DATA SHEET

:

Three Phase Induction Motor - Squirrel Cage



Customer

Product line		21 Explosi		EMA Premiur	m Pro	oduct code :	14407389	
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 : 230 : 48.4 : 348 : 7.2x : 18.0 : 117 : 2.08 : 12.4 : 250 : 260 : F : 1.15	HP (15 kW) Hz /460 V 4/24.2 A /174 A k(Code H) 0/9.00 A 5 rpm 3 % 4 kgfm % %		Locked ro Temperatu Duty cycle Ambient to Altitude Protection Cooling m Mounting Rotation ¹ Noise leve Starting m Approx. w	emperature emperature n degree nethod el ² nethod	: 39s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP55 : IC411 - TE : F-1 : Both (CW : 59.0 dB(A : Direct On : 225 kg	-40°C s.l. EFC and CCW)
Output	25%	50%	75%	100%	Foundation	loads		
Efficiency (%) Power Factor	91.5 0.45	91.7 0.70	91.7 0.80	91.7 0.85	Max. tractio Max. compr		: 420 kgf : 645 kgf	
Lubrication inter		•	200	00 h		20000 h		
Lubricant amour Lubricant type Notes: USABLE @208V		: 1.15 SFA		⁸ g Mol	bil Polyrex EN	11 g //		
Lubricant type Notes: USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate	2 53.5A SF	cancel the the shaft e th toleranc bject to cha	61.5A previous on end. e of +3dB(A anges after	ne, which	These are a	M average values	based on tests wi e tolerances stipu	
Lubricant type Notes: USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate v manufacturing pr	2 53.5A SF	cancel the the shaft e th toleranc bject to cha	61.5A previous on end. e of +3dB(A	ne, which	These are a power supp	M average values		
Lubricant type Notes: USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate m manufacturing pr (4) At 100% of fu Rev. Performed by	2 53.5A SF	cancel the the shaft e th toleranc bject to cha	61.5A previous on end. e of +3dB(A anges after	ne, which	These are a power supp	A average values	e tolerances stipu Checked	lated in NEMA
Lubricant type Notes: USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate of manufacturing pr (4) At 100% of fu Rev.	2 53.5A SF	cancel the the shaft e th toleranc oject to cha	61.5A previous on end. e of +3dB(A anges after	ne, which	These are a power supp	A average values	e tolerances stipu	lated 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

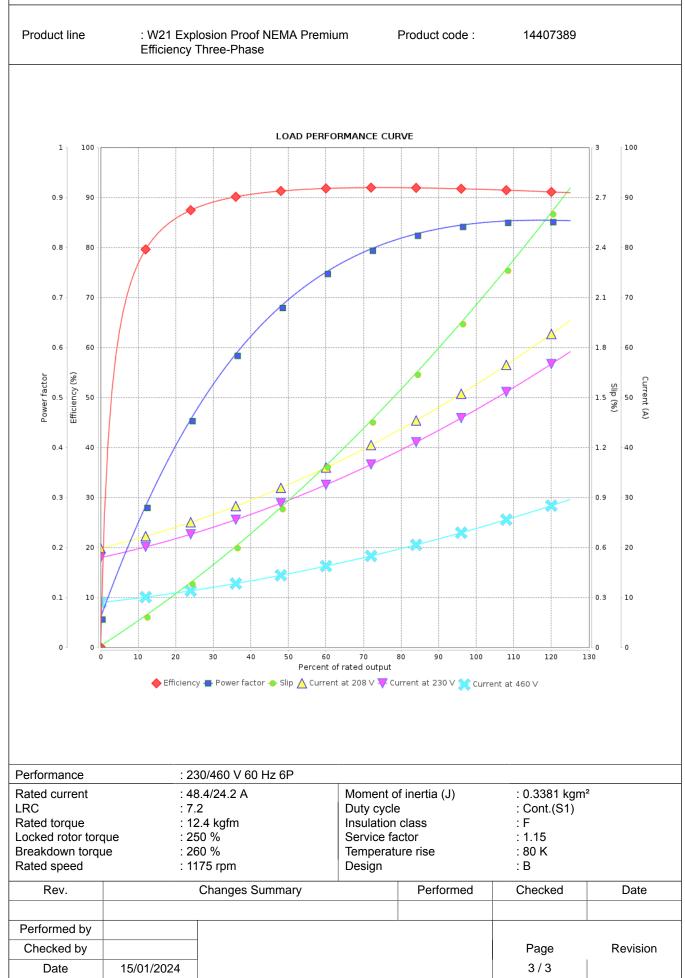


LOAD PERFORMANCE CURVE

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Customer



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