DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line : W21 Explosion Proof NEMA Premium Efficiency Three-Pt			Product code : ase	11873977	11873977	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torc Breakdown torqu Insulation class Service factor Moment of inertia Design	le	: 444/5T : 125 HP : 4 : 60 Hz : 575 V : 111 A : 756 A : 6.8x(Code : 36.0 A : 1785 rpm : 0.83 % : 50.8 kgfm : 200 % : 220 % : F : 1.15 : 2.41 kgm ² : B		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	: 75s (cold) 4 : 80 K : Cont.(S1) : -20°C to +4 : 1000 m.a.s : IP55 : IC411 - TEF : F-1 : Both (CW a : 76.0 dB(A) : Direct On L : 898 kg	.0°C .I. =C and CCW)
Output	50%	75%	100%	Foundation loads		
Efficiency (%) Power Factor	94.3 0.75	95.2 0.82	95.4 0.85	Max. traction Max. compression	: 529 kgf : 1426 kgf	
Lubrication interv Lubricant amoun Lubricant type		• • •	5526 h 28 g Mob	8569 h 34 g il Polyrex EM		
Notes						
Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	ed. notor from th 1m and with weight subje ocess.	ne shaft end. tolerance of +	3dB(A).	These are average value power supply, subject to MG-1.		
This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	ed. notor from th 1m and with weight subje ocess.	ne shaft end. tolerance of + ect to changes	3dB(A).	power supply, subject to		
This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	ed. notor from th 1m and with weight subje ocess.	ne shaft end. tolerance of + ect to changes	3dB(A). after	power supply, subject to MG-1.	the tolerances stipul	lated in NEMA

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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
rformed by necked by Date	30/10/2024			Page 2 / 3	Revision

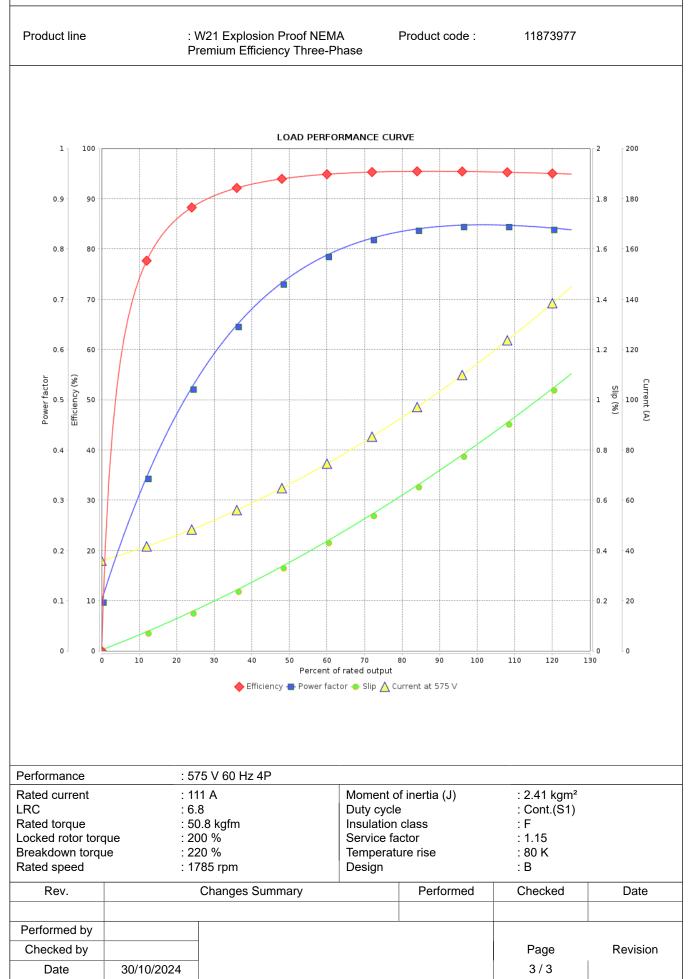


LOAD PERFORMANCE CURVE

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Customer



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