## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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#### Customer

Frame		: W22 Tru-Metric IE3 Three-Phase			Product code :		14955334	
Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torq Breakdown torqu Insulation class Service factor Moment of inertia Design	ie	: 370 % : F : 1.25			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>		: 21s (cold) 12s (hot) : 80 K : S1 : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : B35R(D) : Both (CW and CCW) : 76.0 dB(A) : Direct On Line : 272 kg	
Dutput	50%	75%	100%		Foundat	ion loads		
Efficiency (%) Power Factor	91.7 0.67	93.0 0.77	93.6 0.83		Max. traction Max. compression		: 336 kgf : 608 kgf	
osses at normați	ive operating	points (spe	ed;torque), i	n perce	entage of r	ated output power		
P1 (0,9;1,0) 6.5	P2 (0,5;1,0 4.5	D) P3 (	0,25;1,0)		),9;0,5) I.1	P5 (0,5;0,5) 2.3	P6 (0,5;0,25) 1.8	P7 (0,25;0,25
Bearing type		:	V'Ring			V'Ring		
Lubrication interv Lubricant amoun Lubricant type		:	12000 h 21 g		bil Polyre>	15000 h 13 g		
Sealing Lubrication interv Lubricant amoun Lubricant type Notes: This revision repla nust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro 4) At 100% of ful	t aces and car d. otor from the m and with t veight subjec ocess.	shaft end. olerance of	21 g /ious one, wł +3dB(A).	Мо	These a	15000 h 13 g		
Lubrication interv Lubricant amoun Lubricant type Notes: This revision repla nust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro	t aces and car d. otor from the m and with t veight subjec ocess.	shaft end. olerance of t to change	21 g /ious one, wł +3dB(A).	hich	These a power s	15000 h 13 g EM		

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ID	Application	Туре	Quantity	Sensing	Temperature
1	Winding	Thermistor - 2 wires	1 x Phase	1	55 °C
<u> </u>				l	
Rev.	Chang	ges Summary	Performed	Checked	Date
					1
erformed by				_	
Checked by				Page	Revision



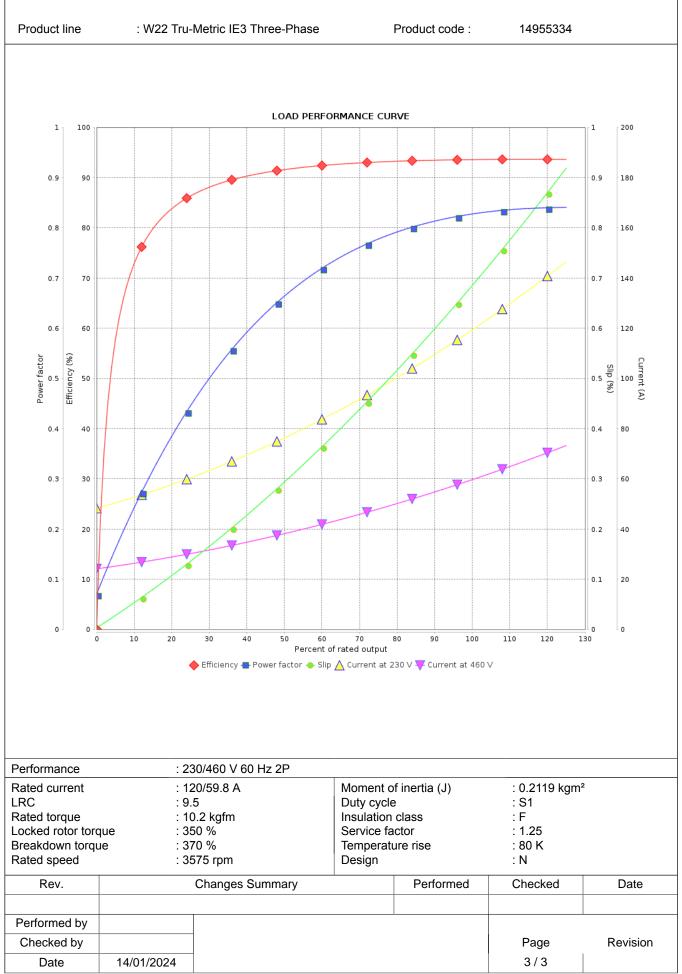
# LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

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### Customer



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