# DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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#### Customer

Checked by		4				Page 1 / 6	I	Revision	
Performed by				I		_	I	<b>_</b>	
Rev.		Changes Summar	У		Performed	Checked		Date	
must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	ed. lotor from the Im and with to veight subjec ocess.	olerance of +3dB(A). It to changes after			average values ply, subject to th	e tolerances	stipulated	d in NEMA	
Notes USABLE @208V	101A SF 1.1	5 SFA 116A							
Lubricant amount Lubricant type		POLYREA ESTER OIL (WT/ ENS)							
Sealing Lubrication interval		: Oil Seal L : -	Lip Seal Max. compression		pression	: 453 kg	9f		
Bearing type		: 6312 2RS C3 2	6312 6212 2RS C3 2RS C3		Foundation loads Max. traction : 165 kgf				
	75% 100%	0.85 0.87		0.88 0.89	3.0 3.0			).86 ).88	
Power Factor	25% 50%	0.79		0.84	0.8			).79	
	100%	93.6		91.7	93			93.0	
Efficiency (%)	25% 50% 75%	92.4 93.6		92.4 92.4	92			92.4 93.6	
loise level <sup>2</sup>	05%	81.0 dB(A)		4.0 dB(A)	74.0 0			) dB(A)	
Locked rotor time		54s (cold) 30s (hot)	36s (d	cold) 20s (hc				d) 20s (hot	
Service factor Temperature rise		1.15 80 K		1.00 80 K	1.0			1.00 30 K	
Breakdown torque	e [ <del>%</del> ]	260		200		29		250	
Locked rotor torque [%]		250		200		0		240	
Rated torque [kgfr	n]	8.15		9.87		34		9.82	
Rated speed [RPM] Slip [%]		1.11		2940	1.6		1.50		
No load current [A]		26.0/13.0 3560	_	12.0 2940	13		14.0 2955		
LRC [A]		6.6x(Code G)	5.0	Dx(Code E)	5.7x(C		6.2x(Code G)		
L. R. Amperes [A]		610/305		279	30	)4	316		
Rated current [A]		92.4/46.2		55.8	53		51.0		
Frequency [Hz] Rated voltage [V]		60 230/460		50 380	5		50 415		
Poles		2		2	2		2		
Dutput [HP]		40		40		40		40	
Protection degree Design		: IP55 : B		Moment c	: 0.2063 kgm <sup>2</sup>				
Ambient temperature Altitude		: -20°C to +40°C : 1000 m.a.s.l.		Starting method Approx. weight <sup>3</sup>		: Direct On Line : 288 kg			
Duty cycle		: Cont.(S1)		Rotation <sup>1</sup>		: Both (CW and CCW)			
Frame Insulation class		: F		Cooling method Mounting		: IC411 - TEFC : F-1			
		: 324TSC			othod	. 10 4 4 4	TEEC		

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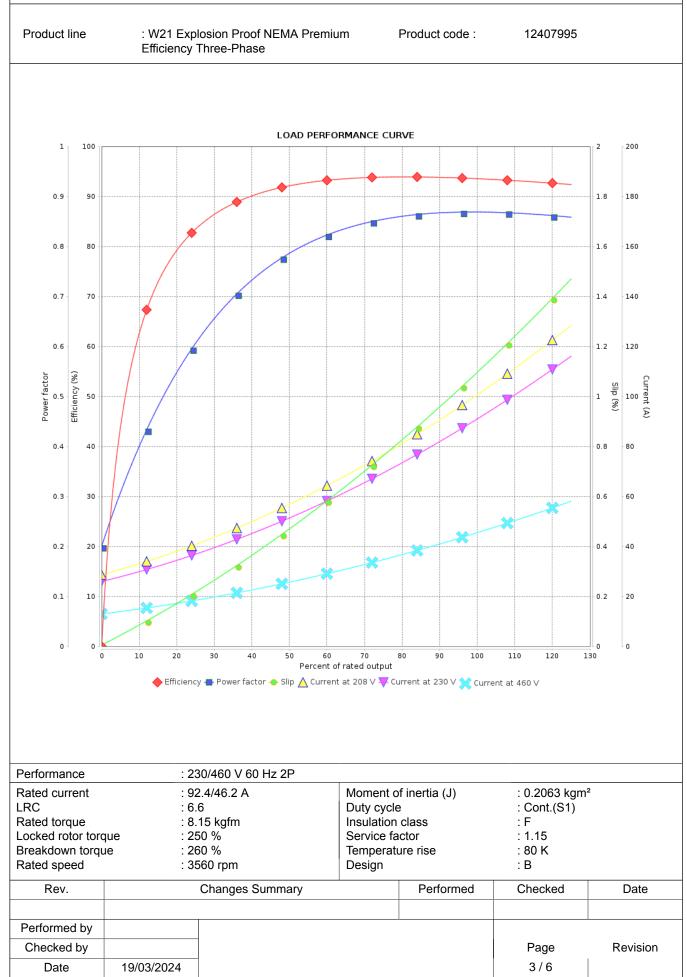
ID	Application	Application Type			Sensing Temperature	
1	Winding	Thermostat - 2 wires	1 x Phase	15	55 °C	
Rev.	Change	es Summary	Performed	Checked	Date	
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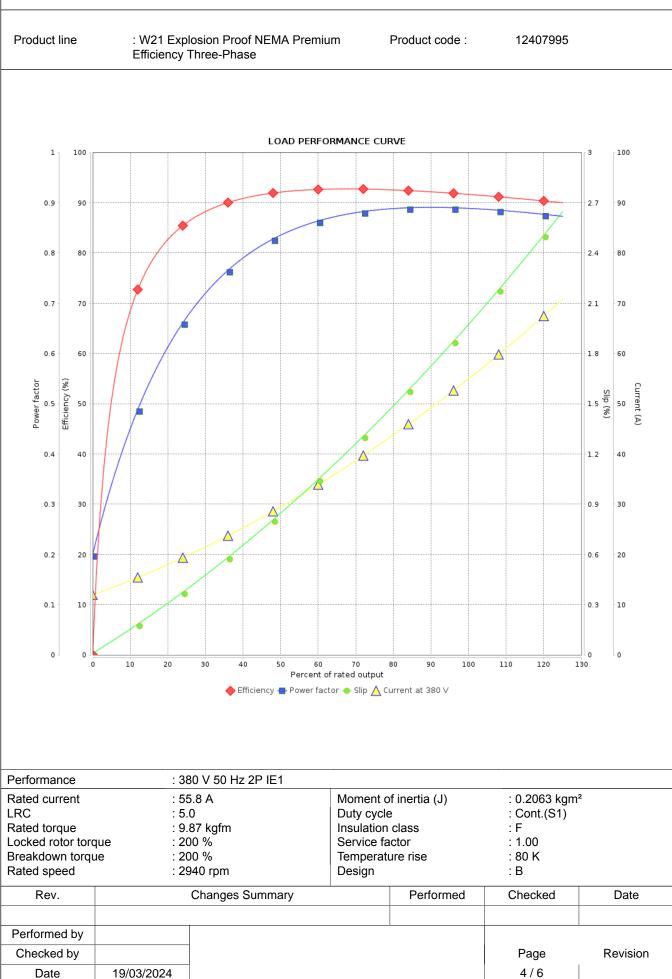
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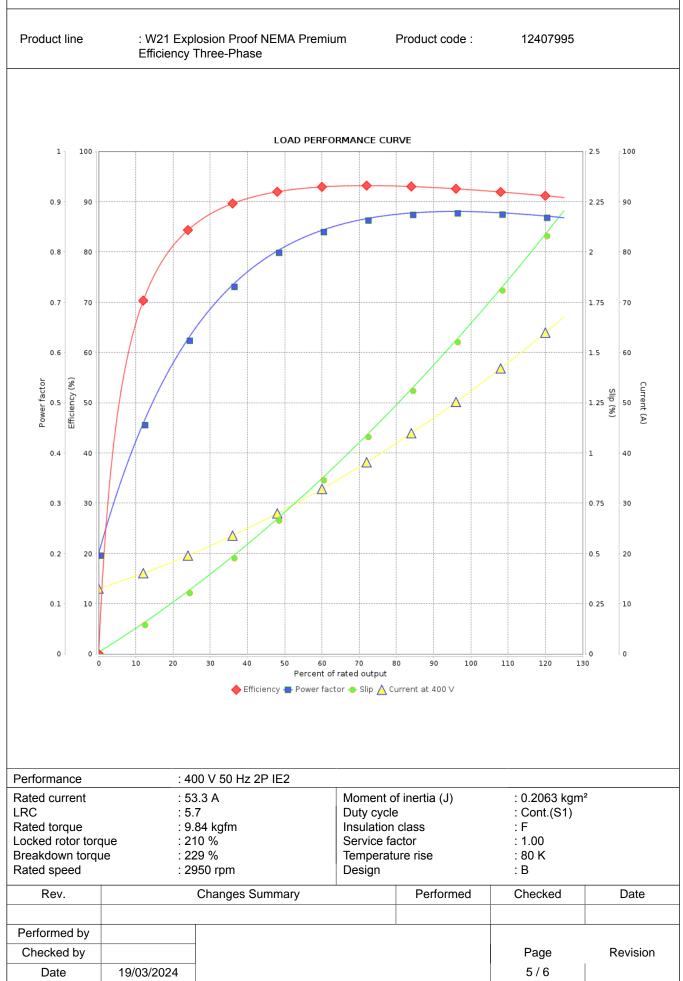


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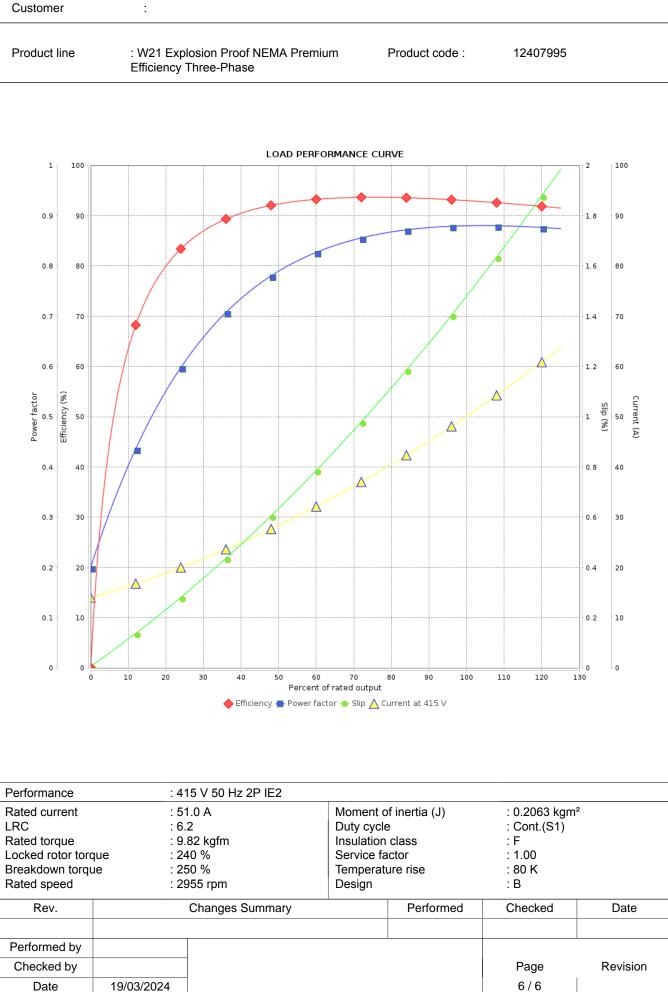
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