DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

		plosion Pro y Three-Pha	of NEMA Premiu Ise	m l	Product code :	14625020	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torq Breakdown torqu Insulation class Service factor Moment of inertia Design	jue le a (J)	: 504/5T : 250 HP (1) : 4 : 60 Hz : 575 V : 227 A : 1590 A : 7.0x(Code : 72.2 A : 1784 rpm : 0.89 % : 102 kgfm : 250 % : 250 % : F : 1.15 : 3.77 kgm ² : B		Temper Duty cy Ambien Altitude Protecti Cooling Mountir Rotatior Noise le Starting	t temperature on degree method ¹⁹	: 36s (cold) : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 80.0 dB(A : Direct On : 1234 kg) +40°C .s.l. EFC / and CCW) A)
Output	50%	75%	100%	Foundatio	on loads		
Efficiency (%)	95.4	96.2	96.2	Max. tract		: 1384 kgf	
Power Factor	0.72	0.81	0.85 Drive end	Max. com	pression Non drive end	: 2619 kgf	
Bearing type Sealing Lubrication interv Lubricant amount Lubricant type		V	6319 C3 'iton Oil Seal 7038 h 45 g Mo	bil Polyrex	6316 C3 Viton Seal 8569 h 34 g EM		
Notes:							
This revision repla must be eliminate (1) Looking the mo (2) Measured at 1 (3) Approximate w manufacturing pro	d. otor from the sl m and with tole veight subject to ocess.	haft end. erance of +3	dB(A).	These ar	e average values	based on tests w	
Notes: This revision repla must be eliminate (1) Looking the mi (2) Measured at 1 (3) Approximate w manufacturing pro (4) At 100% of full Rev.	d. otor from the sl m and with tole veight subject to ocess.	haft end. erance of +3 o changes a	dB(A).	These ar power su	e average values		
This revision repla must be eliminate (1) Looking the ma (2) Measured at 1 (3) Approximate w manufacturing pro (4) At 100% of full Rev.	d. otor from the sl m and with tole veight subject to ocess.	haft end. erance of +3 o changes a	dB(A). fter	These ar power su	e average values pply, subject to th	ne tolerances stipu	ulated in NEMA
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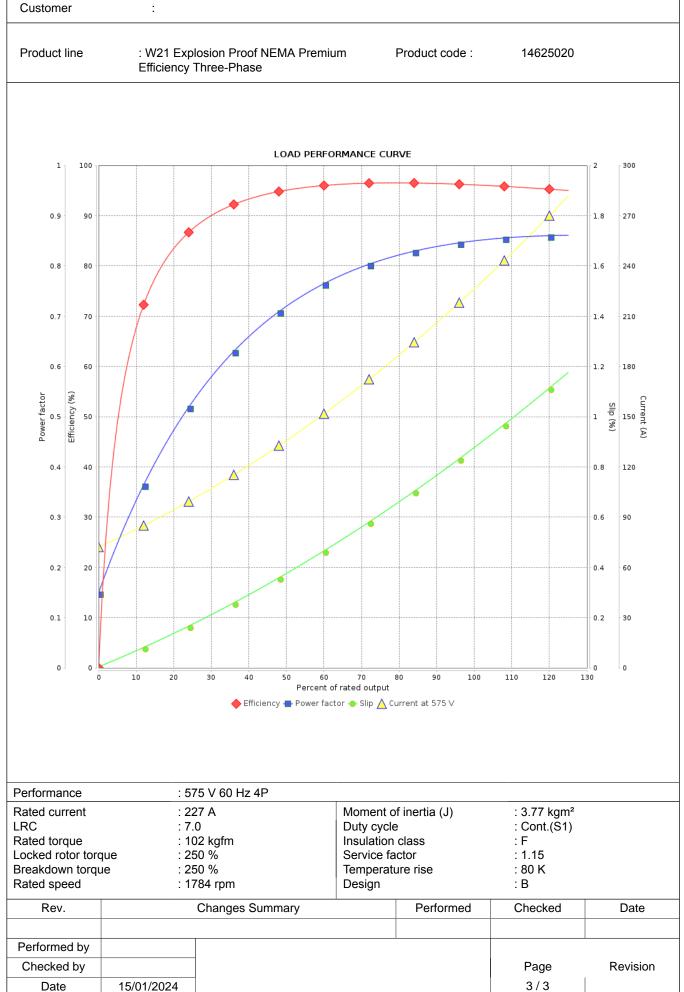
ID	Application	Туре	Quantity	Sensing	Temperature
1	Winding		1 x Phase	1	55 °C
1	Winding	Thermostat - 2 wires	1 x Phase	1	55 °C
Rev.	Changes	s Summary	Performed	Checked	Date
erformed by Checked by				Page	Revision



LOAD PERFORMANCE CURVE

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