

DATA SHEET



Single Phase Induction Motor - Squirrel Cage

Customer :																						
Product line : Rolled Steel Single-Phase			Product code : 15098627																			
			Catalog # : 00536OS1D184T-S																			
Frame : 182/4T Output : 5 HP (3.7 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 230 V Rated current : 19.3 A L. R. Amperes : 133 A LRC : 6.9x(Code G) No load current : 2.80 A Rated speed : 3495 rpm Slip : 2.92 % Rated torque : 1.04 kgfm Locked rotor torque : 290 % Breakdown torque : 250 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 0.0066 kgm ² 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) Starting method : Direct On Line Approx. weight ³ : 31.0 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				Page 1 / 1 Revision																		
Checked by																						
Date		31/07/2023																				