

# DATA SHEET

## Single Phase Induction Motor - Squirrel Cage



Customer :					
Product line : General Single-Phase		Product code : 11396850 Catalog # : 00318OS1CCDOL184T			
Frame : 184T Output : 3 HP (2.2 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 208-230 V Rated current : 18.6-17.5 A L. R. Amperes : 121-114 A LRC : 6.5x(Code K) No load current : 9.92-11.5 A Rated speed : 1750 rpm Slip : 2.78 % Rated torque : 8.88 ft.lb Locked rotor torque : 210 % Breakdown torque : 200 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 0.4319 sq.ft.lb		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 : IP22 Cooling method : IC01 - ODP Mounting : F-1 Rotation <sup>1</sup> : Both (CW and CCW) Noise level <sup>2</sup> : 60.0 dB(A) Starting method : Direct On Line Approx. weight <sup>3</sup> : 93.6 lb			
Output	50%	75%	100%	Foundation loads Max. traction : 66 lb Max. compression : 160 lb	
Efficiency (%)	71.0	74.0	75.0		
Power Factor	0.56	0.68	0.75		
		<u>Drive end</u> Bearing type : 6206 ZZ Sealing : Without Bearing Seal Lubrication interval : - Lubricant amount : - Lubricant type : Mobil Polyrex EM	<u>Non drive end</u> 6205 ZZ Without Bearing Seal - -		
Notes					
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					
Date	24/01/2018			Page 1 / 1	Revision