DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line			ion Proof NEMA		oduct code :		
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inerti Design	ue	: 404/5TC : 100 HP (75 : 4 : 60 Hz : 575 V : 90.4 A : 651 A : 7.2x(Code H : 31.2 A : 1780 rpm : 1.11 % : 40.8 kgfm : 270 % : 280 % : F : 1.15 : 1.11 kgm ² : B		Locked roto Temperatur Duty cycle Ambient ter Altitude Protection o Cooling me Mounting Rotation ¹ Noise level Starting me Approx. we	re rise mperature degree ethod ² ethod	: 23s (cold) : 80 K : Cont.(S1) : -20°C to +4 : 1000 m.a.s : IP55 : IC411 - TE : F-1 : Both (CW = : 75.0 dB(A) : Direct On I : 564 kg	40°C s.l. FC and CCW)
Output	50%	75%	100%	Foundation	loads		
Efficiency (%) Power Factor	94.5 0.72	95.0 0.82	95.4 0.87	Max. traction Max. compr		: 842 kgf : 1404 kgf	
Sealing Lubrication inter Lubricant amoun Lubricant type Notes		:	9149 h 21 g Mo	bil Polyrex EN	9789 h 27 g M		
Lubrication inter Lubricant amoun Lubricant type		:	21 g	bil Polyrex EN	27 g		
Lubrication inter Lubricant amour	laces and ca ed. notor from th 1m and with weight subje rocess.	e shaft end. tolerance of +3d	21 g Mo s one, which IB(A).	These are a	27 g M average values	based on tests wi e tolerances stipu	
Lubrication inter Lubricant amoun Lubricant type Notes This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	laces and ca ed. notor from th 1m and with weight subje rocess.	e shaft end. tolerance of +3d	21 g Mo S one, which IB(A). ter	These are a power supp	27 g M average values		
Lubrication inter Lubricant amoun Lubricant type Notes This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev.	laces and ca ed. notor from th 1m and with weight subje rocess.	e shaft end. tolerance of +3d ect to changes aft	21 g Mo S one, which IB(A). ter	These are a power supp	27 g M average values	e tolerances stipu	lated in NEMA
Lubrication inter Lubricant amoun Lubricant type Notes This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	laces and ca ed. notor from th 1m and with weight subje rocess.	e shaft end. tolerance of +3d ect to changes aft	21 g Mo S one, which IB(A). ter	These are a power supp	27 g M average values	e tolerances stipu	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

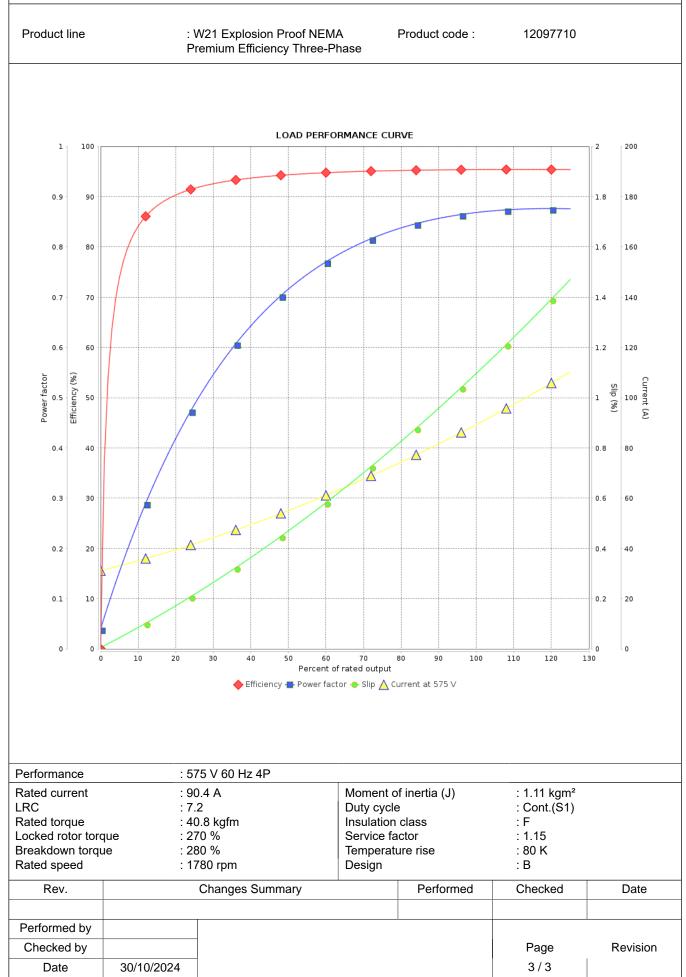


LOAD PERFORMANCE CURVE

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Customer



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