DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

	Product line			: W21 Explosion Proof NEMA Premium Efficiency Three-Phase			14406978	14406978	
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 inert Design	rque lue	: 2 : 60 H : 575 : 18.6 : 115 : 6.2x : 5.36 : 353 : 1.94 : 4.11 : 200 : 250 : F : 1.15	IP (15 kW) Iz V A (Code G) A 0 rpm ·% kgfm % %		Altitude	ture rise e temperature n degree nethod l rel ² nethod	: 46s (cold) 2 : 80 K : Cont.(S1) : -20°C to +4 : 1000 m.a.s : IP55 : IC411 - TEI : F-1 : Both (CW a : 75.0 dB(A) : Direct On L : 163 kg	40°C 5.1. FC and CCW)	
Output	25%	50%	75%	100%	Foundatio	on loads			
Efficiency (%) Power Factor	90.0 0.55	90.2 0.79	91.0 0.86	91.0 0.89	Max. tract Max. com	ion	: 80 kgf : 243 kgf		
Bearing type Sealing Lubrication inter Lubricant amou Lubricant type Notes		:	Oil 157	9 C3 Seal 97 h 3 g Mo	bil Polyrex	6209 C3 Lip Seal 18447 h 9 g EM			
must be eliminat (1) Looking the r (2) Measured at (3) Approximate manufacturing p	ted. motor from 1m and wi weight sub rocess.	the shaft e th toleranc	end. e of +3dB(A				based on tests wi e tolerances stipu		
This revision rep must be eliminat (1) Looking the r (2) Measured at (3) Approximate manufacturing p (4) At 100% of fu Rev.	ted. motor from 1m and wi weight sub rocess.	the shaft e th toleranc oject to cha	end. e of +3dB(A	.).	power su				

Subject to change without notice

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	Application	Thermal protection	Oursette	0 arraine	Tomaserate
ID 1	Application	Type	Quantity		Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	1	55 °C
Rev.	Changes	Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	28/10/2024			2/3	

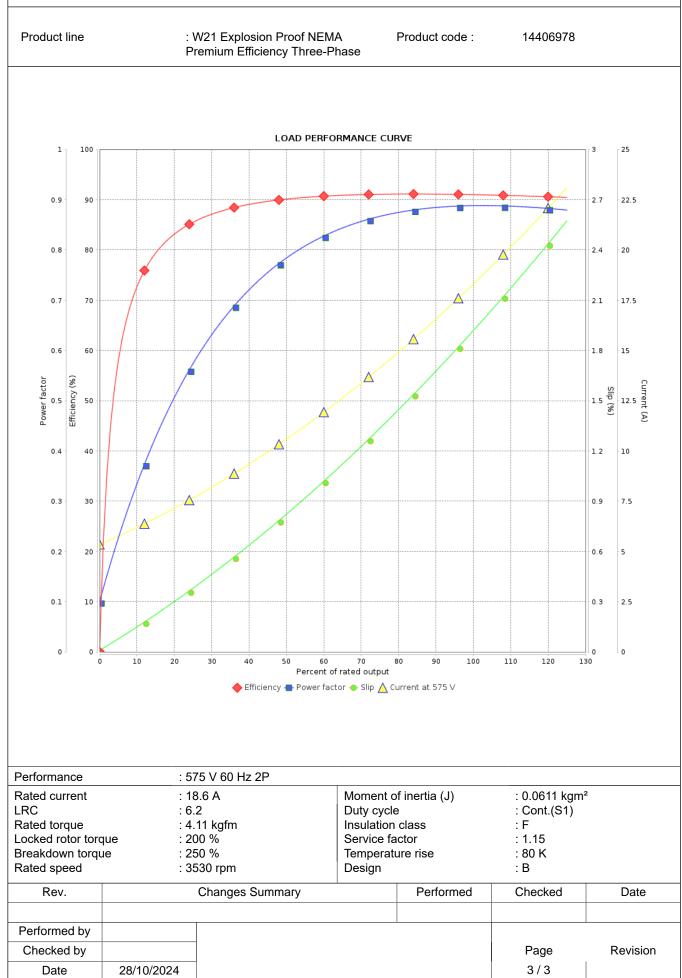


LOAD PERFORMANCE CURVE

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