AMETEK

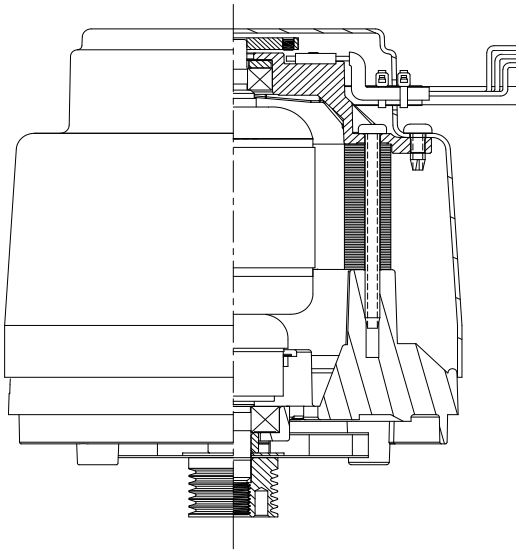
Product Bulletin

Lamb Electric

Model: 122515-00

DESCRIPTION

5" Inch Frame Size
240 Volt
Series Wound
Drive Motor
CW Rotation - Drive End



SPECIAL FEATURES

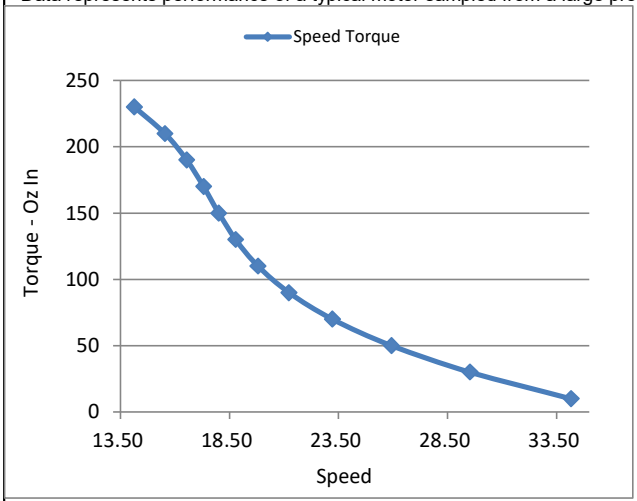
- Eternity Brushes +1500 hrs life
-cRUus recognized, category PRGY2/8 (E47185, E56617)
- High Efficiency
- Hi Power Density
- Quiet Design
-Class B Insulation

DESIGN APPLICATION

Used in Appliances
Power Tools, Outdoor Equipment, Food Processing Equipment, Gearmotors, Blowers, Pumps, and others.

TYPICAL MOTOR PERFORMANCE.* (60Hz, test data is 29.92 Hg, 70° F.)

* Data represents performance of a typical motor sampled from a large production quantity. Individual motor data may vary due to normal manufacturing variations.



Torque oz in	Amps		Watts	RPM x 10^3		Watts Out	Eff
10	2.32		554	34.17		253	45.7
30	3.82		887	29.53		655	73.8
50	5.27		1,206	25.94		959	79.5
70	6.66		1,511	23.22		1203	79.6
90	8.01		1,804	21.23		1414	78.4
110	9.32		2,085	19.81		1612	77.3
130	10.59		2,356	18.79		1807	76.7
150	11.82		2,616	18.01		1999	76.4
170	13.03		2,867	17.32		2178	76.0
190	14.21		3,109	16.55		2326	74.8
210	15.37		3,344	15.54		2414	72.2
230	16.52		3,572	14.14		2406	67.4

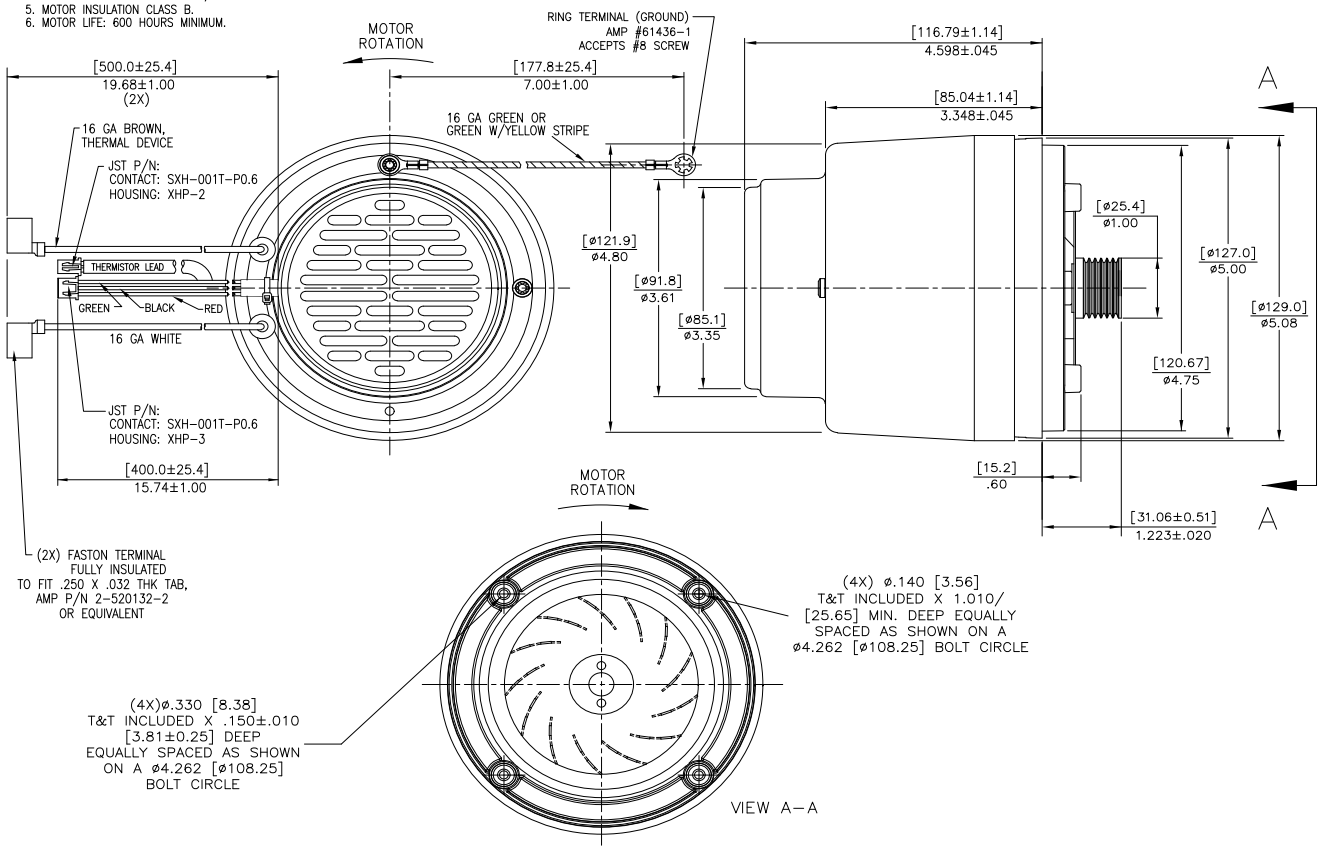
IMPORTANT NOTE: *Pictorial and dimensional data are subject to change without notice. Contact factory for current revision levels.*

WARNING - When using AMETEK Lamb Electric bypass motors in machines that come in contact with foam, liquid (including water), or other foreign substances, the machine must be designed and constructed to prevent those substances from reaching the fan system, motor housing, and electrical components. Lamb Electric vacuum motors other than hazardous duty models should not be applied in machines that come in contact with dry chemicals or other volatile materials. Failure to observe these precautions could cause flashing (depending on volatility) or electrical shock which could result in property damage and severe bodily injury, including death in extreme cases. All applications incorporating Lamb Electric motors should be submitted to appropriate organizations or agencies for testing specifically related to the safety of your equipment.

70 Volt No Load Max Amps 4.2, Max Watts 280		Hi-Pot Test 1800 Vots - 1 second

DIMENSIONS

NOTES:
1. MODEL NUMBER, DATE OF MANUFACTURE, PLANT LOCATION CODE, AGENCY RECOGNITION CODE, INSPECTOR'S CODE, MANUFACTURER'S NAME, "US PATENTS PENDINIG", VOLTAGE AND FREQUENCY, AND CUSTOMER'S PART NO. TO APPEAR ON MOTOR.
2. MOTOR HAS NO END PLAY.
3. REFERENCE: NO LOAD PERFORMANCE AT 140 VOLTS: 2.25/1.85 AMPS, 330/250 WATTS.
4. GROUND TEST ON 1800 VOLTS, 60HZ. MAXIMUM LEAKAGE 3.0 MILLIAMPS.
5. MOTOR INSULATION CLASS B.
6. MOTOR LIFE: 600 HOURS MINIMUM.



AMETEK Dynamic Fluid Solutions
www.ametekdfs.com

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