## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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## Customer

Product line		Explosion Pr ncy Three-Ph	oof NEMA Premiu nase	m Product code :	13987710	13987710	
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	ie	: 449T : 300 HP (2 : 6 : 60 Hz : 575 V : 281 A : 2218 A : 7.9x(Cod : 122 A : 1190 rpm : 0.83 % : 183 kgfm : 280 % : 300 % : F : 1.15 : 6.09 kgm : A	e J)	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation <sup>1</sup> Noise level <sup>2</sup> Starting method Approx. weight <sup>3</sup>	: 12s (cold) : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 70.0 dB(A : Direct On : 1515 kg	+40°C .s.l. EFC and CCW)	
Output	50%	75%	100%	Foundation loads			
Efficiency (%) Power Factor	95.0 0.66	95.4 0.77	95.8 0.82	Max. traction Max. compression	: 4044 kgf : 5559 kgf		
Bearing type Sealing Lubrication interv		:	Viton Oil Seal 5903 h	Viton Sea 11094 h			
Lubricant amoun Lubricant type Notes:			60 g Mo	45 g			
Lubricant type Notes: This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	aces and car ed. lotor from the Im and with ' weight subject ocess.	e shaft end. tolerance of +	ous one, which				
Lubricant type Notes: This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	aces and car ed. lotor from the Im and with ' weight subject ocess.	e shaft end. tolerance of + ct to changes	ous one, which	These are average value power supply, subject to			
Lubricant type Notes: This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	aces and car ed. lotor from the Im and with ' weight subject ocess.	e shaft end. tolerance of + ct to changes	ous one, which ·3dB(A). after	These are average value power supply, subject to MG-1.	the tolerances stipu	lated in NEMA	

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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

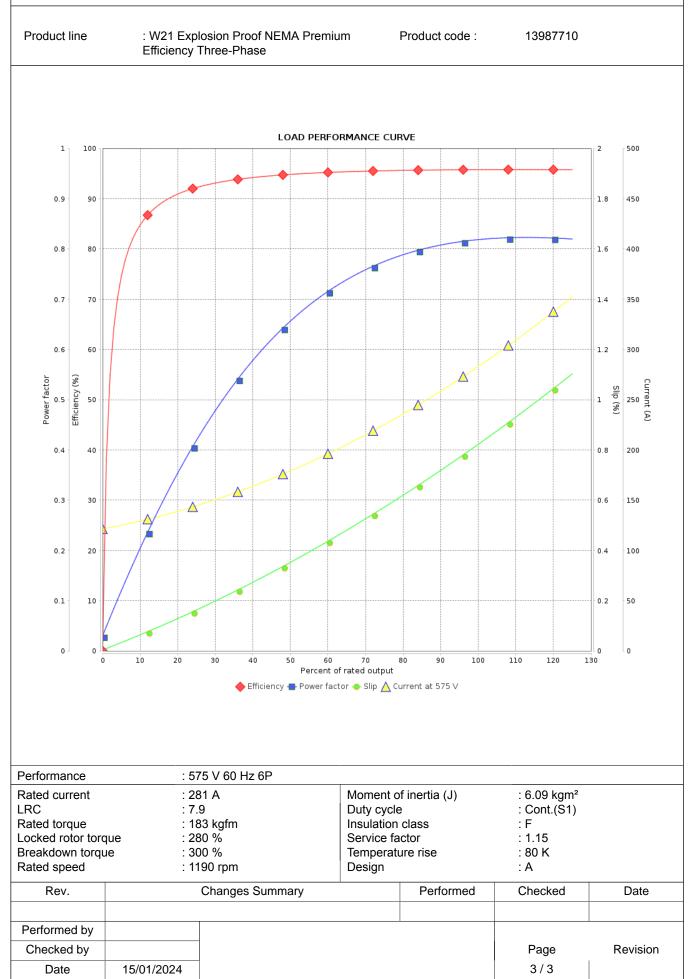


## LOAD PERFORMANCE CURVE

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Customer



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