stock Availability
Warehouses Nationwide



Fast Shipping
Same-Day Available

Product Features

- 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
- All frames double punched
- NEMA Premium Efficiency
- Class F insulation
- 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
- 230/460 Volts at 60 Hz (1 - 200 hp)
- 460 Volt at 60 Hz (250 - 500 hp)

Frame Suffix Options

T: T-Frame

TC: C-Face

TS: Short shaft

TSC: Short shaft C-Face

TCRD: C-Face Round Body (Footless)



LAM Series T - Frame Motor
Available in 1 - 500 hp Ratings
IEEE 45 Rated



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

Model Number Selection

Sample Part Number: LAM1-12-145T

Each model number contains the product family, horsepower, rpm, and frame size. Ratings for hp with a decimal will carry a decimal to the model number, i.e. 7.5 hp becomes LAM1.5-12-143TC. Ratings for rpm are divided by 100 i.e. LAM125-36-364T

‡ Not all combinations indicated by this table are possible. Please contact us or visit shop.worldwideelectric.com for more information on availability.

HP	RPM	Frame Size	Frame Suffix
1	900	143	T
1.5	1200	145	TC
2	1800	182	TS
3	3600	184	TSC
5		213	TCRD
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		445/7	
250		447	
300		449	
350		L449	
400		586/7	
450			
500			



WorldWide Electric Corporation is a leading manufacturer of electric motors, motor controls, gear reducers, and generators. 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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