

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :					
Product line		: W22 NEMA Premium Efficiency Three-Phase		Product code :	13500699
				Catalog # :	40012ET3GKD586/7-W22
Frame : 586/7T Output : 400 HP (300 kW) Poles : 6 Frequency : 60 Hz Rated voltage : 460 V Rated current : 483 A L. R. Amperes : 2898 A LRC : 6.0x(Code G) No load current : 200 A Rated speed : 1190 rpm Slip : 0.83 % Rated torque : 1740 ft.lb Locked rotor torque : 220 % Breakdown torque : 210 % Insulation class : F Service factor : 1.15 Moment of inertia (J)			Locked rotor time : 52s (cold) 29s (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 : 77.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 4395 lb		
Output	25%	50%	75%	100%	Foundation loads
Efficiency (%)	94.9	95.4	95.8	96.2	Max. traction : 5433 lb
Power Factor	0.42	0.67	0.77	0.81	Max. compression : 9827 lb
		<u>Drive end</u> Bearing type : NU-322 C3 Sealing : Taconite Labyrinth Lubrication interval : 7000 h Lubricant amount : 60 g Lubricant type : Mobil Polyrex EM		<u>Non drive end</u> 6319 C3 Taconite Labyrinth 13000 h 45 g	
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.		
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Customer :

Space heater information

Voltage: 200 - 240 V

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Date	27/01/2018				