LEESON®

Jet Pump (Centrifugal), 1-phase Totally Enclosed Motors

C-Face Footless, 56J



Features

- Service Factor is 1.0 or 1.5, depending on model
- Double-sealed ball bearings, mechanically locked on shaft end
- Capacitor start/capacitor run design for higher efficiency, as noted
- Automatic reset thermal protector
- 416 stainless steel threaded shaft with slinger (NEMA 56 frame)
- Drip cover not included
- UL Recognized and CSA Certified

Applications

- Typical uses include: jet pumps and jet pump motor replacements.

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) 1-phase Totally Enclosed Motors

Part Number*	Price	hp	Base rpm	Volts	Encl.	NEMA Design	NEMA Frame	Model No.	Weight (lb)*	Footnotes	Drawing Links
C1336	$403.00	1/3	3600	115/230	TEFC	N/A**	56J	5KC33FN4180X	13.5	None	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.

** Data not available from manufacturer.

Footnotes: 1 = Capacitor Start/Capacitor Run design for reduced amperage
15 = Fixed CW Rotation, viewing opposite shaft (or lead end) of motor
ES = Energy Saver Design

Note: Please review the AutomationDirect Terms & Conditions for warranty and service on this product.

Performance Data 1-phase 56J Frame Motors (230V/60Hz except as indicated) Jet Pump (Centrifugal) Totally Enclosed Motors

Part Number	hp	F.L. rpm	Current @ 115V/230V (Amps)			Torque (lb·ft)			F.L. Effic. %	F.L. Power Factor	Rotor Inertia (lb·ft2)
			No Load 230V	Full Load 115/230V	Locked Rotor	Full Load	Locked Rotor	Break-down			
C1336	1/3	3450	2.3	5.6 / 2.8	14	0.51	1.33	1.51	N/A**	N/A**	0.012

* Maximum Constant hp rpm is for direct-coupled loads.

** Data not available from manufacturer

LEESON®

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*
J063A	$503.00	1	3600	230 / 460 - 190 / 380	TEFC	B	56J	56T34F99029 A	3 / 0 /1.5 - 2.6 / 1.3	25	68 Nameplate footnote: Suitable for 208V at 60Hz	PDF
J064A	$622.00	1-1/2		208-230 / 460 - 190 / 380				56T34F99018 A	4.2 - 4.0 / 2.0 - 3.4 / 1.7	26	68	PDF
J065A	$704.00	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

*** 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.

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)*
J063A	1	3450	345	1.5	0.75	1.5	4.8	2700	4000	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

*** Maximum Constant hp rpm is for direct-coupled loads.**

LEESON®

Fan & Blower - Capacitor Start, Drip-proof Motors



Resilient Base

Features

- Ball bearings
- Heavy gauge steel frame and base
- Service factor, as noted
- Capacitor start/capacitor run
- Thermal protection, as noted
- UL recognized and CSA certified

Applications

- Typical uses include machine tools, conveyors, packaging machines, batching machines, food and beverage equipment, pumps, and fans.

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 – Fan & Blower - Capacitor Start, One- and Two-Speed, Dripproof Motors

Part Number*	Price	hp	Base rpm	Volts	Service Factor	Encl.	NEMA Design	NEMA Frame	Model No.	Weight (lb)**	Notes	Drawing Links
G1115	$231.00	1/4	1800	115 / 230	1.35	DP	N	48	5KC35JN7X	16	Auto Overload	PDF
C216	$262.00	1/3	1800	115 / 208-230	1.35		N/A***	56	5KC36LN1X	18		PDF
C1152	$232.00	1/2	3600	115 / 208-230	1.25			48	5KC39QN3220X	19		PDF
C1153	$370.00	1/2	1800	115 / 208-230	1.25			56	5KC49GN0022X	21		PDF
C1155	$283.00	3/4	3600	115 / 208-230	1.25				5KC38NN410X	17		PDF
B319	$389.00	3/4	1800	115 / 208-230	1.25		N		056C17D2074	23		PDF
D118	$359.00	1	3600	115 / 208-230	1.15				056C34D2106	25		PDF
C1158	$491.00	1	1800	115 / 208-230	1.15		N/A***		5KC49PN0164X	29		PDF
C235	$413.00	1	1800	115 / 208-230	1.15				5KC49PN0155	31	No Overload	PDF
D115	$487.00	1-1/2	3600	115 / 208-230	1.15		N		056B34D2027	28	Auto Overload	PDF
C1160	$515.00	1-1/2	1800	115 / 208-230	1.15			56H	5KCR49SN0150X	35		PDF
C1161	$557.00	2	3600	115 / 208-230	1.2				5KCR49RN2148T	33		PDF
B352	$665.00	2	1800	115 / 208-230	1.15				056B17D5331	50		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.**
***** Data not available from manufacturer.**
Note: Please review the AutomationDirect Terms & Conditions for warranty and service on this product.

Fan & Blower - Capacitor Start, Drip-proof Motors

Resilient Base

Performance Data - Fan & Blower - Capacitor Start, One and Two-Speed, Drip-proof Motors											
Part Number	hp	F.L. rpm	Current @ 115V/230V (Amps)			Torque (lb·ft)			F.L. Effic. %	F.L. Power Factor	Rotor Inertia (lb·ft2)
			No Load 230V	Full Load 115/230V	Locked Rotor	Full Load	Locked Rotor	Break-down			
G1115	1/4	1725	N/A*	5.2 / 2.6	24.8 / 12.4	0.76	2.91	2.13	52.5	58.0	N/A*
C216	1/3	1725	2.4	6.0 / 3.0	30.66 / 15.33	1.01	3.38	2.63	62	N/A*	
C1152	1/2	3450	2.5	8.2 / 4.1	54.8 / 27.4	0.76	3.83	2.37		N/A*	
C1153	1/2	1725	3.6	8.6 / 4.3	34.8 / 17.4	1.53	3.19	4.89		N/A*	
C1155	3/4	3450	3.0	10.0 / 5.0	64 / 32	1.13	3.11	3.75		N/A*	
B319	3/4	1725	3.2	10.0 / 5.0	N/A*	2.28	3.09	4.94	70.1	69.6	
D118	1	3450	3.8	12.0 / 6.0	44.2 / 22.1	3.04	4.69	8.20	72	76	
C1158	1	1725	5.3	14.7 / 7.4	71.8 / 35.9	3.04	4.69	8.20	70	N/A*	
C235	1	1725	5.1	13.6 / 6.8	75.8 / 37.9	3.04	10.32	7.40			
D115	1-1/2	3450	1.6	13.0 / 6.5	83.6 / 41.8	2.25	3.63	5.20	78.7		
C1160	1-1/2	1725	N/A*	16.4 / 8.2	N/A*	4.57	N/A*	N/A*	77		
C1161	2	3450	4.2	19.6 / 9.8	133 / 66.5	3.04	3.87	7.80			
B352	2	1725	5.4	21.0 / 10.5	131.8 / 65.9	6.03	19.50	15.70	78.6	78.3	

*** Data not available from manufacturer**