

**EXP-MTRPC-3P-480V-5HP-3.6K-56J-180GPM**

**5 HP ATEX Explosion Proof Motor/Pump Combination - Class I, II - 480V 3PH 60 Hz - 3600 RPM - Base Mount - 56J Frame - 180 GPM Flow Rate**

**Product ID: 332316**

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



Image: EXP-MTRPC-3P-480V-5HP-3.6K-56J-180GPM

**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.**

**EXP-MTRPC-3P-480V-5HP-3.6K-56J-180GPM Explosion Proof Motor/Pump Combination**

**Listing:** United States & Canada

**Dimensions:** 15.862" x 11.193" x 8.909"

**Weight:** 130 lbs

**Phase:** Three Phase

**Voltage:** 480V AC

**Frequency:** 60 Hz

**Poles:** 4

**Output Horsepower:** 5 HP

**Kilowatt:** 3.7 KW

**Rotations per Minute:** 3600 RPM

**Motor Frame:** 56J

**Full Load Amps:** 5.07 FLA @ 480V

**FL Efficiency:** 89.5%

**Service Factor:** 1.15

**Insulation:** Class F

**Pump Flow Rate:** 180 GPM

**Pump Inlets:** (2)

**Pump Outlets:** (2)

**Ratings**

Class I, Division 1 Groups C,D

Class II, Division 1 Groups F,G

IP54

ATEX Explosion Proof

Aluminum Endshields

TEFC Cooling



**Fluid Type:** Glycol/Water Mix 50/50

**Pump Temperature Class:** 200°C

**Noise:** 56 dBA

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

**Materials:** Aluminum

**Mount:** Base Mount

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

**Color:** Blue

**Special Orders - Special Requirements**

Contact us for special requirements

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**The Larson Electronics EXP-MTRPC-3P-480V-5HP-3.6K-56J-180GPM Explosion Proof Motor/Pump Combination is recommended for use in Class I, Division 1 Groups C, D and Class II, Division 1 Groups F, G rated work sites. The 5 HP unit is compatible with three-phase 480V AC 60 Hz. This Class F insulation rated explosion proof motor features a 56J motor frame and can be installed with industrial systems via an integrated mounting foot.**

The EXP-MTRPC-3P-480V-5HP-3.6K-56J-180GPM is a fractional explosion proof motor/pump combination for flammable work sites. This thermally protected unit operates with three-phase 480V AC, 60 Hz. Capable of generating 3600 RPM, this combination is totally enclosed and fan-cooled (TEFC).

The IP54-rated explosion proof motor features an ambient temperature rating of 40°C. Equipped with aluminum endshields, this unit is protected by a 56J motor frame and features Class F insulation, with 1.15 service factor.

**Wiring:** The EXP-MTRPC-3P-480V-5HP-3.6K-56J-180GPM comes with 24" of +2/-0 leads for electrical connections and an unassembled aluminum conduit box.

**Mount:** The EXP-MTRPC-3P-480V-5HP-3.6K-56J-180GPM is base mounted for supporting the motor's weight for sturdy, 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](mailto: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 Fags



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