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GAU-MTR-3P-795V-12HP-3.508K-215T

12 HP General Area Use Motor - 795V 3PH, 50/60Hz - 3508 RPM - Foot Mount - 215T Frame

Product ID: 317508



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-795V-12HP-3.508K-215T General Area Use Motor

Listing: United States & Canada
Dimensions: 13.752" x 8.677"
Weight: 123.46 lbs
Phase: Three Phase
Number of Poles: (2)
Voltage: 400/690V AC or 460/795V AC
Frequency: 50/60 Hz
Output Horsepower: 10 HP / 12 HP
Kilowatt: 7.5/8.6 kW
Rotations per Minute: 2912 / 3508 RPM
Power Factor: 0.88
Motor Frame: 215T
Rated Current: 13.6/7.85 A or 13.4/7.7 A
Locked Rotor Amps Ist/IN: 690%
No-load Current: -
Service Factor: 1.2
Load Efficiency (@ 50% Load): 89.1%
Load Efficiency (@ 75% Load): 90.1%
Lubricant: Shell Gadus S5 V220-2
Insulation Class: Class F
Vibration Class: Class A

Ratings

Class I, Division 1 Groups C,D
Class II, Division 1 Groups F,G
IP55
TEFC Cooling

Noise: 73 dBA (@ 50/60 Hz)

Altitude: 3,300ft Above Sea Level

Ambient Temperature Rating: -20°C to 40°C

Housing Materials: Aluminum

Mount: Foot Mount

Wiring: 24" (+2/-0) Leads

Terminal Box Hub: 3/4" NPT

Color: Blue

Special Orders- Requirements
Contact us for special requirements

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The Larson Electronics GAU-MTR-3P-795V-12HP-3.508K-215T General Area Use Motor is recommended for use in Class I, Division 1 Groups C, D and Class II, Division 1 Groups F, G rated work sites. The 12 HP unit is compatible with three-phase 795V AC 50/60 Hz This Class F insulation rated explosion proof motor features a 215T motor frame and can be installed with industrial systems via an integrated mounting foot.

The GAU-MTR-3P-795V-12HP-3.508K-215T is a fractional explosion proof motor for flammable work sites. This thermally protected unit operates with three-phase 795V AC, 50/60 Hz. The 12 HP motor offers 13.4 A locked rotor amps. Capable of generating 3508 RPM, this motor is totally enclosed and fan-cooled (TEFC).

The IP55-rated explosion proof motor features an ambient temperature rating of 40°C. This unit is protected by a 215T motor frame and features Class F insulation, with 1.2 service factor.

Wiring: The GAU-MTR-3P-795V-12HP-3.508K-215T comes with 24" of +2/-0 leads for electrical connections and an unassembled aluminum conduit box. This terminal box contains a 3/4" NPT hub.

Mount: The GAU-MTR-3P-795V-12HP-3.508K-215T is foot mounted for supporting the motor's weight, resulting in sturdy and secure installations. Feet components are typically fixed on the surface, which reduces unnecessary movements during operation.

Applications: Hazardous locations, 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.

Frequently Asked Questions (FAQ)