## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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## Customer

Product line		Premium	Efficiency Three-Pl	hase			
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor	le	: 213/5TC : 7.5 HP (5 : 2 : 60 Hz : 575 V : 6.94 A : 49.9 A : 7.2x(Cod : 2.20 A : 3535 rpm : 1.81 % : 1.54 kgfn : 229 % : 300 % : F : 1.15	5.5 kW) le H) n	Locked ro Temperat Duty cycl	ture rise e temperature n degree nethod el <sup>2</sup> nethod	: 41s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a.s : IP55 : IC411 - TE : F-1 : Both (CW : 72.0 dB(A) : Direct On : 90.6 kg	40°C s.I. FC and CCW)
Moment of inertia (J) Design		: 0.0198 kgm² : B					
Output	50%	75%	100%	Foundatio	n loads		
Efficiency (%)	85.5	88.5	89.5	Max. tract		: 38 kgf	
Power Factor	0.78	0.86	0.89	Max. com	pression	: 132 kgf	
Bearing type Sealing Lubrication interval Lubricant amount		<u>Drive end</u> : 6308 2RS : Oil Seal : - : - . Mol		<u>Non drive end</u> 6207 2RS Lip Seal - - bbil Polyrex EM			
Lubricant amour Lubricant type		· · ·	- Mc	bbil Polyrex	- EM		
Lubricant amour Lubricant type Notes	ıt	- - - -					ith cinuccidal
Lubricant amour Lubricant type	aces and ca ed. notor from th Im and with weight subje ocess.	e shaft end. tolerance of -	ious one, which +3dB(A).	These and	e average values	based on tests w	
Lubricant amour Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v manufacturing pro	aces and ca ed. notor from th Im and with weight subje ocess.	e shaft end. tolerance of + ect to changes	ious one, which +3dB(A).	These arr power su	e average values		
Lubricant amour Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro 4) At 100% of ful Rev.	aces and ca ed. notor from th Im and with weight subje ocess.	e shaft end. tolerance of + ect to changes	ious one, which +3dB(A). s after	These arr power su	e average values pply, subject to th	ne tolerances stipu	ulated in NEMA
Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at ( 3) Approximate v manufacturing pro (4) At 100% of ful Rev. Performed by	aces and ca ed. notor from th Im and with weight subje ocess.	e shaft end. tolerance of + ect to changes	ious one, which +3dB(A). s after	These arr power su	e average values pply, subject to th	ne tolerances stipu Checked	ulated in NEMA
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Thermal protection							
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			

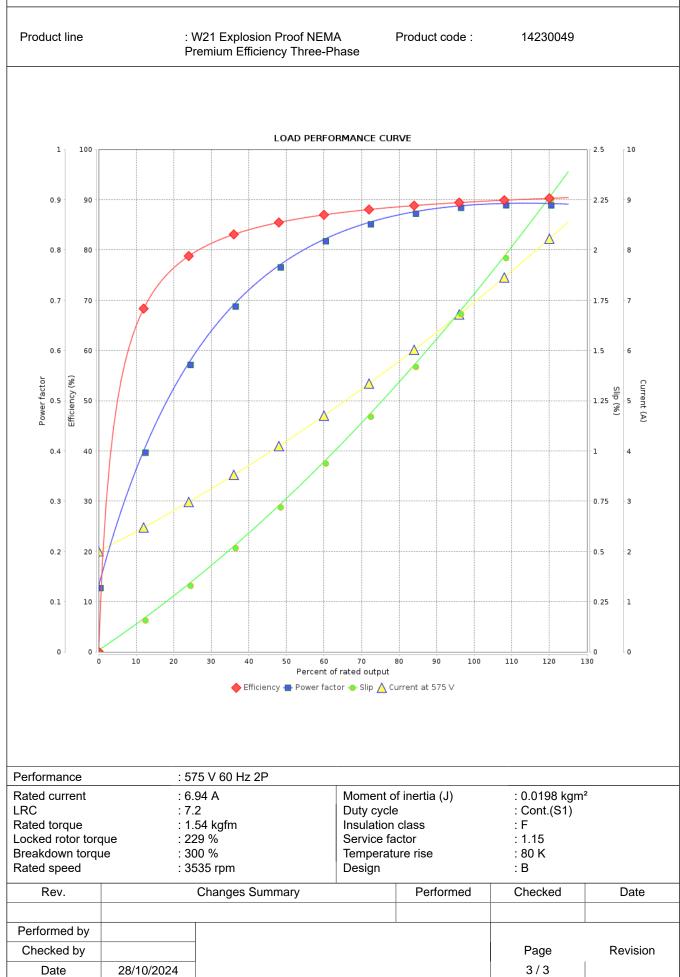


## LOAD PERFORMANCE CURVE

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