

DATA SHEET



Single Phase Induction Motor - Squirrel Cage

Customer :																						
Product line : Rolled Steel Single-Phase			Product code : 13283993																			
			Catalog # : 00236ES1B56-S																			
Frame : 56H Output : 2 HP (1.5 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 115/208-230 V Rated current : 17.5/9.62-8.73 A L. R. Amperes : 136/75.0-68.1 A LRC : 7.8x(Code J) No load current : 5.00/2.16-2.50 A Rated speed : 3495 rpm Slip : 2.92 % Rated torque : 3.01 ft.lb Locked rotor torque : 220 % Breakdown torque : 250 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 0.0707 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. Protection degree : IP55 Cooling method : IC411 - TEFC Mounting : F-1 Rotation ¹ : Both (CW and CCW) Noise level ² : 68.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 37.9 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 1 / 1 Revision																	
Checked by																						
Date		26/03/2024																				