

# DATA SHEET



## Single Phase Induction Motor - Squirrel Cage

Customer :																						
Product line : Rolled Steel Single-Phase			Product code : 15110002																			
			Catalog # : 00336OS1C184T-S																			
Frame : 182/4T Output : 3 HP (2.2 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 208-230 V Rated current : 14.3-12.4 A L. R. Amperes : 87.2-75.6 A LRC : 6.1x(Code G) No load current : 2.25-2.60 A Rated speed : 3470 rpm Slip : 3.61 % Rated torque : 4.54 ft.lb Locked rotor torque : 185 % Breakdown torque : 195 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 0.1305 sq.ft.lb Design : L			Locked rotor time : 23s (cold) 13s (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> : 59.5 lb																			
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Output</td> <td>25%</td> <td>50%</td> <td>75%</td> <td>100%</td> </tr> <tr> <td>Efficiency (%)</td> <td>0.000</td> <td>80.1</td> <td>82.4</td> <td>81.5</td> </tr> <tr> <td>Power Factor</td> <td>0.00</td> <td>0.92</td> <td>0.95</td> <td>0.95</td> </tr> </table>			Output	25%	50%	75%	100%	Efficiency (%)	0.000	80.1	82.4	81.5	Power Factor	0.00	0.92	0.95	0.95	Foundation loads Max. traction : 26 lb Max. compression : 86 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																				