

DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer :																							
Product line : General Single-Phase			Product code : 11206171 Catalog # : 00518OS1CCDOL184T																				
Frame : 184T Output : 5 HP (3.7 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 208-230 V Rated current : 23.5-21.5 A L. R. Amperes : 153-140 A LRC : 6.5x(Code H) No load current : 0.000-7.20 A Rated speed : 1745 rpm Slip : 3.06 % Rated torque : 14.8 ft.lb Locked rotor torque : 220 % Breakdown torque : 200 % Insulation class : F Service factor : 1.15 Moment of inertia (J)			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 : 95.5 lb																				
Output	25%	50%	75%	100%	Foundation loads																		
Efficiency (%)	0.000	81.5	82.5	82.5	Max. traction : 142 lb																		
Power Factor	0.00	0.82	0.87	0.91	Max. compression : 237 lb																		
<table border="0" style="width: 100%;"> <tr> <td></td> <td style="text-align: center;"><u>Drive end</u></td> <td style="text-align: center;"><u>Non drive end</u></td> </tr> <tr> <td>Bearing type :</td> <td style="text-align: center;">6206 ZZ</td> <td style="text-align: center;">6205 ZZ</td> </tr> <tr> <td>Sealing :</td> <td style="text-align: center;">Without Bearing Seal</td> <td style="text-align: center;">Without Bearing Seal</td> </tr> <tr> <td>Lubrication interval :</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Lubricant amount :</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Lubricant type :</td> <td colspan="2" style="text-align: center;">Mobil Polyrex EM</td> </tr> </table>							<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	
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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																		
Performed by																							
Checked by																							
Date	24/01/2018			Page 1 / 1	Revision																		