DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

Checked by Date	28/10/2024					Page 1 / 6	Revision
Performed by							
Rev.		Changes Summary			Performed	Checke	d Date
must be eliminate (1) Looking the m	d. otor from the m and with to veight subject ocess.	lerance of +3dB(A).	nich				sts with sinusoidal stipulated in NEM
Notes USABLE @208V	79.6A SF 1.0	0 SFA 79.6A					
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type		18 g 1					
		Drive end Non drive end 6311 C3 6211 C3 Oil Seal Lip Seal 20000 h 20000 h		Foundation loadsMax. traction: 398 kgfMax. compression: 622 kgf			
	100%	0.84 Drive and Non dr	ivo ord	0.86	3.0	35	0.84
Power Factor	50% 75%	0.70		0.76 0.83	0.7 3.0		0.70 0.80
	25%						
Efficiency (%)	50% 75% 100%	93.0 93.0 93.6		90.0 90.2 90.2	90 91 91	.0	91.2 91.7 91.7
	25%	. ,		. ,			. ,
loise level ²		68.0 dB(A)			64.0 c		64.0 dB(A)
Temperature rise Locked rotor time		105 K 30s (cold) 17s (hot)	105 K 23s (cold) 13s (hot)		105 ot) 23s (cold)		105 K 21s (cold) 12s (h
Service factor		1.15		1.00	1.(1.00
Breakdown torque [%]		240		200	22	20	240
Rated torque [kgfm] Locked rotor torque [%]		240				.9	220
Slip [%] Bated torque [kafm]		1.67 12.3		3.00 15.0	2.0		2.33 14.9
Rated speed [RPM]		1770		1455	14		1465
No load current [A]		24.6/12.3		12.2	13	.1	13.8
L. R. Amperes [A]		6.1x(Code G)	5.3	x(Code F)	6.0x(C		6.0x(Code G)
Rated current [A] L. R. Amperes [A]		70.2/35.1 428/214		43.4 230	41		39.7 238
Rated voltage [V]		230/460		380	40		415
Frequency [Hz]		60		50	5		50
Output [HP] Poles		30 4		30 4	3		30 4
Protection degree Design		: IP55 : B		Moment of inertia (J)		: 0.2175 kgm²	
Ambient temperature Altitude		: -20°C to +40°C : 1000 m.a.s.l.		Starting method Approx. weight ³		: Direct On Line : 224 kg	
Duty cycle		: Cont.(S1)		Rotation ¹		: Both (CW and CCW)	
	Frame Insulation class			Cooling method Mounting		: F-1	
Insulation class		: 286T		- Coolina m	ielnoa	1041	1 - TEFC

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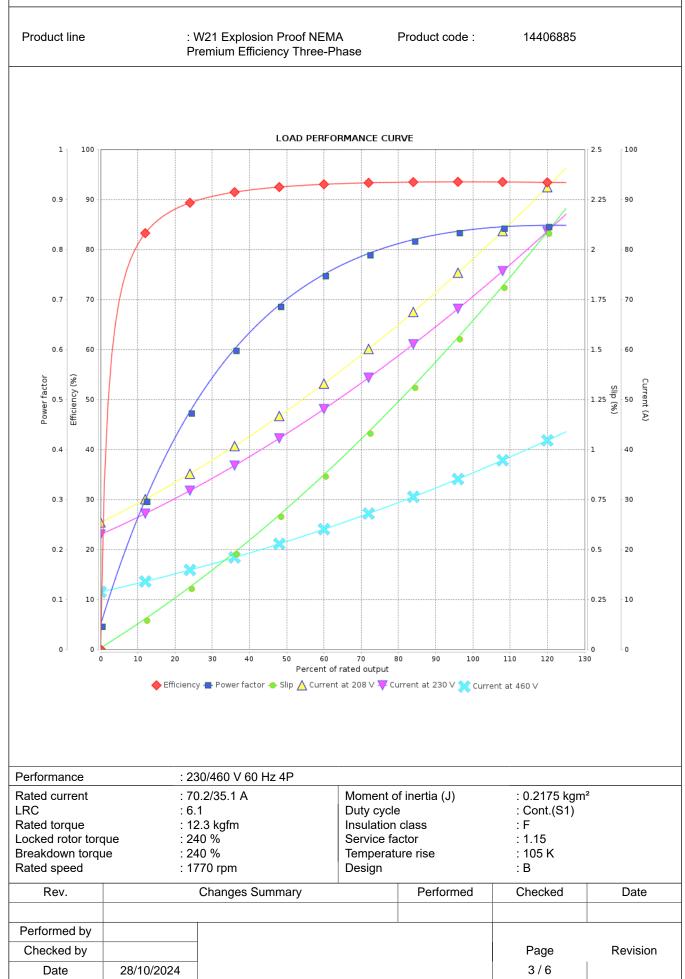
ID	Application	Application Type Quantity				
1	Winding	Thermostat - 2 wires	1 x Phase		Temperature 55 °C	
Rev.	Chang	jes Summary	Performed	Checked	Date	
Performed by Checked by				Page	Revision	



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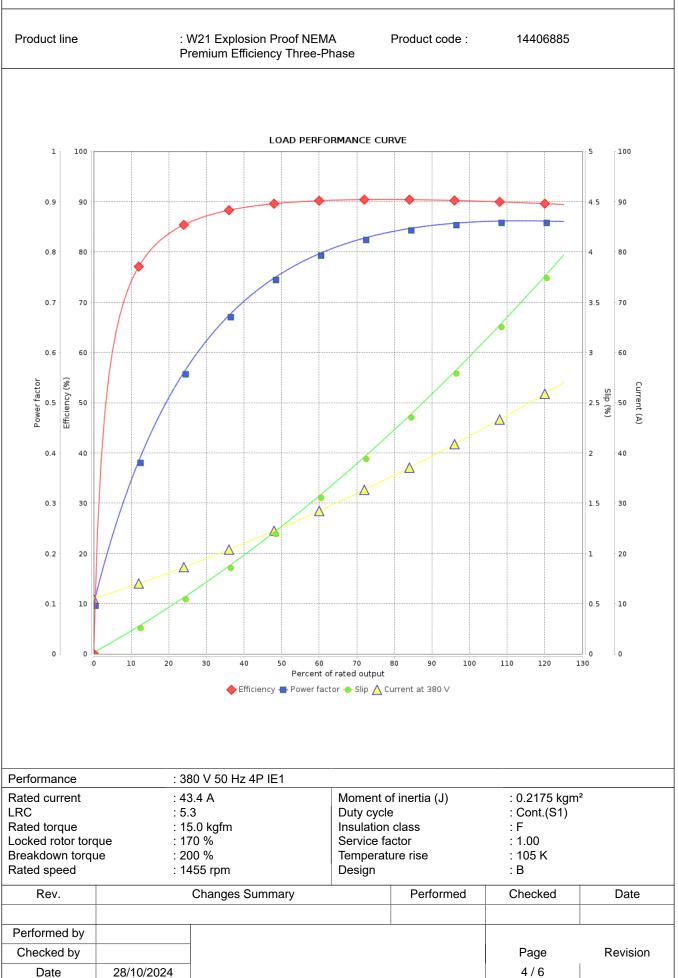
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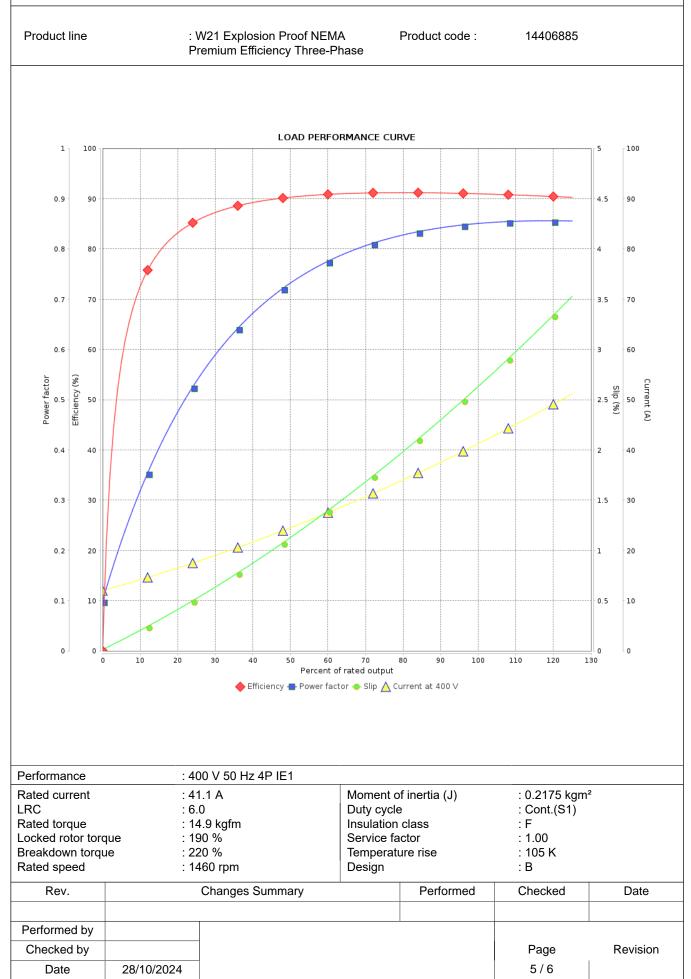


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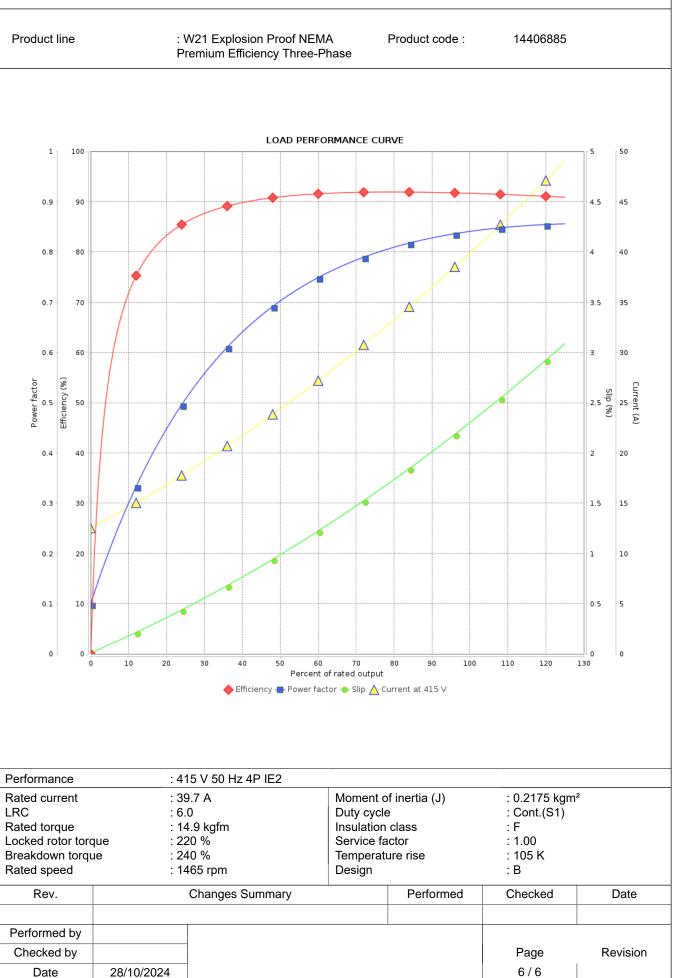
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