

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :					
Product line : W22 IE3 Three-Phase		Product code : 12862416			
Frame	: 315L	Locked rotor time	: 41s (cold) 23s (hot)		
Output	: 200 kW	Temperature rise	: 80 K		
Poles	: 2	Duty cycle	: S1		
Frequency	: 50 Hz	Ambient temperature	: -20°C to +40°C		
Rated voltage	: 380/660 V	Altitude	: 1000 m.a.s.l.		
Rated current	: 348/200 A	Protection degree	: IP55		
L. R. Amperes	: 2297/1322 A	Cooling method	: IC411 - TEFC		
LRC	: 6.6	Mounting	: B3T		
No load current	: 87.4/50.3 A	Rotation ¹	: Both (CW and CCW)		
Rated speed	: 2975 rpm	Noise level ²	: 78.0 dB(A)		
Slip	: 0.83 %	Starting method	: Direct On Line		
Rated torque	: 474 ft.lb	Approx. weight ³	: 2710 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				
Output	50%	75%	100%	Foundation loads	
Efficiency (%)	95.8	96.2	96.0	Max. traction : 1667 lb	
Power Factor	0.84	0.89	0.91	Max. compression : 4378 lb	
		<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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