

DATA SHEET



Single Phase Induction Motor - Squirrel Cage

Customer :																						
Product line : Rolled Steel Single-Phase			Product code : 13038400																			
			Catalog # : 00336OT1B56-S																			
Frame : 56H Output : 3 HP (2.2 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 115/208-230 V Rated current : 24.4/13.5-12.2 A L. R. Amperes : 200/111-100 A LRC : 8.2x(Code J) No load current : 7.80/3.36-3.90 A Rated speed : 3500 rpm Slip : 2.78 % Rated torque : 4.50 ft.lb Locked rotor torque : 220 % Breakdown torque : 280 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 0.0944 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 : Both (CW and CCW) Noise level ² : 58.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 46.8 lb																			
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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				Page Revision 1 / 1																		
Checked by																						
Date		31/07/2023																				