

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :													
Product line : W22 NEMA Premium Efficiency Three-Phase	Product code : 13526433 Catalog # : 20009ET3GKD449T-W22												
Frame : 447/9T Output : 200 HP (150 kW) Poles : 8 Frequency : 60 Hz Rated voltage : 460 V Rated current : 254 A L. R. Amperes : 1626 A LRC : 6.4x(Code H) No load current : 115 A Rated speed : 890 rpm Slip : 1.11 % Rated torque : 1180 ft.lb Locked rotor torque : 200 % Breakdown torque : 220 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 161 sq.ft.lb Design : A	Locked rotor time : 23s (cold) 13s (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 : IC411 - TEFC Mounting : F-1 Rotation ¹ : Both (CW and CCW) Noise level ² : 66.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 3067 lb												
Output 25% 50% 75% 100% Efficiency (%) 0.000 94.5 95.0 95.0 Power Factor 0.00 0.62 0.73 0.78	Foundation loads Max. traction : 5387 lb Max. compression : 8455 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>NU-322 C3</td> <td>6319 C3</td> </tr> <tr> <td>WSeal</td> <td>WSeal</td> </tr> <tr> <td>13000 h</td> <td>17000 h</td> </tr> <tr> <td>60 g</td> <td>45 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>	NU-322 C3	6319 C3	WSeal	WSeal	13000 h	17000 h	60 g	45 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	26/03/2024		1 / 1										