DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Frame Output			: W21 Explosion Proof NEMA Premium Efficiency Three-Phase			15455198	
Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor too Breakdown torc Insulation class Service factor Moment of inert Design	que	: 254TC : 7.5 HP (5 : 6 : 60 Hz : 575 V : 7.78 A : 54.5 A : 7.0x(Code : 4.16 A : 1175 rpm : 2.08 % : 4.63 kgfm : 270 % : 320 % : F : 1.15 : 0.1401 kg : B	e J)	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	: 45s (cold) 2 : 80 K : Cont.(S1) : -20°C to +4 : 1000 m.a.s : IP55 : IC411 - TEF : F-1 : Both (CW a : 59.0 dB(A) : Direct On L : 147 kg	IO°C .I. FC and CCW)	
Output Efficiency (%) Power Factor	50% 88.5 0.58	75% 90.2 0.71	100% 91.0 0.78	Foundation loads Max. traction Max. compression	: 159 kgf : 307 kgf		
Sealing Lubrication inte Lubricant amou Lubricant type Notes		:	Oil Seal 20000 h 13 g Mo	Lip Seal 20000 h 9 g bil Polyrex EM			
This revision rep must be eliminat (1) Looking the r (2) Measured at (3) Approximate manufacturing p (4) At 100% of fu	ed. notor from th 1m and with weight subje rocess.	ne shaft end. tolerance of +	·3dB(A).	These are average values power supply, subject to the MG-1.			
must be eliminat (1) Looking the r (2) Measured at (3) Approximate manufacturing p	ed. notor from th 1m and with weight subje rocess.	ne shaft end. tolerance of + ect to changes	·3dB(A).	power supply, subject to the			

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ID	Application	blication Type Quar			g Temperature	
1	Winding	Thermostat - 2 wires	1 x Phase	1	55 °C	
·						
Rev. erformed by	Changes	s Summary	Performed	Checked	Date	
				Page	Revision	
hecked by					Raviena	

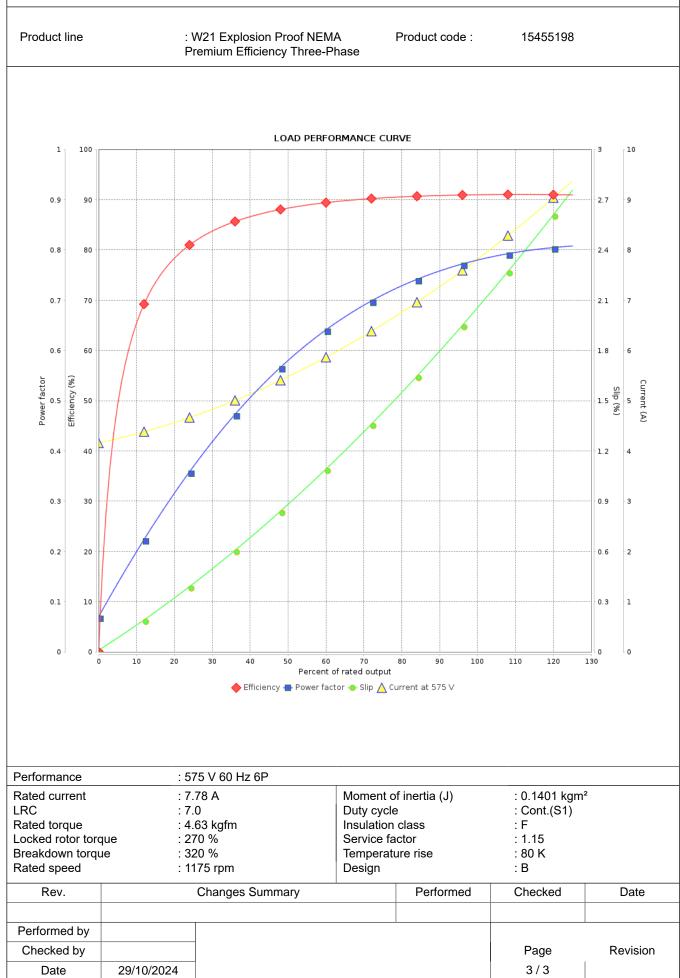


LOAD PERFORMANCE CURVE

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