

# Jet Pump (Centrifugal), 3-Phase Totally Enclosed Motors

## C-Face Footed (Removable Base) 56J

### Features

- Service Factor is 1.15
- Double-sealed ball bearings, mechanically locked on shaft end
- Continuous Duty
- Nameplate 60/50 Hz, 190/380 volts at next lower HP, as noted
- 56J = 416 stainless steel threaded shaft with slinger
- UL Recognized, CSA Certified and CE Mark
- Drip cover kit included
- IP43 Rating

### Applications

- Replaces 90 volt and 180 volt PMDC motors (when used with AC variable frequency drives)
- Typical uses include: jet pumps and jet pump motor replacements, well pumps, and liquid pumping applications.



### Motor Shipping Schedule \*

Same or one day \*

Up to 7 days

Up to 10 days

Color indicates shipping lead time in business days. Check stock status online.

\* Certain heavy and oversized items can be shipped only via LTL.

Check our website for current shipping method constraints by part number.

### Motor Specifications – Jet Pump (Centrifugal) 3-Phase Totally Enclosed Motors

| Part Number*          | Price    | HP    | Base RPM | Volts                     | Encl. | NEMA Design | NEMA Frame | Model No.     | F.L. Amps                     | Weight (lb)* | Footnotes                                              | Drawing Links       |
|-----------------------|----------|-------|----------|---------------------------|-------|-------------|------------|---------------|-------------------------------|--------------|--------------------------------------------------------|---------------------|
| <a href="#">J061</a>  | \$348.00 | 1/2   | 3600     | 208-230 / 460 - 190 / 380 | TEFC  | B           | 56J        | 56T34F5342 D  | 2.0 - 2.2 / 1.1 - 1.85 / 0.92 | 23           | 68                                                     | <a href="#">PDF</a> |
| <a href="#">J063A</a> | \$494.00 | 1     |          | 230 / 460 - 190 / 380     |       |             |            | 56T34F99029 A | 3 / 0 / 1.5 - 2.6 / 1.3       | 25           | 68<br>Nameplate footnote:<br>Suitable for 208V at 60Hz | <a href="#">PDF</a> |
| <a href="#">J064A</a> | \$611.00 | 1-1/2 |          | 208-230 / 460 - 190 / 380 |       |             |            | 56T34F99018 A | 4.2 - 4.0 / 2.0 - 3.4 / 1.7   | 26           | 68                                                     | <a href="#">PDF</a> |
| <a href="#">J065A</a> | \$704.00 | 2     |          | 230 / 460 - 190 / 380     |       |             |            | 56T34F15592 A | 5.0 / 2.5 - 4.6 / 2.3         | 30           | 68<br>Nameplate footnote:<br>Suitable for 208V at 60Hz | <a href="#">PDF</a> |
| <a href="#">J066A</a> | \$728.00 | 3     |          |                           |       |             |            | 056T34F15601  | 7.6 / 3.8 - 6.4 / 3.2         | 48           |                                                        | <a href="#">PDF</a> |

\* Refer to the Motor Shipping Schedule table for shipping information.

Certain heavy and oversized items can be shipped only via LTL. Check our website for current shipping method constraints by part number.

Footnotes: 68 = Rated 60/50 hertz, 190/380 or 380 volt at next lower horsepower

Note: Please review the AutomationDirect Terms & Conditions for warranty and service on this product. Warranty service can be arranged through numerous Marathon Electric service centers. See list of service centers on our website at [www.automationdirect.com](http://www.automationdirect.com).

### Performance Data – Jet Pump (Centrifugal) 3-Phase Totally Enclosed Motors

| Part Number           | HP    | F.L. RPM | Min. RPM | F.L. AMPS @460V | N.L. AMPS @460V | F.L. Torque (lb-ft) | B.D. Torque (lb-ft) | Max. CHP RPM* | Max. Safe RPM | F.L. Effic. | F.L. Power Factor | Rotor Inertia (lb-ft²) |
|-----------------------|-------|----------|----------|-----------------|-----------------|---------------------|---------------------|---------------|---------------|-------------|-------------------|------------------------|
| <a href="#">J061</a>  | 1/2   | 3450     | 345      | 1.1             | 0.7             | 0.76                | 3.8                 | 2700          | 4000          | 66          | 69.7              | 0.02                   |
| <a href="#">J063A</a> | 1     |          |          | 1.5             | 0.75            | 1.5                 | 4.8                 |               |               | 78.5        | 79.1              | 0.023                  |
| <a href="#">J064A</a> | 1-1/2 |          |          | 2.0             | 0.9             | 2.2                 | 9.6                 |               |               | 84          | 83.5              | 0.045                  |
| <a href="#">J065A</a> | 2     |          |          | 2.5             | 1               | 3.0                 | 12.2                |               |               | 85.5        | 86                | 0.065                  |
| <a href="#">J066A</a> | 3     |          |          | 3.8             | 1.7             | 4.5                 | 22.7                |               |               | 87.5        | 84                | 0.045                  |

\* Maximum Constant HP RPM is for direct-coupled loads.