DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line			losion Proof NEM Efficiency Three-Ph		Product code :	14283805	05	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torc Breakdown torqu Insulation class Service factor Moment of inertia Design	le	: 182/4TC : 5 HP (3.7 : 4 : 60 Hz : 575 V : 5.26 A : 37.3 A : 7.1x(Cod : 2.48 A : 1750 rpm : 2.78 % : 2.07 kgfn : 229 % : 300 % : F : 1.15 : 0.0156 kg : B	le J) n	Locked ro Temperat Duty cycl Ambient t Altitude Protection Cooling r Mounting Rotation ¹ Noise lev Starting r Approx. v	ture rise e temperature n degree nethod rel ² nethod	: 43s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a.s : IP55 : IC411 - TE : F-1 : Both (CW : 56.0 dB(A) : Direct On 1 : 62.2 kg	40°C s.l. EFC and CCW)	
Output	50%	75%	100%	Foundatio	on loads			
Efficiency (%) Power Factor	86.5 0.59	88.5 0.71	89.5 0.79	Max. tract Max. com	ion	: 99 kgf : 161 kgf		
Sealing Lubrication interv Lubricant amoun Lubricant type		:	Oil Seal - -		Lip Seal - -			
Notes			Mo	bbil Polyrex I	EM			
Notes Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	ed. notor from th 1m and with weight subje ocess.	e shaft end. tolerance of -	ious one, which +3dB(A).	These are	e average values	based on tests w		
	ed. notor from th 1m and with weight subje ocess.	e shaft end. tolerance of ⊣ ct to changes	ious one, which +3dB(A).	These are power su	e average values			
Notes Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 7 (3) Approximate v manufacturing pro (4) At 100% of ful Rev.	ed. notor from th 1m and with weight subje ocess.	e shaft end. tolerance of ⊣ ct to changes	ious one, which +3dB(A). s after	These are power su	e average values pply, subject to th	ne tolerances stipu	ulated in NEMA	
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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	

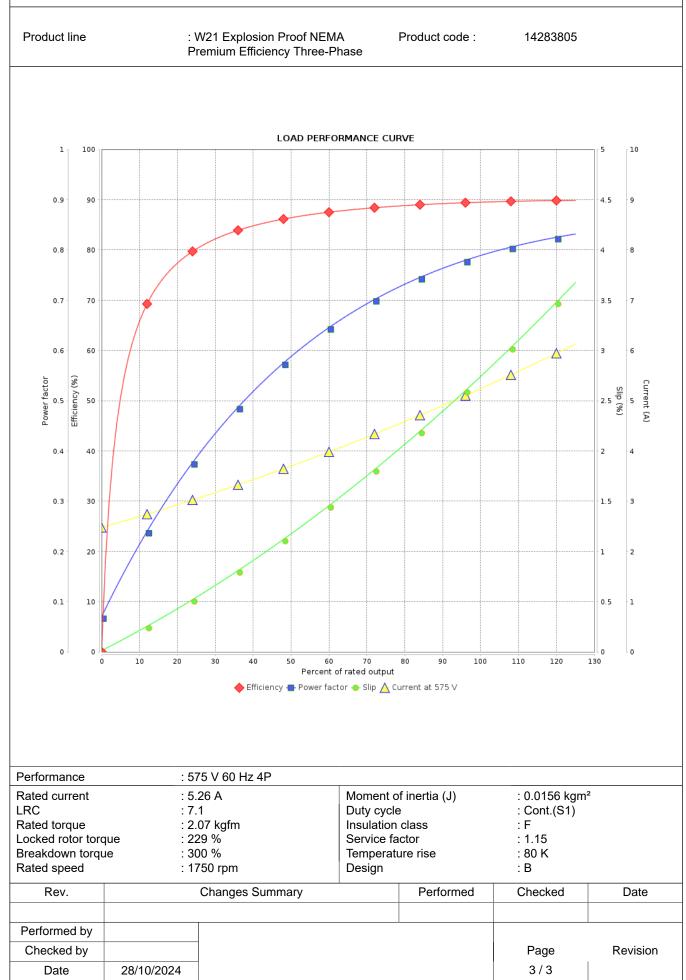


LOAD PERFORMANCE CURVE

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