DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

		ncy Three-Phase			2751		
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree Design		: 182/4TCooling meth: FMounting: Cont.(S1)Rotation1: -20°C to +40°CStarting meth: 1000 m.a.s.l.Approx. weig: IP55Moment of in: B		: F-1 : Both (CW and CCW) od : Direct On Line ht ³ : 55.9 kg			
Output [HP]		3	3	3	3		
Poles		2	2	2	2		
Frequency [Hz]		60	50	50	50		
Rated voltage [V]		230/460	380	400	415		
Rated current [A]		7.52/3.76	4.44	4.27	4.16		
L. R. Amperes [A]		63.2/31.6	29.7	31.6	33.3		
LRC [A]		8.4x(Code K)	6.7x(Code H)	7.4x(Code J)	8.0x(Code J)		
No load current [A]		2.80/1.40	1.30	1.40	1.48		
Rated speed [RPM]		3510	2880	2890	2900		
Slip [%]	-	2.50	4.00	3.67	3.33		
Rated torque [kgfr	n]	0.620	0.756	0.753	0.751		
Locked rotor torque [%]		250	210	240	260		
Breakdown torque		400	300	340	370		
Service factor	. [, .]	1.15	1.00	1.00	1.00		
Temperature rise		80 K	80 K	80 K	80 K		
Locked rotor time		54s (cold) 30s (hot)	77s (cold) 43s (hot)	77s (cold) 43s (hot)	77s (cold) 43s (hot)		
Noise level ²		69.0 dB(A)	64.0 dB(A)	64.0 dB(A)	64.0 dB(A)		
	25%	81.3	82.0	81.2	81.3		
	50%	82.5	82.5	82.5	82.5		
Efficiency (%)	75%	85.5	85.5	85.5	85.5		
	100%	86.5	85.5	86.5	86.5		
Power Factor	25%	0.48	0.55	0.51	0.48		
	50%	0.48	0.33	0.75	0.48		
	75%	0.73	0.78	0.83	0.72		
	100%	0.85	0.88	0.86	0.85		
Bearing type Sealing Lubrication interval Lubricant amount		<u>Drive end</u> <u>Non dr</u> : 6307 2RS 620	ive end 6 2RS Max. traction	Foundation loads			
Lubrication interv		: - : - : Mobil Polyrex E	- EM				
Lubrication interv Lubricant amoun	it		- EM				
Lubrication interv Lubricant amoun Lubricant type 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 aces and car ed. notor from the Im and with t weight subject occess.	15 SFA 9.56A cel the previous one, wi shaft end. plerance of +3dB(A). t to changes after	hich These are ave power supply, MG-1.	erage values based on te , subject to the tolerance	s stipulated in NEMA		
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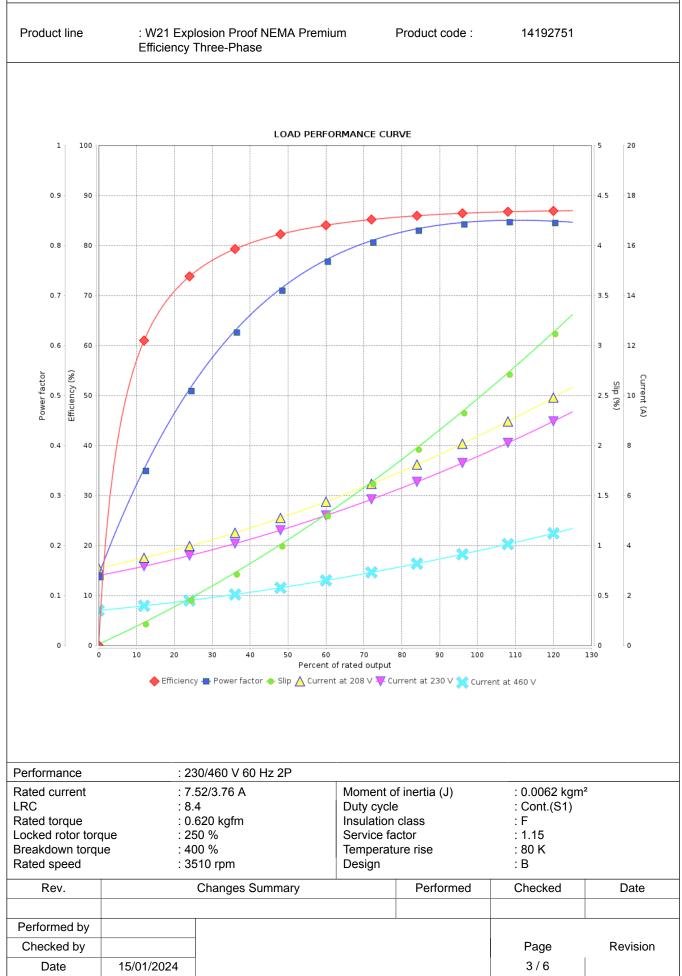
ID	Application	pplication Type		Sensing Temperature	
1	Winding	Thermostat - 2 wires	1 x Phase	15	55 °C
Rev.	Change	es Summary	Performed	Checked	Date
rformed by necked by				Page	Revision
	15/01/2024			2/6	



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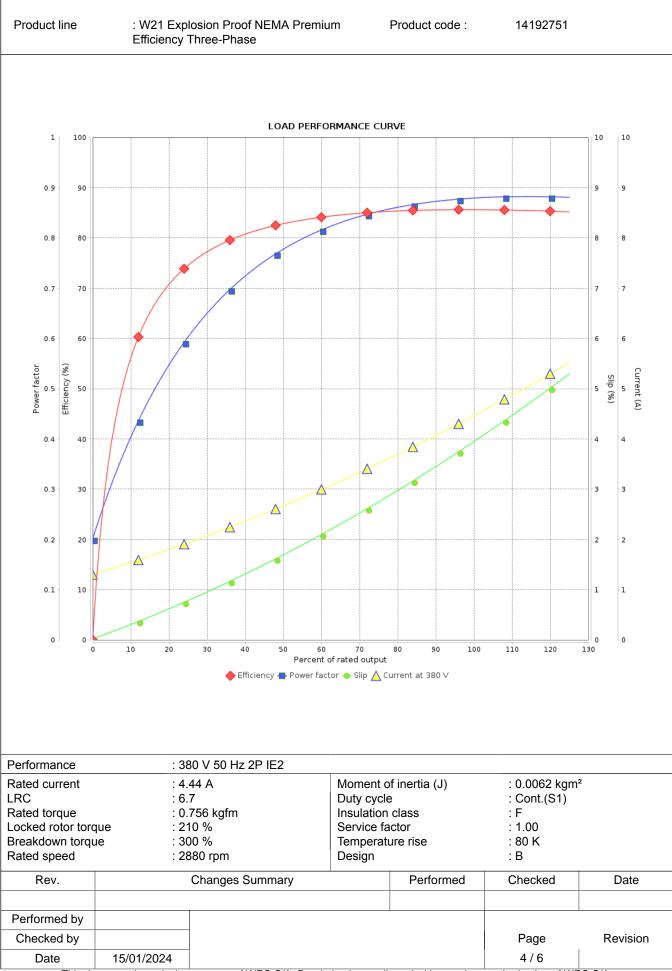
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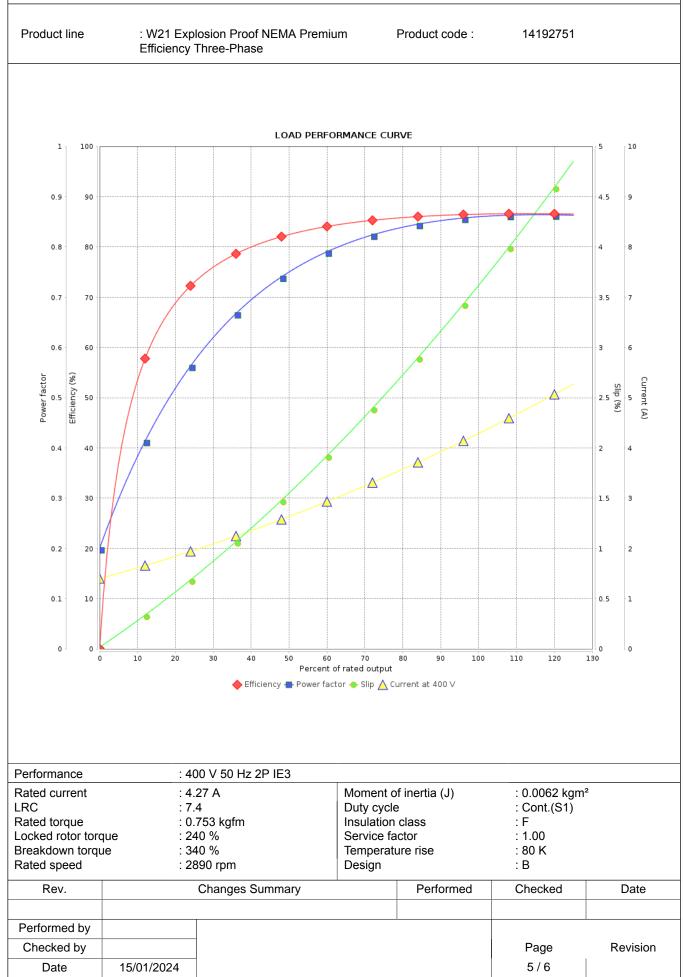


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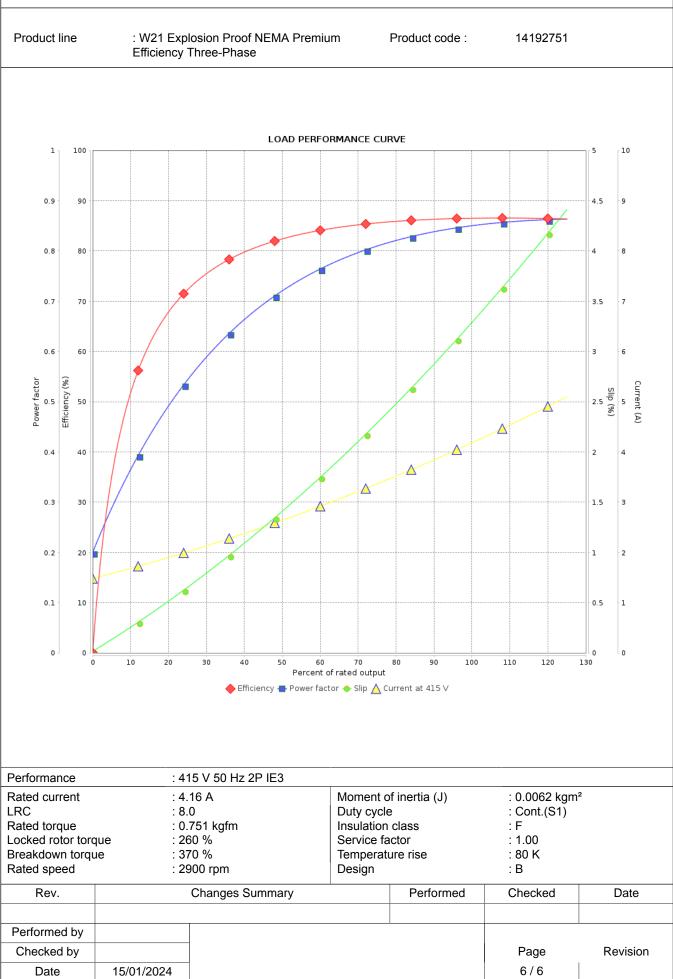
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