DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line		Explosion Proof NEMA ncy Three-Phase	Premium	ı Pr	oduct code :	123879	96	
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree Design		: 586/7TS : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : B	Cooling method Mounting Rotation ¹ Starting method Approx. weight ³ Moment of inert		ethod eight³	: F-1 : Both (CW and CCW) od : Direct On Line t ³ : 1889 kg		
Output [HP]		300		250	25	50	250	
Poles		2	2		2		2	
requency [Hz]		60	50		5	0	50	
Rated voltage [V]		230/460	380		40	00 41		
Rated current [A]		655/328	335		31		305	
. R. Amperes [A]		4323/2162	2077		22		2318	
LRC [A]		6.6x(Code G)				7.0x(Code G) 7.6		H)
No load current [A]		100/50.0	100/50.0 50		53		56.0	
Rated speed [RPM]		3580	3580 298		2980		2983	
Slip [%]		0.56			0.6		0.57	
Rated torque [kgfn		60.8			60		60.8	
ocked rotor torqu		130	130		12		130	
Breakdown torque	[%]	220			22		250	
Service factor		1.15		1.00	1.(1.00	
Temperature rise		80 K		80 K	80		80 K	
ocked rotor time		61s (cold) 34s (hot)					72s (cold) 40s	
loise level ²		85.0 dB(A)	8	1.0 dB(A)	81.0 c	dB(A)	81.0 dB(A))
	25%							
Efficiency (%)	50%	94.5		94.5	94		94.5	
	75%	95.4	95.4		95		95.4	
	100%	95.8		95.4	95	.4	95.8	
	25%							
Power Factor	50%	0.86		0.86	3.0		0.84	
	75%	0.87	0.87		3.0		0.86	
	100%	0.88	<u> </u>	0.88	0.8	58	0.88	
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type		: 6314 C3 63 : Oil Seal Lip : 3604 h 36 : 27 g 22	Oil Seal Lip Seal 3604 h 3604 h		Foundation loads Max. traction : 96 kgf Max. compression : 1985 kgf			
Notes USABLE @208V This revision repla		00 SFA 724A	hich	These are	average values	based on tes	ts with sinusoid	al
must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	d. otor from the m and with t veight subjec ocess.	e shaft end. colerance of +3dB(A). ct to changes after			oly, subject to th	e tolerances s	stipulated in NE	
Rev.		Changes Summary	,		Performed	Checked	l Date)
Performed by								
Checked by						Page	Revisi	on
Date	13/01/202	4				1/6		
	10/01/202	4						

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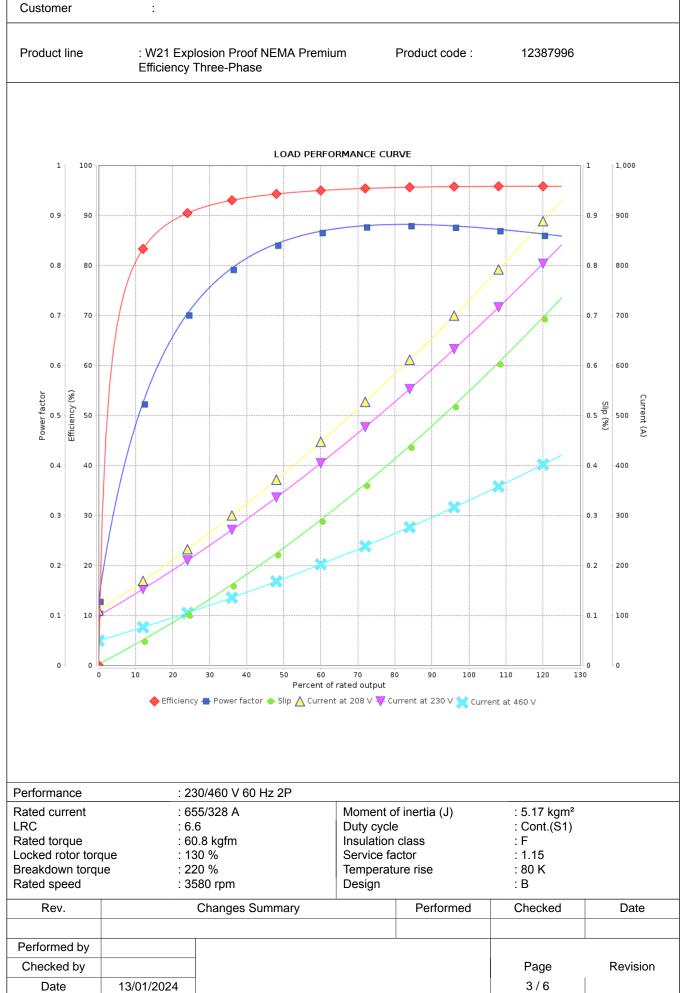
Customer

ID	Application	Туре	Quantity	Sensing	Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	1	55 °C
-					
Deri	0	Cummoni	Deut	Oha alta d	Det
Rev.	Changes	Summary	Performed	Checked	Date
erformed by					
hecked by				Page	Revision
Date	13/01/2024			2/6	
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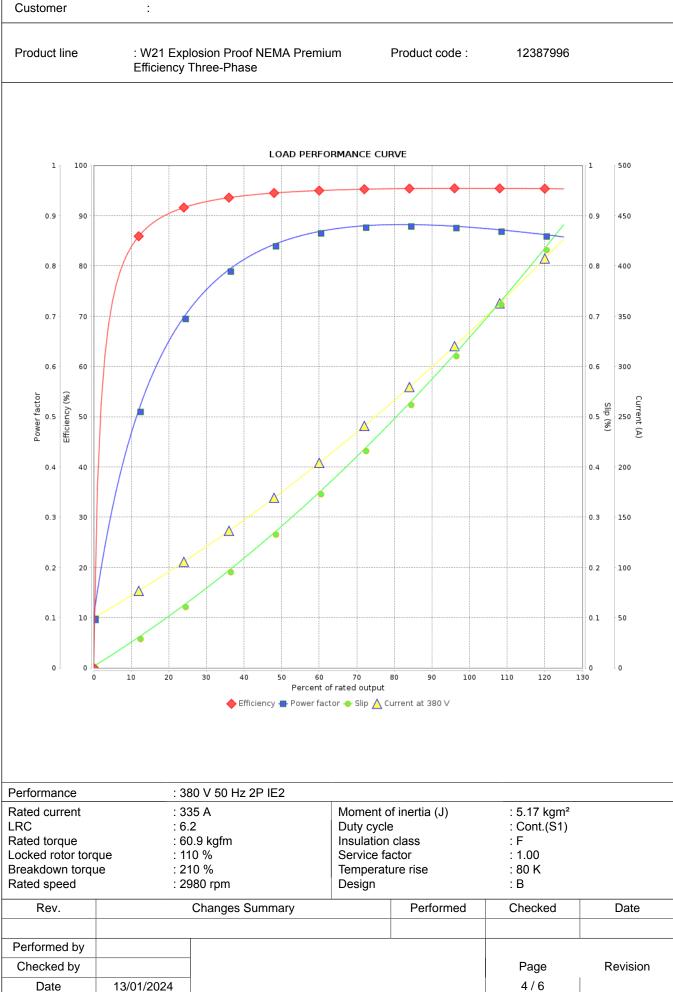
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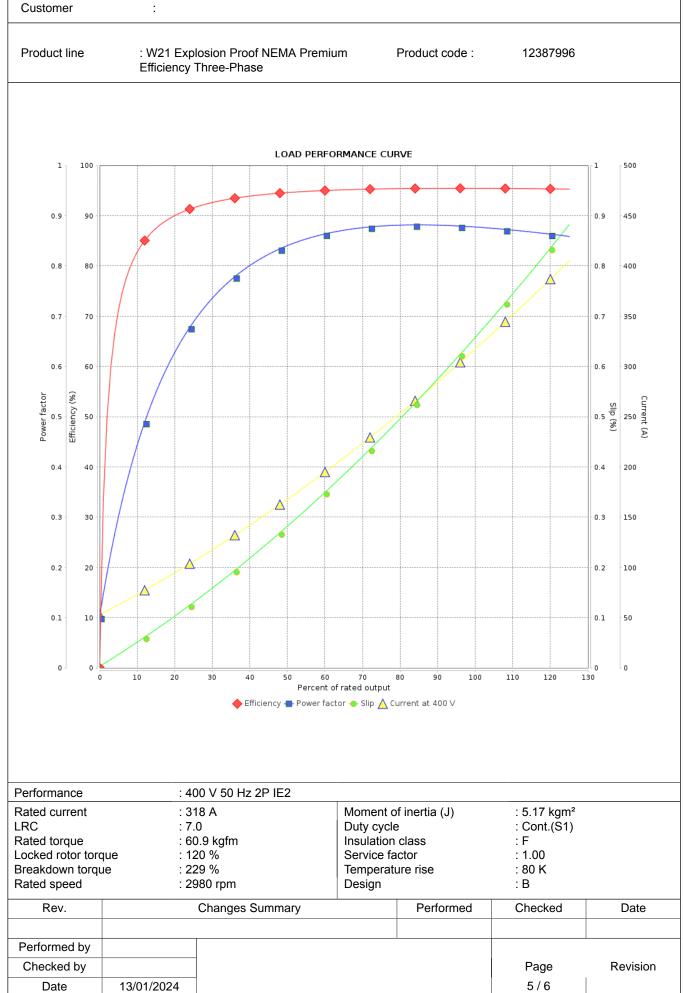
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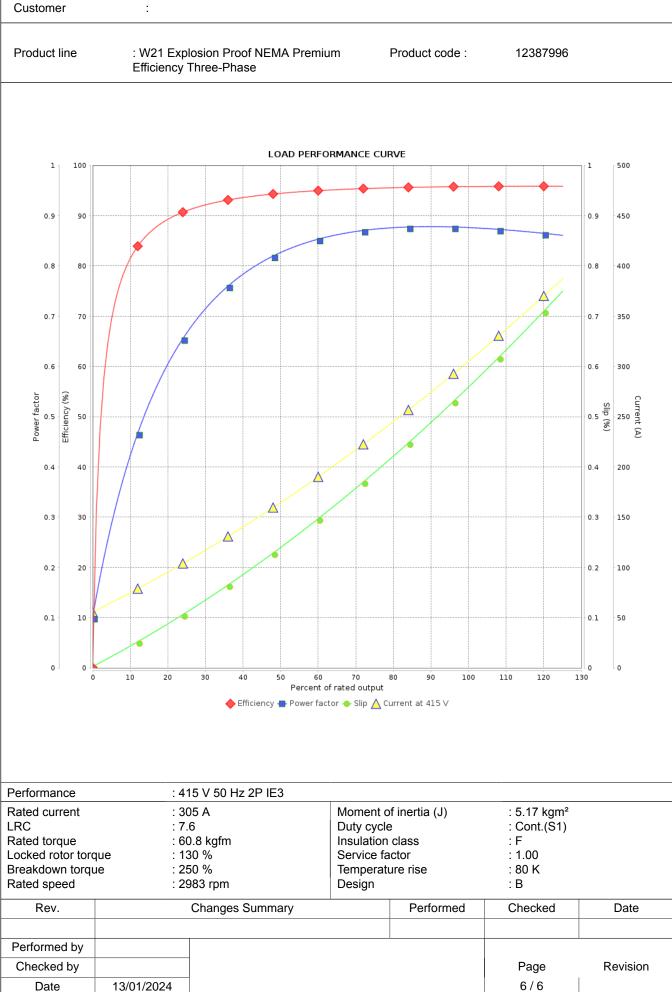
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