DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

		ncy Three-Phase					
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree		: 286TS : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55	FMountingCont.(S1)Rotation1-20°C to +40°CStarting method1000 m.a.s.l.Approx. weight3		: F-1 : Both (CW and CCW) : Direct On Line : 230 kg		
Design	-	: B				5	
Output [HP]		30	30	30		30	
Poles		2	2	2		2	
Frequency [Hz]		60	50	50		50	
Rated voltage [V]		230/460	380	400		415	
Rated current [A]		67.4/33.7 452/226	41.3 211	38.9		37.9 250	
L. R. Amperes [A]		452/226 6.7x(Code G)	5.1x(Code E)			6.6x(Code G)	
LRC [A] No load current [A]		15.0/7.50	5. TX(Code E) 7.00		5.7x(Code F) 6. 8.00		
Rated speed [RPN		3545	2910	293		8.40 2940	
Slip [%]		1.53	3.00	2.33		2.00	
Rated torque [kgfm]		6.14	7.48	7.43		7.41	
Locked rotor torque [%]		250	190	200		220	
Breakdown torque [%]		240	190	200		260	
Service factor		1.15	1.00	1.00		1.00	
Temperature rise		80 K	80 K	80 I		80 K	
Locked rotor time		77s (cold) 43s (hot)	57s (cold) 32s (hot)			57s (cold) 32s (hot)	
Noise level ²	050/	75.0 dB(A)	70.0 dB(A)	70.0 dl		70.0 dB(A)	
	25% 50%	92.2 92.4	92.9 92.4	92.9 92.4		92.9	
Efficiency (%)	50% 75%	92.4	92.4	92.4		92.4 92.4	
	100%	93.0	91.0	92.2		92.4	
Power Factor	25%	0.58	0.65	0.60		0.58	
	50%	0.30	0.82	0.80		0.78	
	75%	0.86	0.88	0.8		0.86	
	100%	0.88	0.89	0.89		0.88	
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type		: 6311 C3 62 : Oil Seal Lip : 11517 h 14	ive end 11 C3 Seal 226 h 1 g Max. compression 1 g	on loads stion : 160 kgf			
Notes USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at 1	aces and car ed. notor from the 1m and with t	00 SFA 74.5A ncel the previous one, wh shaft end. olerance of +3dB(A).	nich These are a	•		ts with sinusoidal stipulated in NEMA	
Notes USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at 1	aces and car ed. notor from the Im and with t weight subject ocess.	00 SFA 74.5A ncel the previous one, wh	nich These are a power suppl MG-1.	•		stipulated in NEMA	
Notes USABLE @208V This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	aces and car ed. notor from the Im and with t weight subject ocess.	00 SFA 74.5A ncel the previous one, wh e shaft end. olerance of +3dB(A).	nich These are a power suppl MG-1.	y, subject to the	tolerances	stipulated in NEMA	
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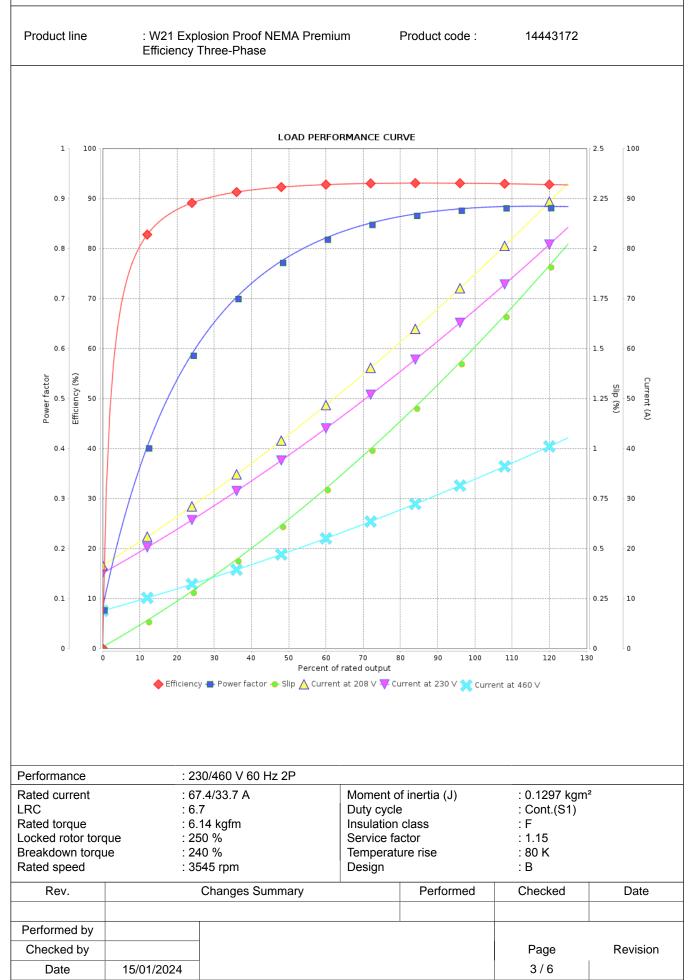
ID	Application	pplication Type		Sensing Temperature	
1	Winding	Thermostat - 2 wires	1 x Phase	15	55 °C
Rev.	Change	es Summary	Performed	Checked	Date
rformed by necked by				Page	Revision
	15/01/2024			2/6	



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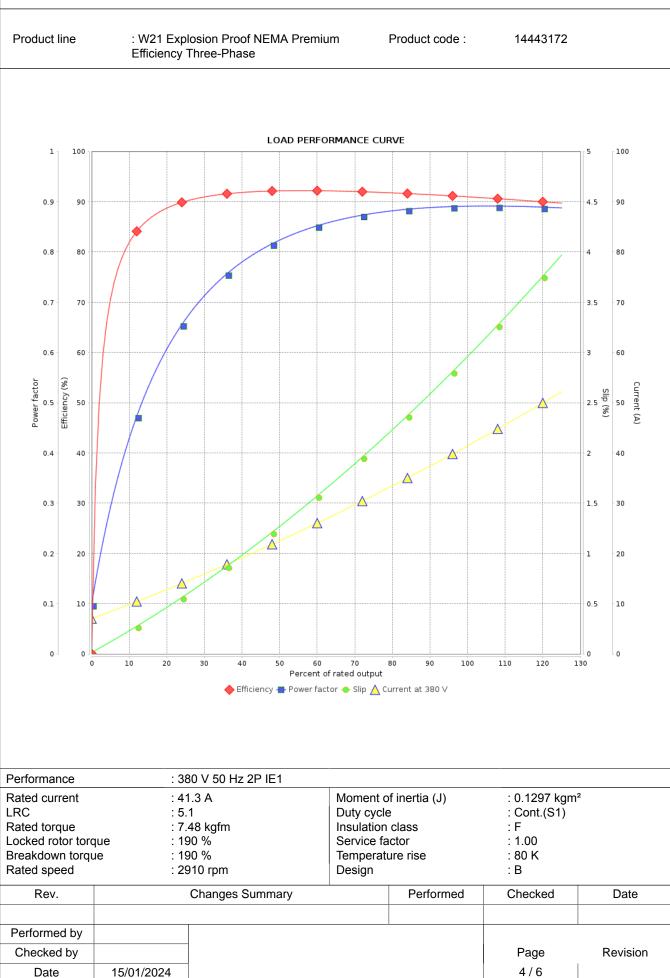
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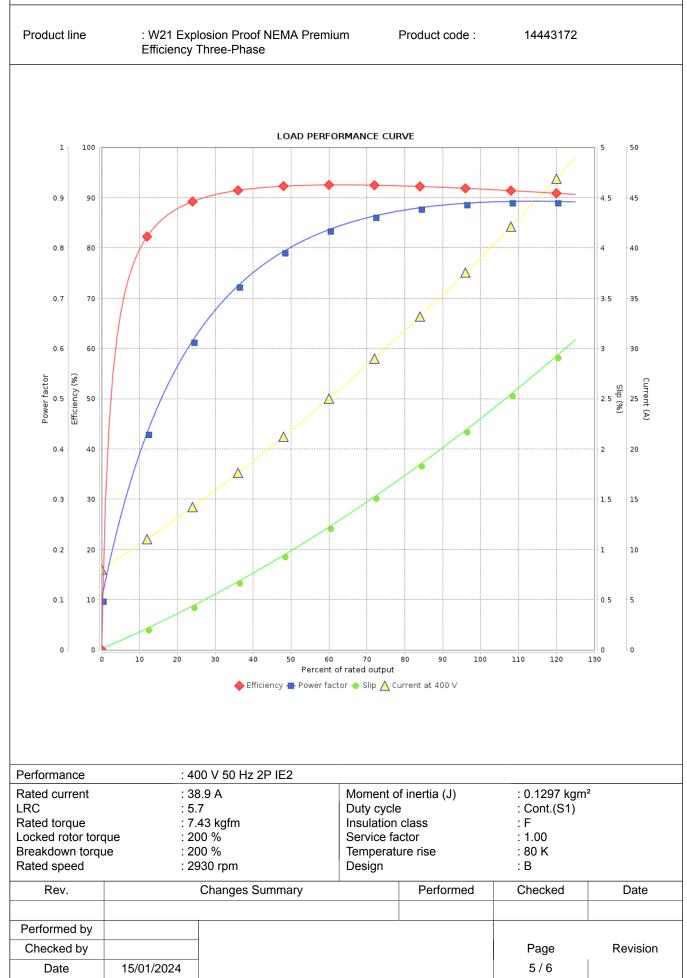


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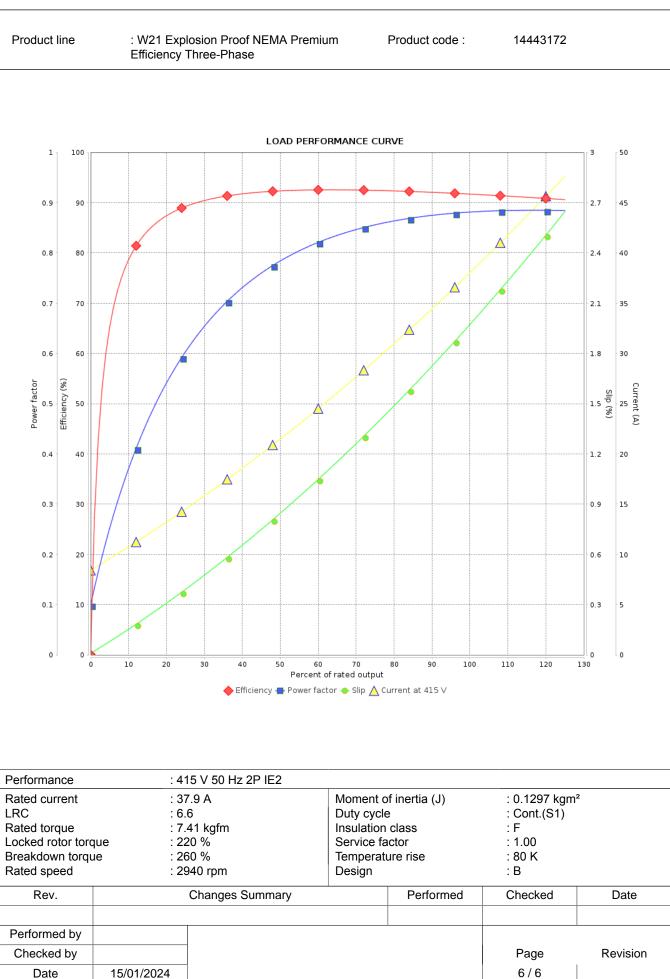
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