

2 HP Explosion Proof Motor - Class I, II - 480V 3PH 60Hz, 2.7 FLA - 1500 RPM - C Face/Foot Mount

EXP-MTR-3P-480-2HP-1.5K-56C



EXP-MTR-3P-480-2HP-1.5K-56C Explosion Proof Motor

Dimensions: 15.04" x 6.92" x 6.98"

Weight: 48 lbs

Phase: Three Phase

Voltage: 480V AC

Frequency: 60 Hz

Poles: 4

Output Horsepower: 2 HP

Kilowatt: 1.5 KW

Rotations per Minute: 1500 RPM

Motor Frame: NEMA 56HC

Full Load Amps @ High: 2.7 FLA

FL Efficiency: 86.5%

Service Factor: 1

Insulation: Class F

Noise: -

Ambient Temperature Rating: 50°C

Materials: Aluminum

Mount: C Face Flange/Foot Mount

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

Color: Black

Ratings

Listed for United States & Canada

Class I, Division 1 Groups C,D

Class II, Division 1 Groups F,G

T3B Temperature Rating

IP55

TEFC Cooling

Aluminum Endshields

Special Orders- Requirements

Contact us for special requirements

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The Larson Electronics EXP-MTR-3P-480-2HP-1.5K-56C Explosion Proof 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 2 HP unit is compatible with 480V AC three phase 60 Hz and offers 2.7 FLA @ high. This Class F insulation rated explosion proof motor features a NEMA 56HC motor frame and can be installed with industrial systems via an integrated mounting foot and C-face flange.

The EXP-MTR-3P-480-2HP-1.5K-56C is a fractional explosion proof motor for flammable work sites. This thermally protected unit operates with 480V AC three phase 60 Hz. The 2 HP motor offers 2.7 full-load amps @ high with 86.5% full-load efficiency. Capable of generating 1,500 RPM, this motor is totally enclosed and fan-cooled (TEFC).

The IP55-rated explosion proof motor features an ambient temperature rating of 50°C. Equipped with aluminum endshields, this unit is protected by a NEMA 56HC

motor frame and features Class F insulation, with 1.0 service factor.

Wiring: The EXP-MTR-3P-480-2HP-1.5K-56C comes with 24" of +2/-0 leads for electrical connections and an unassembled aluminum conduit box.

Mount: The EXP-MTR-3P-480-2HP-1.5K-56C contains C-face flange and foot mounting components for supporting the motor's weight at both ends. The face of the motor features threaded mounting holes for ease of installation. 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.

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