

# DATA SHEET



## Three Phase Induction Motor - Squirrel Cage

Customer :													
Product line : W22 NEMA Premium Efficiency Three-Phase	Product code : 13619540 Catalog # : 00312ET3EPM213/5Y-W2												
Frame : 215YZ Output : 3 HP (2.2 kW) Poles : 6 Frequency : 60 Hz Rated voltage : 208-230/460 V Rated current : 9.75-8.81/4.41 A L. R. Amperes : 68.2-61.7/30.9 A LRC : 7.0x(Code K) No load current : 0.000-5.50/2.75 A Rated speed : 1175 rpm Slip : 2.08 % Rated torque : 13.4 ft.lb Locked rotor torque : 200 % Breakdown torque : 280 % Insulation class : F Service factor : 1.25 Moment of inertia (J) : 1.20 sq.ft.lb Design : B	Locked rotor time : 104s (cold) 58s (hot) Temperature rise : 80 K Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP55 Cooling method : IC418 - TEAO Mounting : F-1 Rotation <sup>1</sup> : Both (CW and CCW) Starting method : Direct On Line Approx. weight <sup>3</sup> : 150 lb												
Output            25%       50%       75%       100% Efficiency (%)    0.000    86.5     88.5     89.5 Power Factor    0.00     0.50     0.63     0.70	Foundation loads Max. traction        : 136 lb Max. compression   : 286 lb												
Bearing type        : Sealing             : Lubrication interval : Lubricant amount   : Lubricant type      :	<table border="0"> <tr> <td style="text-align: center;"><u>Drive end</u></td> <td style="text-align: center;"><u>Non drive end</u></td> </tr> <tr> <td style="text-align: center;">6308 ZZ</td> <td style="text-align: center;">6207 ZZ</td> </tr> <tr> <td style="text-align: center;">V'Ring</td> <td style="text-align: center;">V'Ring</td> </tr> <tr> <td style="text-align: center;">0 h</td> <td style="text-align: center;">0 h</td> </tr> <tr> <td style="text-align: center;">0 g</td> <td style="text-align: center;">0 g</td> </tr> <tr> <td colspan="2" style="text-align: center;">Mobil Polyrex EM</td> </tr> </table>	<u>Drive end</u>	<u>Non drive end</u>	6308 ZZ	6207 ZZ	V'Ring	V'Ring	0 h	0 h	0 g	0 g	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													
Checked by			Page	Revision									
Date	29/03/2024		1 / 1										