DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

Product line		: W21 Explosion Proc Premium Efficiency T			oduct code :	1440775	59	
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree Design		: 284TC : 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 inertia (J)		: IC411 - TEFC : F-1 : Both (CW and CCW) : Direct On Line : 204 kg : 0.1914 kgm²		
Output [HP]		25		25	2	5	25	
Poles		4		4	4		4	
Frequency [Hz]		60		50	5	0	50	
Rated voltage [V]		230/460		380	40	00	415	
Rated current [A]		59.0/29.5		35.9	34	.3	33.2	
L. R. Amperes [A]		366/183		190	18		196	
LRC [A]		6.2x(Code G)	5.3	Bx(Code F)	5.5x(C		5.9x(Code G)	
No load current [A	N]	22.0/11.0		11.0	11		12.4	
Rated speed [RPM]		1770		1455	14		1465	
Slip [%]	-	1.67		3.00	2.6		2.33	
Rated torque [kgfm]		10.3		12.5	12		12.4	
Locked rotor torqu		240		180	20		220	
Breakdown torque [%]		270		210		0	260	
Service factor		1.15		1.00		00	1.00	
Temperature rise		105 K		105 K	105		105 K	
ocked rotor time		36s (cold) 20s (hot)	25s (c	cold) 14s (hot			25s (cold) 14s (ho	
Noise level ²		68.0 dB(A)		4.0 dB(A)	64.0 0		64.0 dB(A)	
Efficiency (%)	25%							
	50%	92.4		92.4	92	.4	92.4	
	75%	93.0		91.7	92		92.4	
	100%	93.6		91.0	91		92.4	
Power Factor	25%							
	50%	0.70		0.76	0.7	73	0.70	
	75%	0.80		0.84	0.8		0.80	
	100%	0.84		0.86	0.8		0.84	
			rive end			1		
Bearing type Sealing Lubrication interval Lubricant amount		: 6311 C3 62 : Oil Seal Lip : 20000 h 20 : 18 g	6311 C3 6211 C3 Oil Seal Lip Seal 20000 h 20000 h 18 g 11 g		Max. traction : 359 kgf Max. compression : 562 kgf			
Lubricant type Notes USABLE @208V	′ 64.5A SF 1.	: Mobil Polyrex	EM					
must be eliminate (1) Looking the m (2) Measured at	ed. notor from the 1m and with t weight subjec ocess.	ncel the previous one, w e shaft end. colerance of +3dB(A). ct to changes after Changes Summary					s with sinusoidal tipulated in NEMA	
			,			Chookou		
Performed by								
Checked by						Page	Revision	
-	20/40/202	1				1/6		
Date	28/10/202	4				0 / 1		

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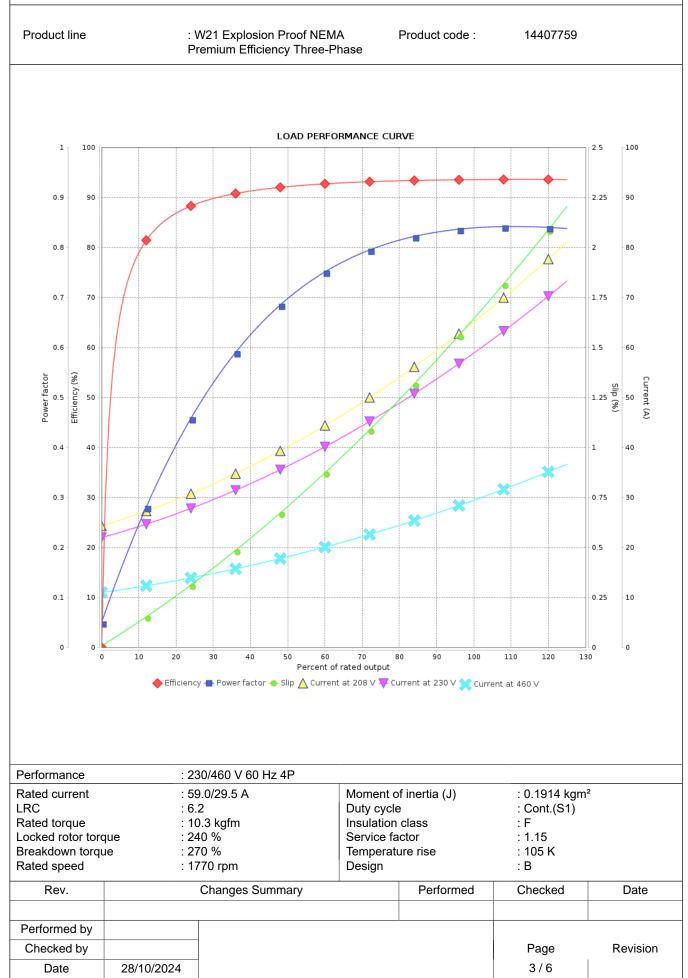
ID	Application	Туре	Quantity	Sensina	Sensing Temperature	
1	Winding	Thermostat - 2 wires	1 x Phase		55 °C	
Rev.	Chang	jes Summary	Performed	Checked	Date	
Performed by Checked by				Page	Revision	



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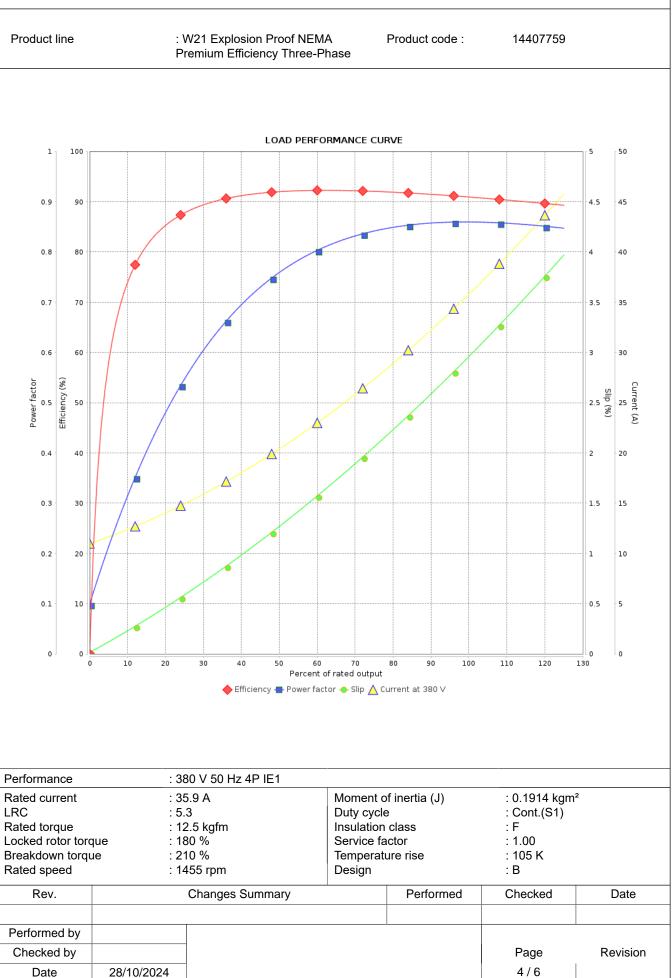
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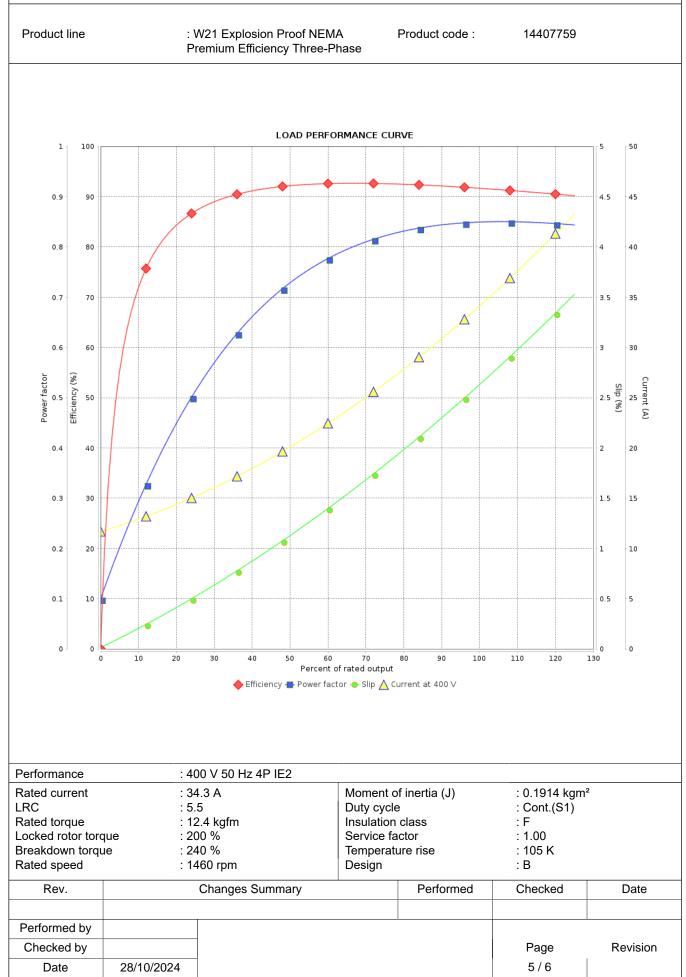


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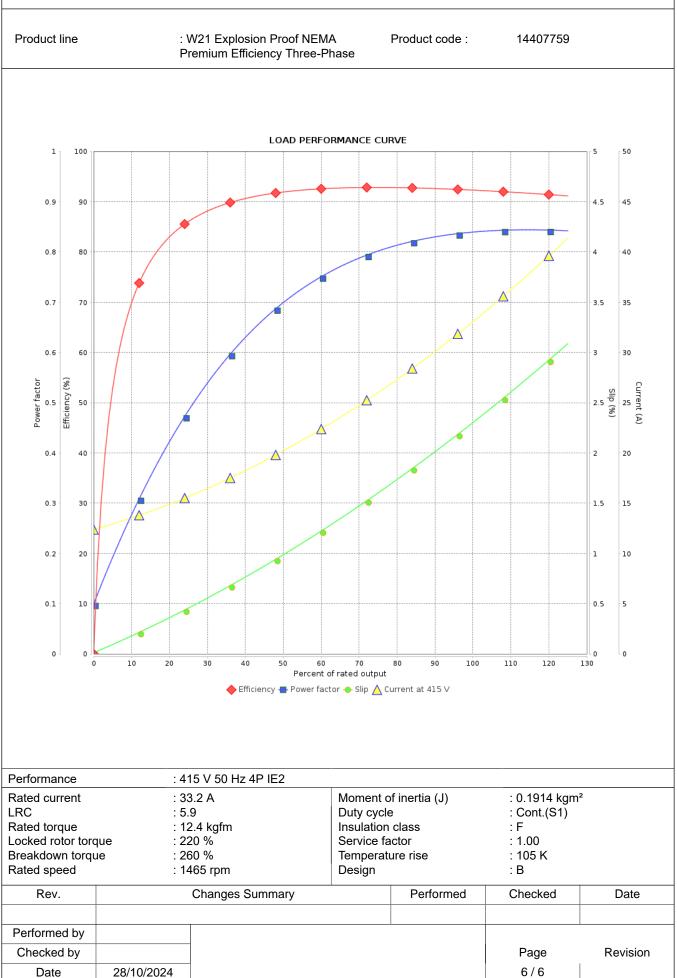
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