

# DATA SHEET

## Single Phase Induction Motor - Squirrel Cage



Customer :																							
Product line		: Poultry Fan Single-Phase Split Phase		Product code : 11554098																			
				Catalog # : .3318ES1BPFC48																			
Frame : C48 Output : 0.33 HP (0.25 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 115/208-230 V Rated current : 6.00/2.90-3.00 A L. R. Amperes : 33.0/16.0-16.5 A LRC : 5.5x(Code N) No load current : 5.40/2.33-2.70 A Rated speed : 1740 rpm Slip : 3.33 % Rated torque : 0.983 ft.lb Locked rotor torque : 130 % Breakdown torque : 280 % Insulation class : B Service factor : 1.25 Moment of inertia (J) : 0.0399 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 : IP44 Cooling method : IC410 - TEAO Mounting : F-1 Rotation <sup>1</sup> : Both (CW and CCW) Starting method : Direct On Line Approx. weight <sup>3</sup> : 20.8 lb																				
Output	25%	50%	75%	100%	Foundation loads																		
Efficiency (%)	47.5	51.0	59.0	64.0	Max. traction : 20 lb																		
Power Factor	0.21	0.38	0.46	0.56	Max. compression : 41 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;">6203 ZZ</td> <td style="text-align: center;">6202 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 :	6203 ZZ	6202 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				Page 1 / 1																			
Checked by																							
Date	22/01/2018																						
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