

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :																			
Product line : W22 NEMA Premium Efficiency Three-Phase	Product code : 11949867																		
Frame : 588/9T Output : 400 HP (300 kW) Poles : 8 Frequency : 60 Hz Rated voltage : 575 V Rated current : 398 A L. R. Amperes : 2667 A LRC : 6.7x(Code H) No load current : 192 A Rated speed : 895 rpm Slip : 0.56 % Rated torque : 324 kgfm Locked rotor torque : 150 % Breakdown torque : 240 % Insulation class : F Service factor : 1.15	Locked rotor time : 45s (cold) 25s (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 : 75.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 2421 kg																		
<table border="1"> <tr> <td>Output</td> <td>25%</td> <td>50%</td> <td>75%</td> <td>100%</td> </tr> <tr> <td>Efficiency (%)</td> <td>0.000</td> <td>95.0</td> <td>95.6</td> <td>95.7</td> </tr> <tr> <td>Power Factor</td> <td>0.00</td> <td>0.62</td> <td>0.73</td> <td>0.79</td> </tr> </table>	Output	25%	50%	75%	100%	Efficiency (%)	0.000	95.0	95.6	95.7	Power Factor	0.00	0.62	0.73	0.79	Foundation loads Max. traction : 4119 kgf Max. compression : 6540 kgf			
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Notes:																			
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															
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Space heater information

Voltage: 200 - 240 V

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Checked by			Page	Revision
Date	13/01/2024		2 / 3	

