DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line		Explosion Pro	oof NEMA Premiu ase	m F	Product code :	14407822	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor Moment of inerti Design	ue	: 284TC : 25 HP (18 : 4 : 60 Hz : 575 V : 23.6 A : 146 A : 6.2x(Code : 8.80 A : 1770 rpm : 1.67 % : 10.3 kgfm : 240 % : 270 % : F : 1.15 : 0.1914 kg : B	e G)	Tempera Duty cyc Ambient Altitude	t temperature on degree method g 1 ¹ evel ² method	: 36s (cold : 105 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - T : F-1 : Both (CW : 68.0 dB(A : Direct On : 202 kg) +40°C .s.l. EFC / and CCW) A)
Output	50%	75%	100%	Foundatio	n loads		
Efficiency (%) Power Factor	92.4 0.70	93.0 0.80	93.6 0.84	Max. tract Max. com		: 295 kgf : 497 kgf	
Bearing type Sealing Lubrication inter			6311 C3 Oil Seal 20000 h		6211 C3 Lip Seal 20000 h		
	:			bil Polyrex I			
	aces and canced. notor from the 1m and with to weight subject ocess.	shaft end. lerance of +:	bus one, which	These are	EM e average values	based on tests w	
Lubricant type Notes: This revision repl must be eliminate (1) Looking the m (2) Measured at 2 (3) Approximate v manufacturing pro-	aces and canced. notor from the 1m and with to weight subject ocess.	shaft end. lerance of +: to changes	bus one, which	These are power su	EM e average values		
Lubricant type Notes: This revision repl must be eliminate (1) Looking the m (2) Measured at ((3) Approximate w manufacturing pr (4) At 100% of fu Rev.	aces and canced. notor from the 1m and with to weight subject ocess.	shaft end. lerance of +: to changes	bus one, which 3dB(A). after	These are power su	EM e average values pply, subject to th	ne tolerances stipu	ulated in NEMA
Lubricant type Notes: This revision repl must be eliminate (1) Looking the m (2) Measured at 7 (3) Approximate m manufacturing pr (4) At 100% of fu	aces and canced. notor from the 1m and with to weight subject ocess.	shaft end. lerance of +: to changes	bus one, which 3dB(A). after	These are power su	EM 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

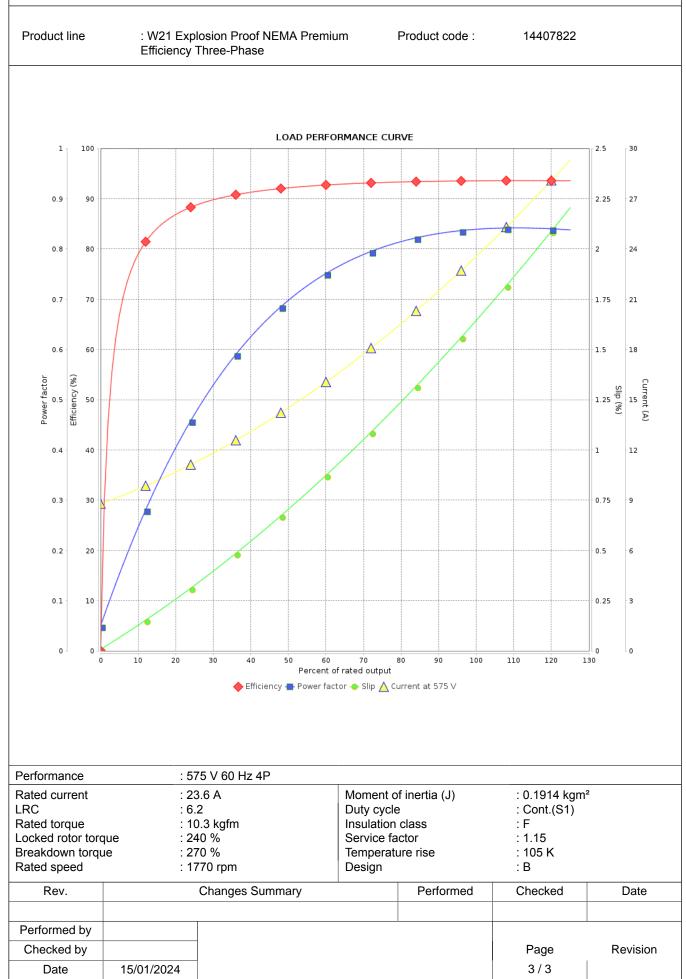


LOAD PERFORMANCE CURVE

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Customer



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