DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

		: W21 Explosion Proo Premium Efficiency Th			uct code : 14	4255321		
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree		: FMounting: Cont.(S1)Rotation1: -20°C to +40°CStarting m: 1000 m.a.s.l.Approx. w: IP55Moment of			: F-1 : Both (CW and CCW) ethod : Direct On Line eight ³ : 30.0 kg			
Design		: B						
Output [HP]		1		1	1		1	
Poles		4 60		4	4		4	
Frequency [Hz]				50 380	50 400		50 415	
Rated voltage [V]				1.73	1.68		1.66	
Rated current [A] L. R. Amperes [A]				11.6	12.4		13.1	
_RC [A]		8.6x(Code M)		/x(Code J)	7.4x(Code K)		7.9x(Code L)	
LRC [A] No load current [A]		1.88/0.940	0.7	0.920	0.990		1.06	
Rated speed [RPN		1.88/0.940		1445	1450		1455	
Slip [%]	1	2.50		3.67	3.33		3.00	
Slip [%] Rated torque [kgfm]		0.414		0.502	0.501		0.499	
Locked rotor torque [%]		280		210	240		260	
Breakdown torque [%]		360			280		310	
Service factor		1.15			1.00		1.00	
Temperature rise		80 K		80 K	80 K		80 K	
Locked rotor time				cold) 20s (hot)	36s (cold) 20s (ho	ot) 36s	(cold) 20s (hot	
Noise level ²		51.0 dB(A)		9.0 dB(A)	49.0 dB(A)	, 000	49.0 dB(A)	
	25%			()				
	50%	80.0		81.5	81.0		80.0	
Efficiency (%)	75%	82.5		82.5	82.5		82.5	
	100%	85.5		82.5	82.5		84.0	
Power Factor	25%							
	50%	0.57		0.62	0.58		0.55	
	75%	0.68		0.74	0.70		0.68	
	100%	0.75		0.80	0.78		0.75	
Bearing type		Drive endNon drive endFoundation loads6205 2RS6204 2RSMax. traction				9 kgf		
Sealing		: Oil Seal Lip	Seal	Max. compres		9 kgf		
Lubrication interv		: -	-					
Lubricant amoun	lt .	: -	:					
Lubricant type		: Mobil Polyrex E	EM					
USABLE @208V	3 16A SE 1	15 054 0 044						
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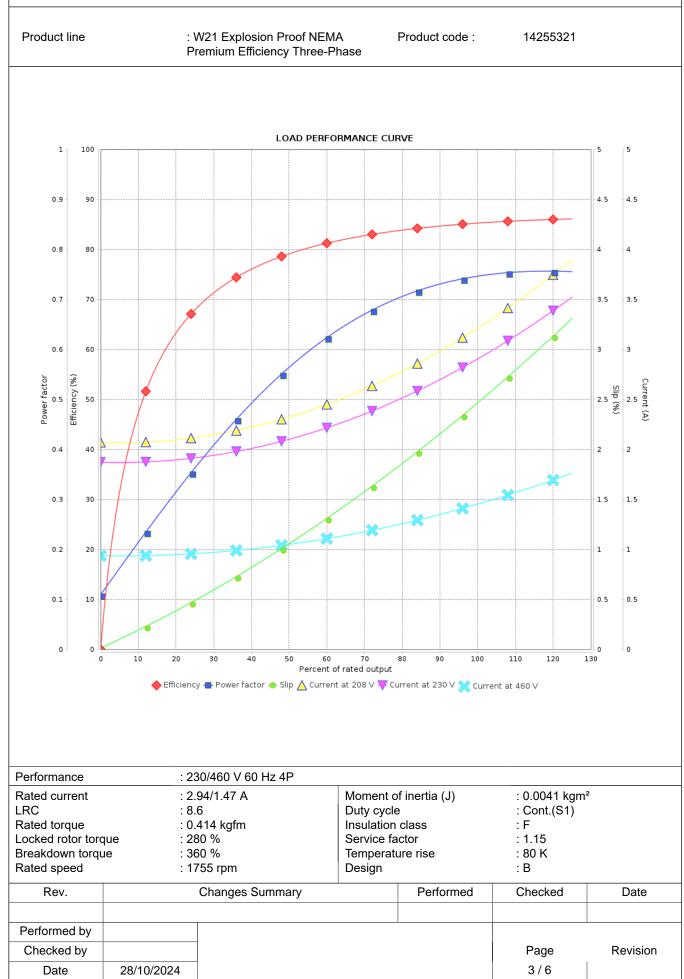
ID	Application	Quantity	Sensing Temperature		
1	Winding	Type Thermostat - 2 wires	1 x Phase		55 °C
Rev.	Chang	jes Summary	Performed	Checked	Date
Performed by Checked by				Page	Revision



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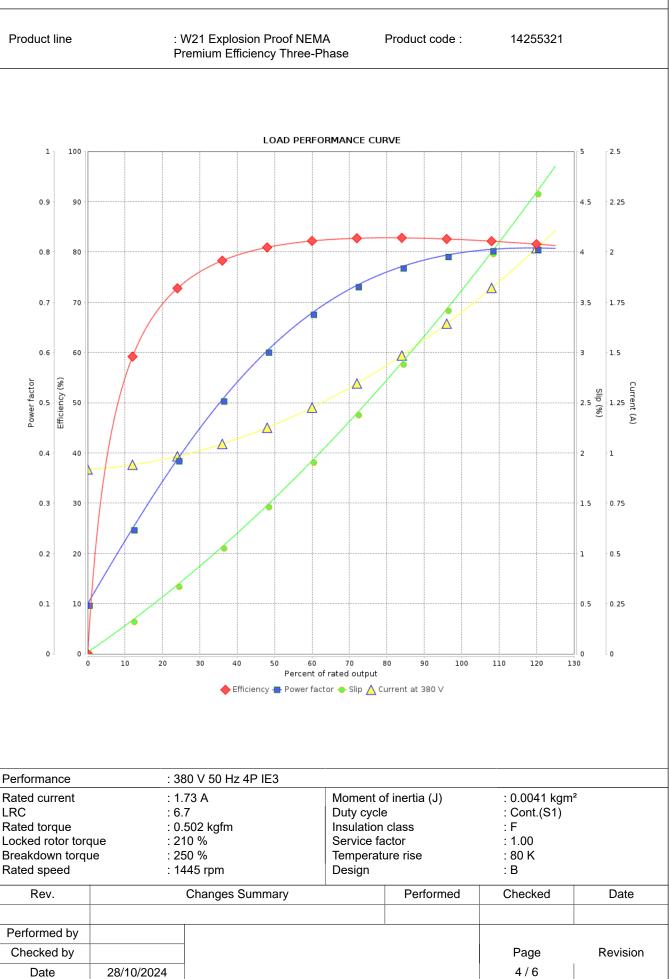
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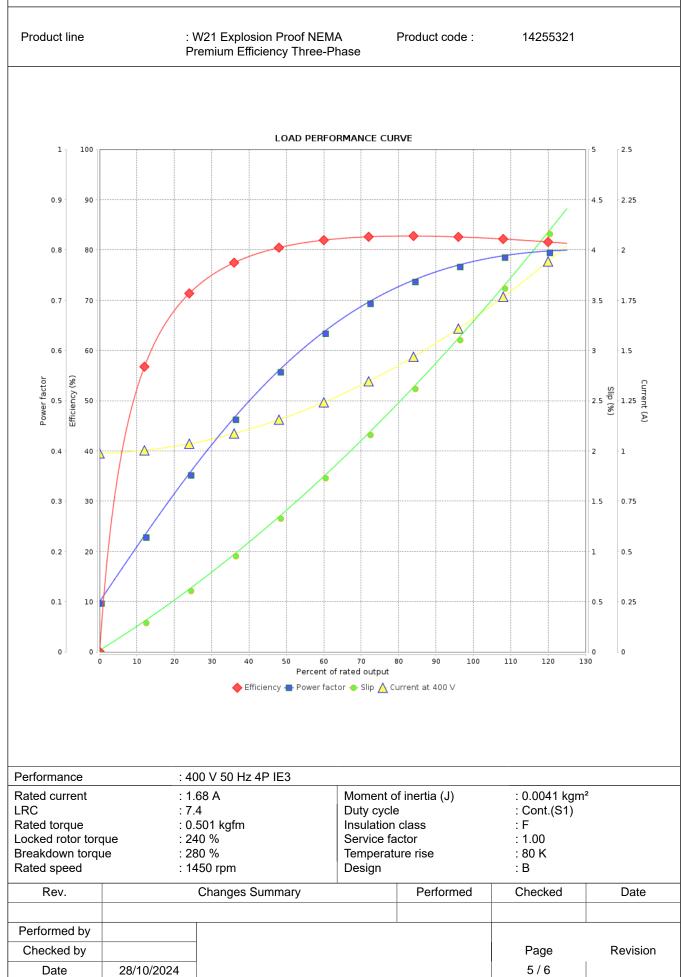


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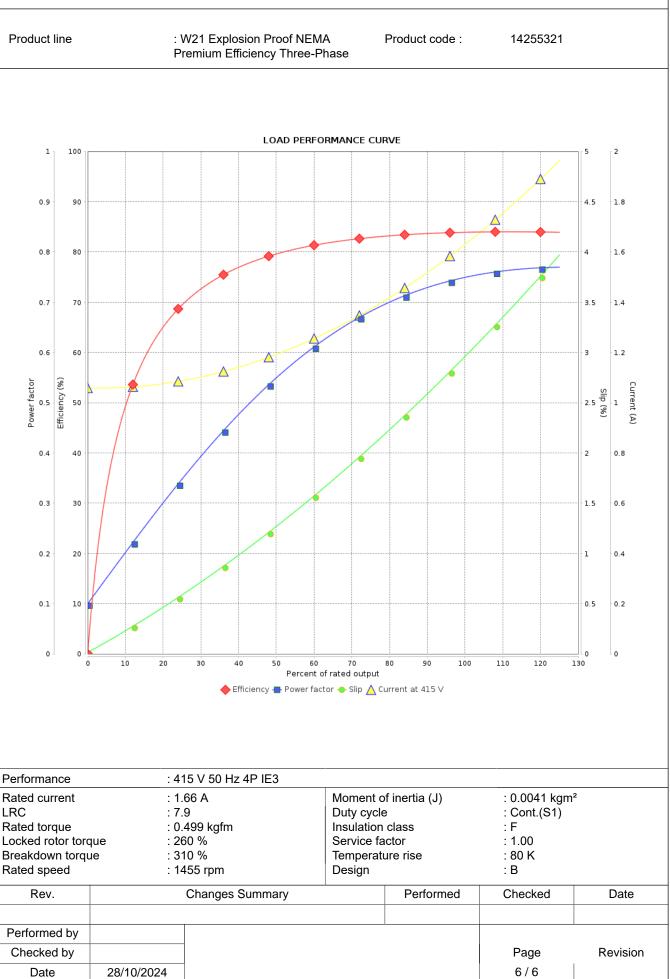
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