

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
J061		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	PDF
J063A		1		230 / 460 - 190 / 380				56T34F99029 A	3 / 0 / 1.5 - 2.6 / 1.3	25	68 Nameplate footnote: Suitable for 208V at 60Hz	PDF
J064A		1-1/2		208-230 / 460 - 190 / 380				56T34F99018 A	4.2 - 4.0 / 2.0 - 3.4 / 1.7	26	68	PDF
J065A		2		230 / 460 - 190 / 380				56T34F15592 A	5.0 / 2.5 - 4.6 / 2.3	30	68 Nameplate footnote: Suitable for 208V at 60Hz	PDF
J066A		3						056T34F15601	7.6 / 3.8 - 6.4 / 3.2	48		PDF

* 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.

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-ft ²)
J061	1/2	3450	345	1.1	0.7	0.76	3.8	2700	4000	66	69.7	0.02
J063A	1			1.5	0.75	1.5	4.8			78.5	79.1	0.023
J064A	1-1/2			2.0	0.9	2.2	9.6			84	83.5	0.045
J065A	2			2.5	1	3.0	12.2			85.5	86	0.065
J066A	3			3.8	1.7	4.5	22.7			87.5	84	0.045

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