DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

		Three-Phase					
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (J) Design		: 284TSC : 25 HP (18.5 kW) : 2 : 60 Hz : 575 V : 22.8 A : 153 A : 6.7x(Code G) : 5.04 A : 3545 rpm : 1.53 % : 5.12 kgfm : 240 % : 240 % : F : 1.15 : 0.1086 kgm ² : B		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		: 59s (cold) 33s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 75.0 dB(A) : Direct On Line : 215 kg	
Output	50%	75% 100%	/ 0	Foundat	ion loads		
Efficiency (%)		92.4 92.4	•	Max. tra		: 68 kgf	
Power Factor		0.85 0.88		Max. cor	npression	: 283 kgf	
Losses at normat	ive operating pol	nts (speed;torque)	, in perce	ntage of r	ated output power		
P1 (0,9;1,0)	P2 (0,5;1,0)	P3 (0,25;1,0)	1	,9;0,5)	P5 (0,5;0,5)	P6 (0,5;0,25)	P7 (0,25;0,25)
7.8	5.9	5.0		.7	2.1	1.2	0.7
Lubrication inter Lubricant amour Lubricant type Notes:		18 g	Mo	bil Polyrex	11 g « EM		
must be eliminate (1) Looking the m	ed. notor from the sha		which		are average values upply, subject to th		
must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev.	ed. notor from the sha 1m and with toler weight subject to ocess.	aft end. ance of +3dB(A).		power s	•		
nust be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev. Performed by	ed. notor from the sha 1m and with toler weight subject to ocess.	aft end. ance of +3dB(A). changes after		power s	upply, subject to th	ne tolerances stipu Checked	ulated in NEMA
must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev.	ed. notor from the sha 1m and with toler weight subject to ocess.	aft end. ance of +3dB(A). changes after		power s	upply, subject to th	ne tolerances stipu	Jated in NEMA

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 15/01/2024
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Customer

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

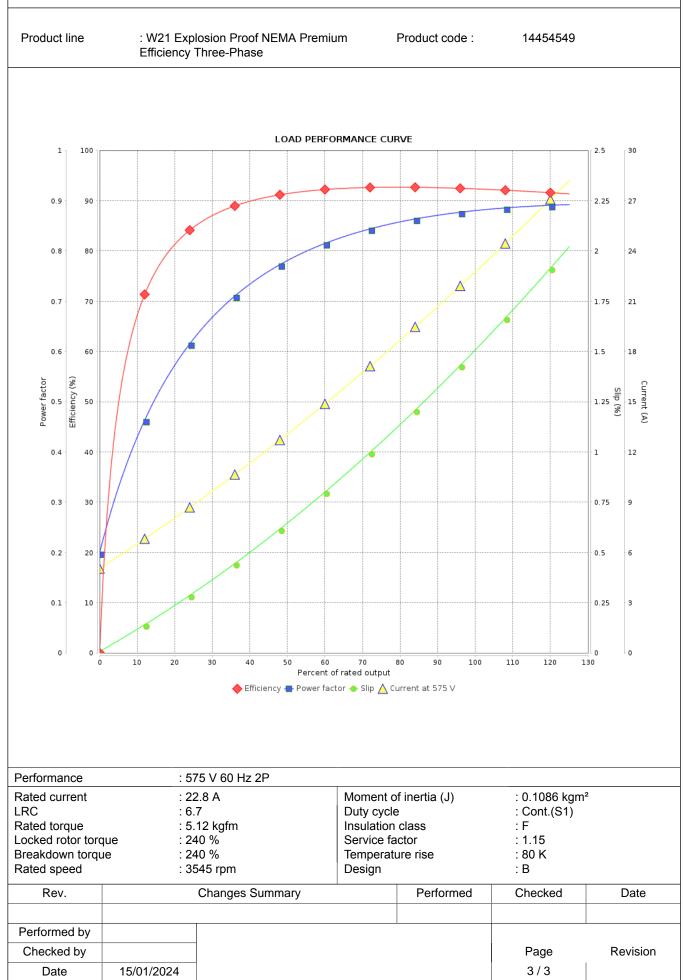


LOAD PERFORMANCE CURVE

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