

# DATA SHEET



## Single Phase Induction Motor - Squirrel Cage

Customer :																						
Product line : Motor Single-Phase			Product code : 11412691																			
			Catalog # : 01018OS1CCD215T																			
Frame : 215T Output : 10 HP (7.5 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 208-230 V Rated current : 46.3-41.8 A L. R. Amperes : 329-297 A LRC : 7.1x(Code H) No load current : 7.45-11.9 A Rated speed : 1730 rpm Slip : 3.89 % Rated torque : 30.4 ft.lb Locked rotor torque : 280 % Breakdown torque : 210 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 1.15 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 : IP21 Cooling method : IC01 - ODP Mounting : F-1 Rotation <sup>1</sup> : CCW Starting method : Direct On Line Approx. weight <sup>3</sup> : 161 lb																			
Output            25%      50%      75%      100%			Foundation loads																			
Efficiency (%)    0.000    80.0    82.5    83.0			Max. traction                    : 279 lb																			
Power Factor     0.00    0.89    0.92    0.94			Max. compression            : 440 lb																			
<table style="width:100%; border:none;"> <tr> <td style="width:30%;"></td> <td style="width:35%; text-align:center;"><u>Drive end</u></td> <td style="width:35%; text-align:center;"><u>Non drive end</u></td> </tr> <tr> <td>Bearing type :</td> <td style="text-align:center;">6208 ZZ</td> <td style="text-align:center;">6206 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;">0 h</td> <td style="text-align:center;">0 h</td> </tr> <tr> <td>Lubricant amount :</td> <td style="text-align:center;">0 g</td> <td style="text-align:center;">0 g</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 :	6208 ZZ	6206 ZZ	Sealing :	Without Bearing Seal	Without Bearing Seal	Lubrication interval :	0 h	0 h	Lubricant amount :	0 g	0 g	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	Date																	
Performed by				Page                    Revision 1 / 1																		
Checked by																						
Date		26/03/2024																				