

DATA SHEET



Single Phase Induction Motor - Squirrel Cage

Customer :																						
Product line : Rolled Steel 00021 Single-Phase			Product code : 13248667																			
			Catalog # : 00158OT1BRBO56-S																			
Frame : 56H Output : 1.5 HP (1.1 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 115/208-230 V Rated current : 13.0/7.52-6.49 A L. R. Amperes : 105/60.9-52.6 A LRC : 8.1x(Code K) No load current : 4.60/1.98-2.30 A Rated speed : 1740 rpm Slip : 3.33 % Rated torque : 0.626 kgfm Locked rotor torque : 320 % Breakdown torque : 229 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 0.0057 kgm ² Design : L			Locked rotor time : 39s (cold) 22s (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 : 52.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 21.5 kg																			
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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																						
Checked by				Page	Revision																	
Date	24/04/2023			1 / 1																		