DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

	Ellici	ency Three-Pl	llase			
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	que ue	: 286TS : 30 HP (2 : 2 : 60 Hz : 575 V : 27.0 A : 181 A : 6.7x(Coc : 6.00 A : 3545 rpn : 1.53 % : 6.14 kgfr : 250 % : 240 % : F : 1.15 : 0.1297 k : B	de G) n m	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	: 80 K : Cont.(S : -20°C to : 1000 m. : IP55 : IC411 - : F-1	9 +40°C .a.s.l. TEFC W and CCW) (A)
Output	50%	75%	100%	Foundation loads		
Efficiency (%) Power Factor	92.4 0.78	93.0 0.86	93.0 0.88	Max. traction Max. compression	: 96 kgf : 325 kgf	
Bearing type Sealing		:	6311 C3 Oil Seal	6211 (Lip Se		
Lubrication inter Lubricant amoun Lubricant type Notes:			11517 h 18 g Mc	14226 11 g obil Polyrex EM		
Lubrication inter Lubricant amoun Lubricant type Notes: This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	nt laces and ca ed. notor from th 1m and with weight subjo rocess.	ne shaft end. 1 tolerance of -	18 g Mc	11 g	ues based on tests	
Lubrication inter Lubricant amoun Lubricant type	nt laces and ca ed. notor from th 1m and with weight subjo rocess.	ne shaft end. 1 tolerance of - ect to changes	18 g Mc	11 g obil Polyrex EM	ues based on tests to the tolerances stij	

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Subject to change without notice

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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

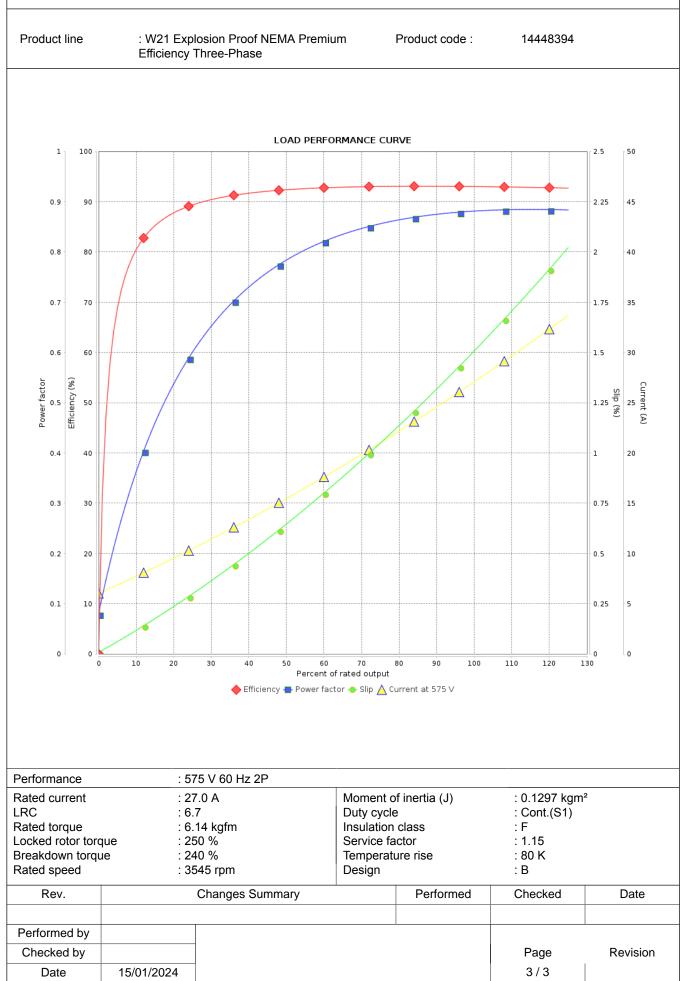


LOAD PERFORMANCE CURVE

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