DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

	Lindic	ncy Three-Phase					
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree		: 404/5TC : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55	Mounti Rotatic Startin Approx	Cooling method Mounting Rotation ¹ Starting method Approx. weight ³ Moment of inertia (J)		: IC411 - TEFC : F-1 : Both (CW and CCW) : Direct On Line : 568 kg : 1.11 kgm ²	
Design		: B					
Output [HP]		100	75		75	75	
Poles		4	4		4	4	
Frequency [Hz]		60	50		50	50	
Rated voltage [V]		230/460	380 103		00	415 98.7	
Rated current [A]		226/113 1627/814	773		40	898	
L. R. Amperes [A] LRC [A]		7.2x(Code H)	7.5x(Code I		Code J)	9.1x(Code K)	
No load current [A]		78.0/39.0	39.0		2.0	45.0	
Rated speed [RPM]		1780	1480		85	1485	
Slip [%]		1.11	1.33		00	1.00	
Rated torque [kgfm]		40.8	36.8		5.7	36.7	
Locked rotor torque [%]		270	270	3	00	320	
Breakdown torque		280	310		60	370	
Service factor		1.15	1.00		00	1.00	
Temperature rise		80 K	80 K) K	80 K	
Locked rotor time		23s (cold) 13s (hot)	21s (cold) 12s) 12s (hot)	21s (cold) 12s (hot)	
Noise level ²	050/	75.0 dB(A)	70.0 dB(A) 70.0	dB(A)	70.0 dB(A)	
Efficiency (%) Power Factor	25%	04.5	04.0			02.0	
	50% 75%	94.5 95.0	94.0 94.5		3.6 4.5	93.6 94.5	
	100%	95.0	94.5		4.5	94.5	
	25%	30.4	34.0		T.U	J T .J	
	50%	0.72	0.69	0	65	0.62	
	75%	0.82	0.80		77	0.75	
	100%	0.87	0.86		84	0.82	
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type		: 6217 C3 63 : Oil Seal Lip : 9149 h 97	14 C3 Max. tra o Seal Max. cc 789 h 27 g	Foundation loads Max. traction : 1055 kgf Max. compression : 1614 kgf			
Notes USABLE @208V		00 SFA 250A		are average values supply, subject to th			
must be eliminate	ed.						
must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	ed. notor from the 1m and with t weight subjec ocess.	tolerance of +3dB(A). It to changes after	MG-1.				
must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr	ed. notor from the 1m and with t weight subjec ocess.	tolerance of +3dB(A).	MG-1.	Performed	Checked	Date	
must be eliminate (1) Looking the m (2) Measured at 7 (3) Approximate w manufacturing pr (4) At 100% of fu Rev.	ed. notor from the 1m and with t weight subjec ocess.	tolerance of +3dB(A). It to changes after	MG-1.				
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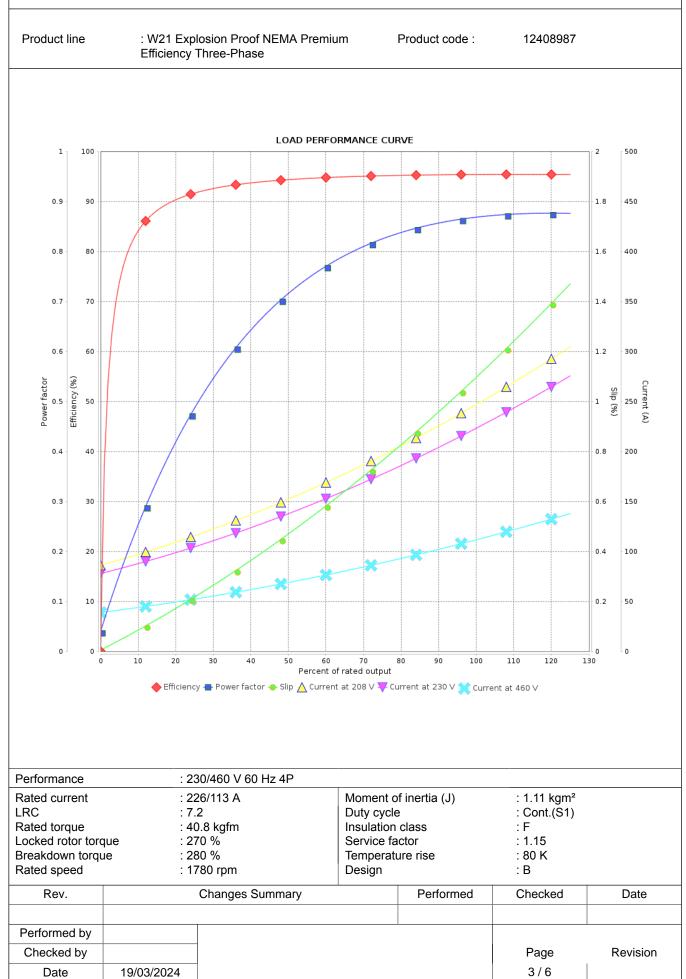
ID	Application	pplication Type			Sensing Temperature	
1	Winding	Thermostat - 2 wires	1 x Phase	15	55 °C	
Rev.	Change	es Summary	Performed	Checked	Date	
rformed by necked by				Page	Revision	
1			1			



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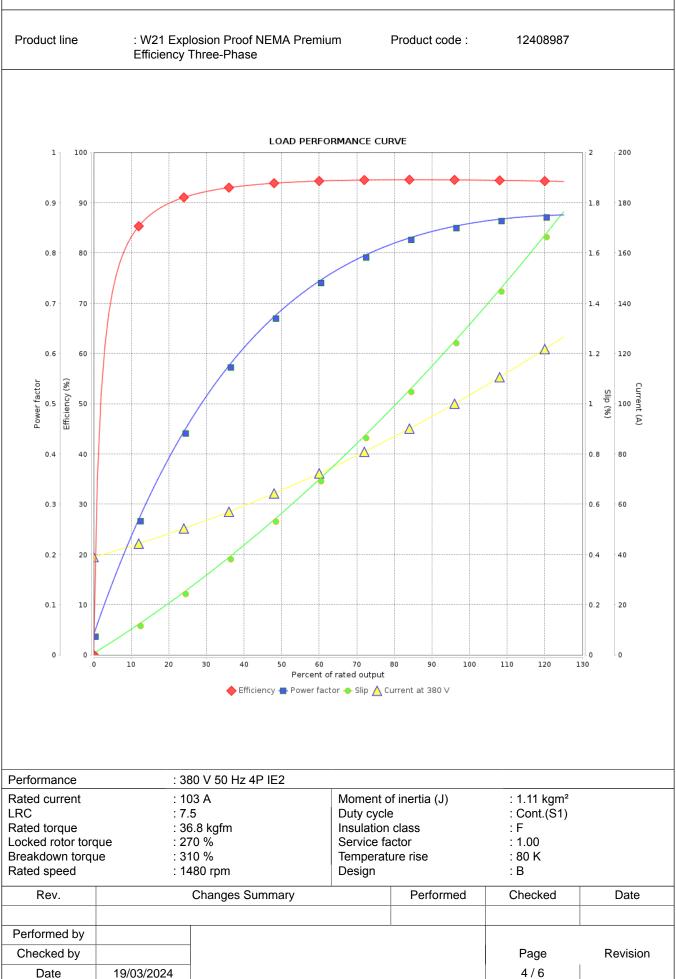
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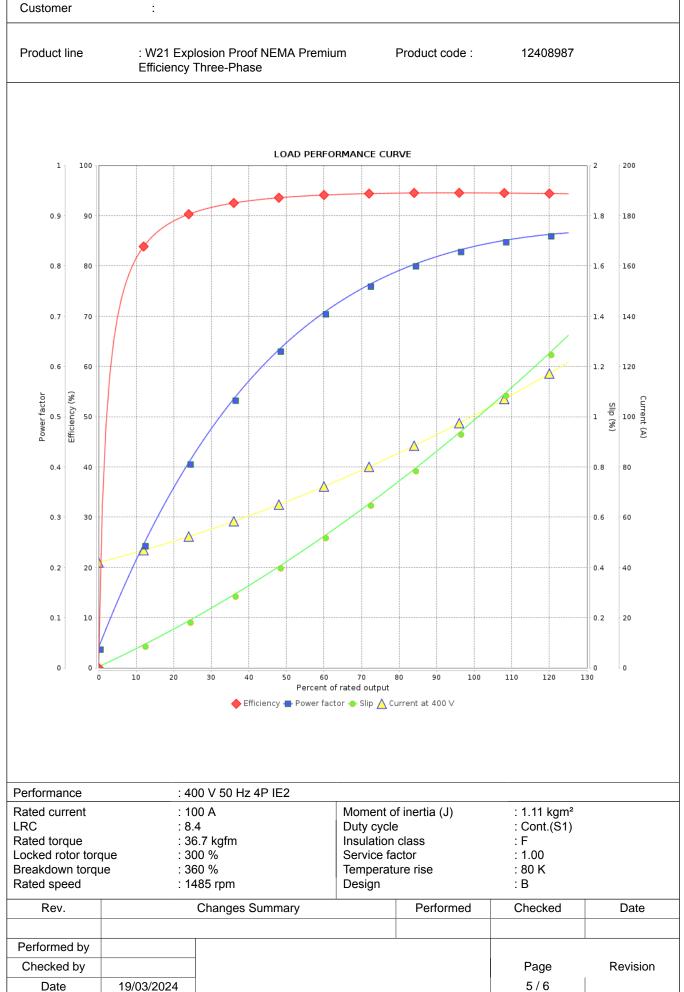


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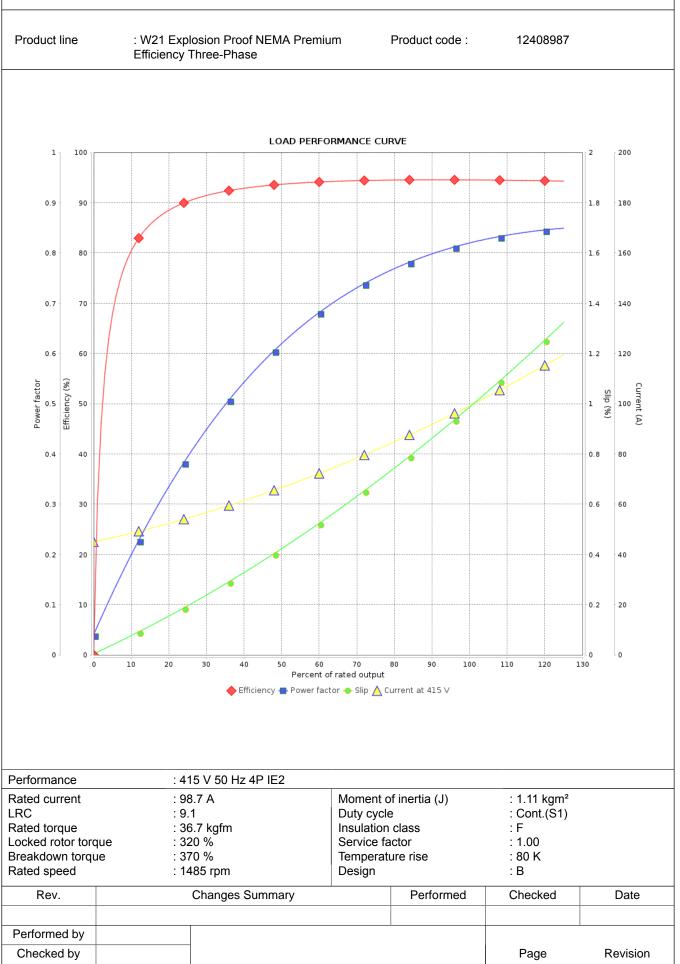
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