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GAU-MTR-3P-480Y-0.86KW-1.7K-IMB3.FM

0.86 kW General Area Motor - 480V Wye 3PH, 60Hz - 1716 RPM, IMB3 Foot Mount

Product ID: 321088

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

GAU-MTR-3P-480Y-0.86KW-1.7K-IMB3.FM General Area Motor

Unit Type: Motor
Dimensions: 11.41"L x 8.66"H x 6.49"W
Weight: 39.68 lbs
Phase: Three Phase
Voltage: 480V AC Wye ±5%
Frequency: 60 Hz ±2 %
Poles: 4
Output Horsepower: -
Kilowatt: 0.86 kW
Rotations per Minute: 1716 RPM
Motor Frame: 80M
Rated Current: 1.7A
Rated Torque: 4.78 Nm
Efficiency: 82.5%
Ist/In: 6.6
Tst/Tn: 2.3
Tmax/Tn: 2.3
Vibration Severity: ≤2.3 mm/s
Rotation: Bi-directional
Rated Current: 1.7A
Service Factor: 1.00
Duty Type: S1
Insulation Class/Temp Rise: F/B ≤80K)
Sound Pressure Level: IEC60034-9
Ambient Temperature Rating: -15°C to 40°C
Altitude (Above Sea Level) : 1000M
Ambient Relative Humidity: ≤ 90%
Materials: Cast Iron Frame
Mount: IMB3 Foot Mount
Terminal Box Location: Top Right

Ratings

IP55
TEFC Cooling (IC411)
IE3 Energy Efficient Standard

Special Orders- Requirements

Contact us for special requirements
Phone: 1-903-270-1187
Toll Free: 1-800-369-6671
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The Larson Electronics GAU-MTR-3P-480Y-0.86KW-1.7K-IMB3.FM General Area Use Motor

is recommended for use in industrial sites. The 0.86 kW unit is compatible with three-phase 480V AC Wye 60 Hz and generates 1.7 rated current. This IE3 rated motor caters to IMB3 foot mounting installations.

The GAU-MTR-3P-480Y-0.86KW-1.7K-IMB3.FM is an electric motor for rugged work sites. This thermally protected unit operates with three-phase 480V AC Wye, 60 Hz. The 0.86 kW motor offers 1.7A during use. Capable of generating 1716 RPM, this motor is totally enclosed and fan-cooled (TEFC).

Protected by a cast iron frame, the IP55-rated motor features an ambient temperature rating of 40°C. This unit features Class F insulation and 1.00 service factor. Operators can access a terminal box at the top right of the unit for wiring connections.

Mount: The GAU-MTR-3P-480Y-0.86KW-1.7K-IMB3.FM is compatible with IMB3 foot mounting installations.

Applications: Industrial facilities, pumps, mixers, conveyors, manufacturing, food processing, chemical plants and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

There are no Faqs

Export Control Classification Number (ECCN): EAR99

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- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)