DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

Product line : W22 Tru-Metric IE3 Three-Phas			hase	Product code :		14797382		
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (J) Design		: 315S/M : 150 HP (110 kW) : 4 : 60 Hz : 575 V : 138 A : 1266 A : 9.2 : 56.0 A : 1793 rpm : 0.39 % : 60.7 kgfm : 310 % : 320 % : F : 1.25 : 2.47 kgm ² : N			Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³		: 102s (cold) 57s (hot) : 80 K : S1 : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : B3L(E) : Both (CW and CCW) : 75.0 dB(A) : Direct On Line : 1100 kg	
Output	50%	75%	100%)	Foundat	ion loads		
Efficiency (%) Power Factor	93.6 0.70	95.0 0.80	.0 95.8 Max. traction		: 979 kgf : 2079 kgf			
Losses at norma	tive operating	points (spe	ed;torque),	in perce	ntage of r	ated output power		
P1 (0,9;1,0) 4.8	P2 (0,5;1,0		0,25;1,0) 2.3		,9;0,5) .5	P5 (0,5;0,5) 2.1	P6 (0,5;0,25) 1.8	P7 (0,25;0,25 0.9
Bearing type Sealing		:	Drive end 6319 C WSeal	3		<u>Non drive enc</u> 6316 C3 WSeal		
Lubricant amour Lubricant type			8000 h 45 g	1	bil Polyrex	10000 h 34 g		
Lubrication inter Lubricant amoun Lubricant type Notes: This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	laces and can ed. notor from the 1m and with to weight subjec rocess.	shaft end. plerance of	8000 h 45 g rious one, w +3dB(A).	Mot	These a	10000 h 34 g		
Lubricant amour Lubricant type Notes: This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	laces and can ed. notor from the 1m and with to weight subjec rocess.	shaft end. blerance of t to changes	8000 h 45 g rious one, w +3dB(A).	n Moł	These a power s	10000 h 34 g KEM		
Lubricant amoun Lubricant type Notes: This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	laces and can ed. notor from the 1m and with to weight subjec rocess.	shaft end. blerance of t to changes	8000 h 45 g ious one, w +3dB(A). s after	n Moł	These a power s	10000 h 34 g KEM	ne tolerances stip	ulated in NEMA

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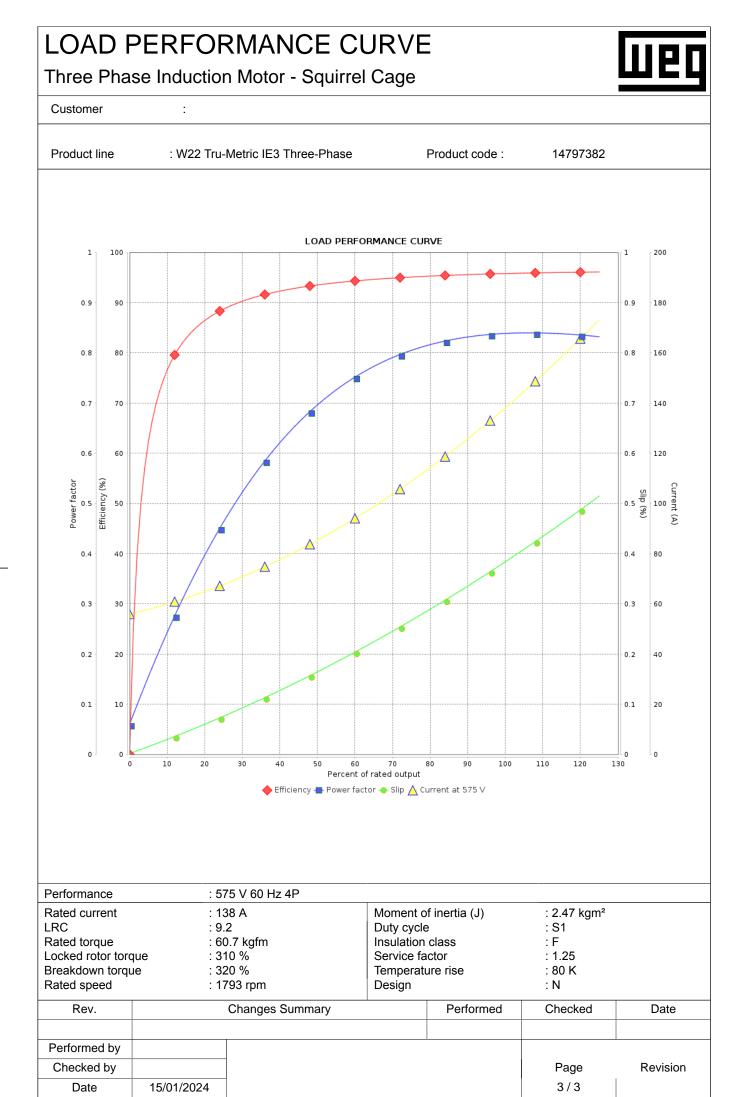
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Customer

ID	Application	Туре	Quantity	Sensing	Temperature
1	Winding	Thermistor - 2 wires	1 x Phase	1	55 °C
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Rev.	Char	ges Summary	Performed	Checked	Date
1164.	Chanç	Jes Summary	renomed	CHECKEU	Dale
Performed by					
chonnou by				Page	Revision
Checked by					Revision





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