

DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer :																													
Product line		: Jet Pump - J type Single-Phase		Product code : 13665158 Catalog # : 00156OS1BJPR56J-S																									
Frame : 56J Output : 1.5 HP (1.1 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 115/208-230 V Rated current : 17.3/9.51-8.63 A L. R. Amperes : 126/69.4-63.0 A LRC : 7.3x(Code L) No load current : 11.0/4.74-5.50 A Rated speed : 3500 rpm Slip : 2.78 % Rated torque : 2.25 ft.lb Locked rotor torque : 250 % Breakdown torque : 270 % Insulation class : F Service factor : 1.30 Moment of inertia (J) : 0.0589 sq.ft.lb Design : L			Locked rotor time : 10s (cold) 6s (hot) Temperature rise : 80 K Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Cooling method : IC01 - ODP Mounting : F-1 Rotation ¹ : CCW Noise level ² : 58.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 31.1 lb																										
Output	25%	50%	75%	100%	Foundation loads Max. traction : 44 lb Max. compression : 75 lb																								
Efficiency (%)	63.0	65.0	70.0	72.0																									
Power Factor	0.33	0.57	0.69	0.77																									
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This revision replaces and cancel the previous one, which must be eliminated. (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load.			These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.																										
Rev.	Changes Summary			Performed	Checked	Date																							
Performed by																													
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Date	28/06/2022				Page 1 / 1	Revision																							