

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :					
Product line : W22 IE3 Three-Phase		Product code : 12862416			
Frame : 315L Output : 200 kW Poles : 2 Frequency : 50 Hz Rated voltage : 380/660 V Rated current : 348/200 A L. R. Amperes : 2297/1322 A LRC : 6.6 No load current : 87.4/50.3 A Rated speed : 2975 rpm Slip : 0.83 % Rated torque : 474 ft.lb Locked rotor torque : 190 % Breakdown torque : 260 % Insulation class : F Service factor : 1.00 Moment of inertia (J) : 63.6 sq.ft.lb Design : N		Locked rotor time : 41s (cold) 23s (hot) Temperature rise : 80 K Duty cycle : S1 Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP55 Cooling method : IC411 - TEFC Mounting : B3T Rotation ¹ : Both (CW and CCW) Noise level ² : 78.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 2710 lb			
Output	50%	75%	100%	Foundation loads Max. traction : 1667 lb Max. compression : 4378 lb	
Efficiency (%)	95.8	96.2	96.0		
Power Factor	0.84	0.89	0.91		
		<u>Drive end</u>	<u>Non drive end</u>		
Bearing type	:	6314 C3	6314 C3		
Sealing	:	WSeal	WSeal		
Lubrication interval	:	5000 h	5000 h		
Lubricant amount	:	27 g	27 g		
Lubricant type	:	Mobil Polyrex EM			
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 IEC 60034-1.		
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Thermal protection

ID	Application	Type	Quantity	Sensing Temperature
1	Winding	Thermistor - 2 wires	1 x Phase	155 °C

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