DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

Product line	: W21 Explosion Proof NEMA Premium Efficiency Three-Ph				11508504	11508504	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tord Breakdown torqu Insulation class Service factor Moment of inerti Design	ue	: 6 : 60 F : 575 : 46.5 : 344 : 7.4x : 16.8 : 1182 : 1.50 : 30.7 : 229 : 250 : F : 1.15	HP (37 kW) Hz V 5 A 4 (Code H) 3 A 2 rpm 0 % 7 kgfm % %		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³	: 36s (cold) : : 80 K : Cont.(S1) : -20°C to +4 : 1000 m.a.s : IP55 : IC411 - TE : F-1 : Both (CW a : 65.0 dB(A) : Direct On L : 471 kg	40°C s.l. FC and CCW)
Output	25%	50%	75%	100%	Foundation loads		
Efficiency (%) Power Factor	93.4 0.46	93.6 0.71	94.1 0.81	94.1 0.85	Max. traction Max. compression	: 627 kgf : 1099 kgf	
Bearing type Sealing Lubrication inter		:	Oil 142	4 C3 Seal 267 h	6314 C3 Lip Seal 14267 h		
Lubricant amour Lubricant type Notes	11		2	7 g Mot	27 g bil Polyrex EM		
Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate of manufacturing pr	aces and o ed. notor from 1m and wir weight sub ocess.	the shaft e th toleranc	previous on end. e of +3dB(A	ne, which			
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ID	Application	Туре	Quantity	Sensing	Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	1	55 °C
Rev.	Changes	s Summary	Performed	Checked	Date
erformed by				_	
hecked by			I	Page	Revision



LOAD PERFORMANCE CURVE

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Customer



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Subject to change without notice

