

DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer :					
Product line : General Single-Phase		Product code : 10016488 Catalog # : 00518OS1CCD184T			
Frame : 184T Output : 5 HP (3.7 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 208-230 V Rated current : 23.0-20.5 A L. R. Amperes : 152-135 A LRC : 6.6x(Code G) No load current : 4.31-5.00 A Rated speed : 1750 rpm Slip : 2.78 % Rated torque : 14.8 ft.lb Locked rotor torque : 254 % Breakdown torque : 250 % Insulation class : F Service factor : 1.25 Moment of inertia (J) : 0.4983 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 ¹ : Both (CW and CCW) Starting method : Direct On Line Approx. weight ³ : 96.5 lb			
Output	50%	75%	100%	Foundation loads Max. traction : 188 lb Max. compression : 285 lb	
Efficiency (%)	74.0	80.0	82.5		
Power Factor	0.90	0.92	0.95		
		<u>Drive end</u>	<u>Non drive end</u>		
Bearing type	:	6206 ZZ	6205 ZZ		
Sealing	:	Without Bearing Seal	Without Bearing Seal		
Lubrication interval	:	-	-		
Lubricant amount	:	-	-		
Lubricant type	:	Mobil Polyrex EM			
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