DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

F		ncy Three-Phase					
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 met Mounting Rotation ¹ Starting met Approx. wei Moment of i	: F-1 : Bo thod : Dir ght ³ : 203	: IC411 - TEFC : F-1 : Both (CW and CCW) : Direct On Line : 203 kg : 0.1914 kgm ²		
Output [HP]		25	25	25	25		
Poles		4	4	4	4		
Frequency [Hz]		60	50	50	50		
Rated voltage [V]		230/460	380	400	415		
Rated current [A]		59.0/29.5	35.9	34.3	33.2		
L. R. Amperes [A]		366/183	190	189	196		
LRC [A]		6.2x(Code G)	5.3x(Code F)	5.5x(Code F)	5.9x(Code G)		
No load current [A]		22.0/11.0	11.0	11.7	12.4		
Rated speed [RPN	vij	1770	1455	1460 2.67	1465 2.33		
Slip [%]		1.67	1.67 3.00 10.3 12.5		2.33		
Rated torque [kgfm] Locked rotor torque [%]		240			220		
Breakdown torque		240	210	200 240	220		
Service factor	· [/0]	1.15	1.00	1.00	1.00		
Temperature rise		105 K	105 K	105 K	1.00 105 K		
Locked rotor time		36s (cold) 20s (hot)	25s (cold) 14s (hot)		25s (cold) 14s (hot)		
Noise level ²		68.0 dB(A)	64.0 dB(A)	64.0 dB(A)	64.0 dB(A)		
	25%						
Efficiency (0/)	50%	92.4	92.4	92.4	92.4		
Efficiency (%)	75%	93.0	91.7	92.4	92.4		
	100%	93.6	91.0	91.7	92.4		
	25%						
Power Factor	50%	0.70	0.76	0.73	0.70		
	75%	0.80	0.84	0.82	0.80		
	100%	0.84	0.86	0.85	0.84		
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type		: 6311 C3 62 : Oil Seal Lip	11 C3 Max. traction	Foundation loads Max. traction : 359 kgf Max. compression : 562 kgf			
Lubrication inter- Lubricant amour Lubricant type			11 g				
Lubrication inter Lubricant amoun Lubricant type Notes USABLE @208V	1t 7 64.5A SF 1. aces and car	: 18 g : Mobil Polyrex E	I1 g EM hich These are av	verage values based on			
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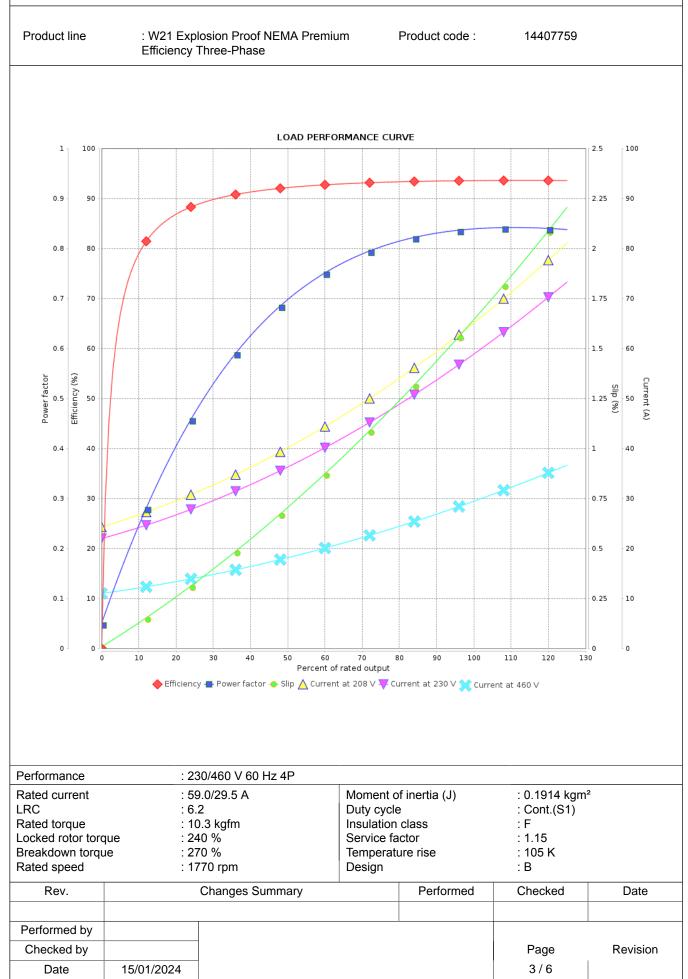
ID	Application	pplication Type Quant		Sensing ⁻	Temperature	
1	Winding	Thermostat - 2 wires	1 x Phase	15	55 °C	
Rev.	Change	es Summary	Performed	Checked	Date	
rformed by necked by				Page	Revision	
	15/01/2024			2/6		



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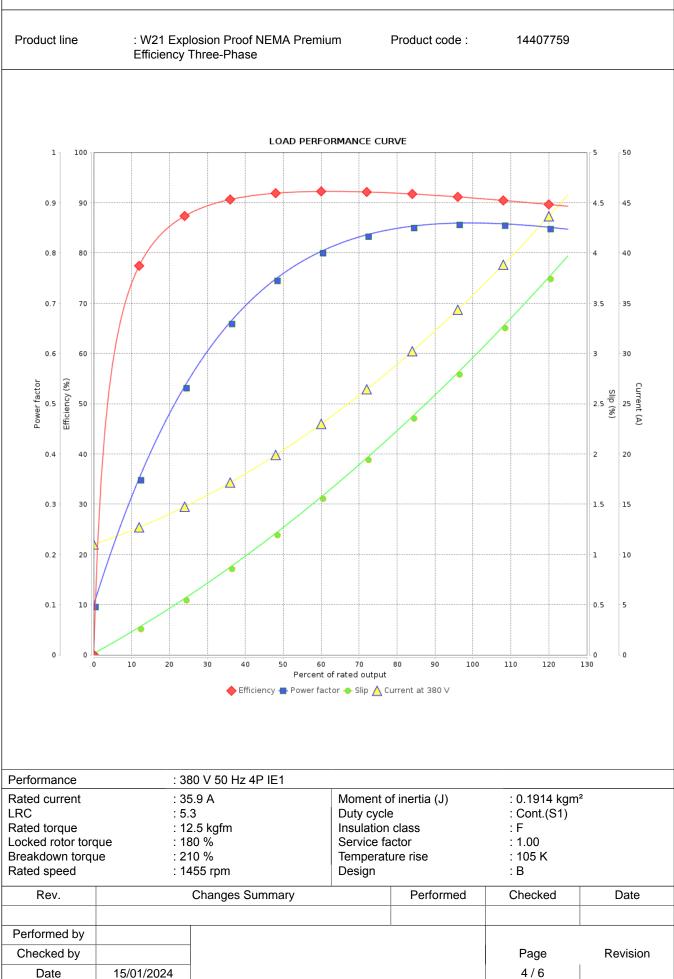
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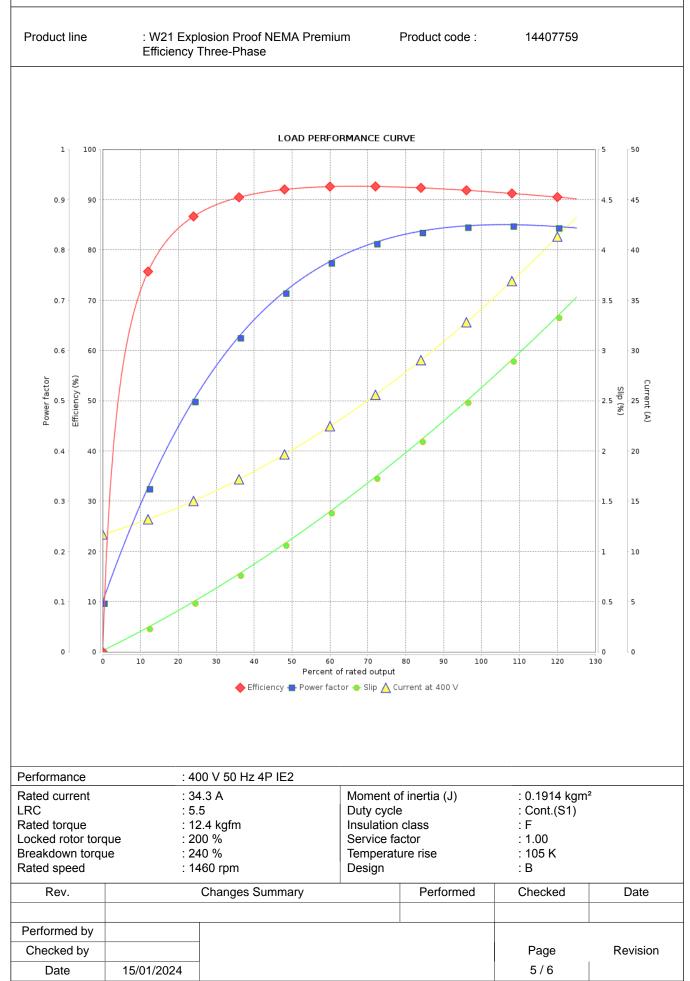


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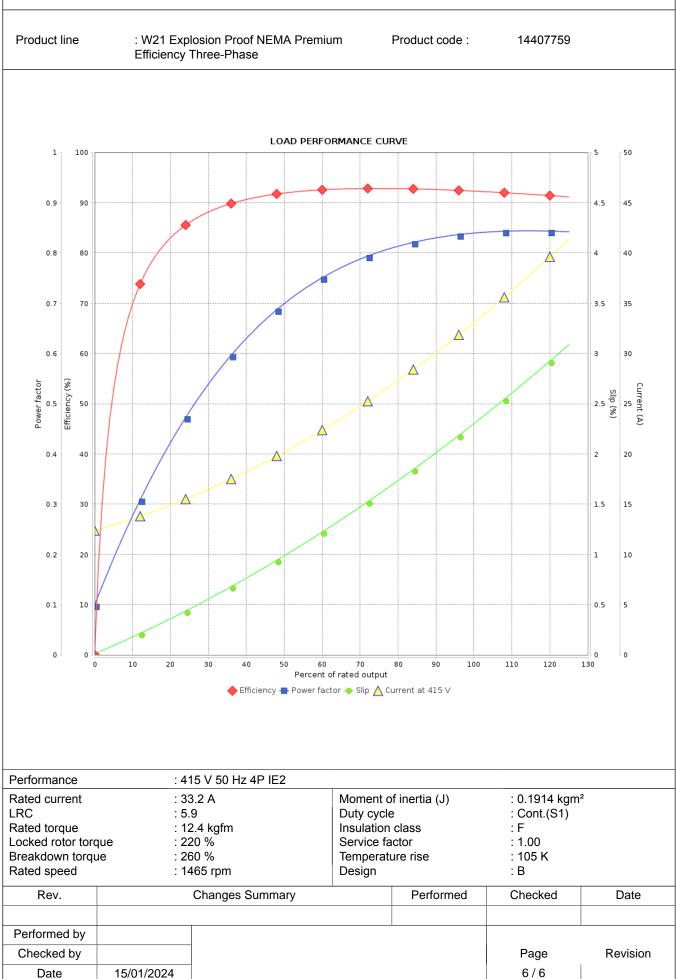
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