

# DATA SHEET



## Single Phase Induction Motor - Squirrel Cage

Customer :																						
Product line : Rolled Steel Single-Phase			Product code : 15099741																			
			Catalog # : 00318OS1C184T-S																			
Frame : 182/4T Output : 3 HP (2.2 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 208-230 V Rated current : 13.7-12.8 A L. R. Amperes : 95.9-89.6 A LRC : 7.0x(Code H) No load current : 4.91-5.70 A Rated speed : 1765 rpm Slip : 1.94 % Rated torque : 8.93 ft.lb Locked rotor torque : 275 % Breakdown torque : 245 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 0.2781 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 <sup>1</sup> : Both (CW and CCW) Starting method : Direct On Line Approx. weight <sup>3</sup> : 65.9 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      Revision 1 / 1																		
Checked by																						
Date		31/07/2023																				