



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

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 six regional US warehouses, we're ready to assist you!

For more details, visit wwec.co/LAM

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

For more details, including full specifications, compliance, and all available models, visit wwec.co/LAM

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[‡]

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	
		445/7	

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



WorldWide Electric Corporation is a leading manufacturer of electric motors, motor controls, and gear reducers as well as the exclusive master distributor of Hyundai Electric's low-voltage motors and drives. Offering fast, often same-day, shipping from six 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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