DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

		Premium Efficiency TI		Product code :	144080	026	
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree Design		: 254TC : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : B	FMountingCont.(S1)Rotation-20°C to +40°CStarting1000 m.a.s.l.Approx.IP55Moment		g : F-1 ¹ : Both (CW and CCW) method : Direct On Line		
Output [HP]		15	15	1	5	15	
Poles		2	2		2	2	
Frequency [Hz]		60	50	5	0	50	
Rated voltage [V]		230/460	380	40	00	415	
Rated current [A]		34.8/17.4	21.0).0	19.5	
L. R. Amperes [A]		237/118	113	12	24	131	
LRC [A]		6.8x(Code G)	5.4x(Code E) 6.2x(C	ode G)	6.7x(Code G)	
No load current [A]		12.0/6.00	5.90		30	6.60	
Rated speed [RPM]		3540	2915	29		2930	
Slip [%]		1.67	2.83		50	2.33	
Rated torque [kgfr	m]	3.08	3.73		72	3.72	
Locked rotor torque [%]		200	150		70	190	
Breakdown torque [%]		270	210	22		250	
Service factor		1.15	1.00		00	1.00	
Temperature rise		80 K	80 K		K	80 K	
Locked rotor time		55s (cold) 31s (hot)	55s (cold) 31s () 31s (hot)	55s (cold) 31s (hot	
Noise level ²		75.0 dB(A)	70.0 dB(A)	70.0		70.0 dB(A)	
Efficiency (%)	25%				. ,	× /	
	50%	90.0	91.0	91	.0	91.0	
	75%	90.5	90.2		.0	91.0	
	100%	91.0	89.5).2	90.2	
	25%						
Power Factor	50%	0.74	0.80	0.	76	0.74	
	75%	0.83	0.86	0.		0.83	
	100%	0.87	0.89	0.		0.87	
Bearing type Sealing Lubrication interval		Drive end Non dr : 6309 C3 620 : Oil Seal Lip : 15797 h 18	rive end Foundat 09 C3 Max. tra	Foundation loads Max. traction : 72 kgf Max. compression : 219 kgf			
LUDUCAULAMOUL							
Lubricant amour Lubricant type Notes USABLE @208V	/ 37.3A SF 1.	: Mobil Polyrex E					
Lubricant type Notes USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pri (4) At 100% of ful	aces and car ed. totor from the 1m and with t weight subject ocess.	15 SFA 42.9A ncel the previous one, where the previous one, where the previous one, where the previous one, where the previous of the previous	hich These a power si MG-1.	upply, subject to th	e tolerances	sts with sinusoidal stipulated in NEMA	
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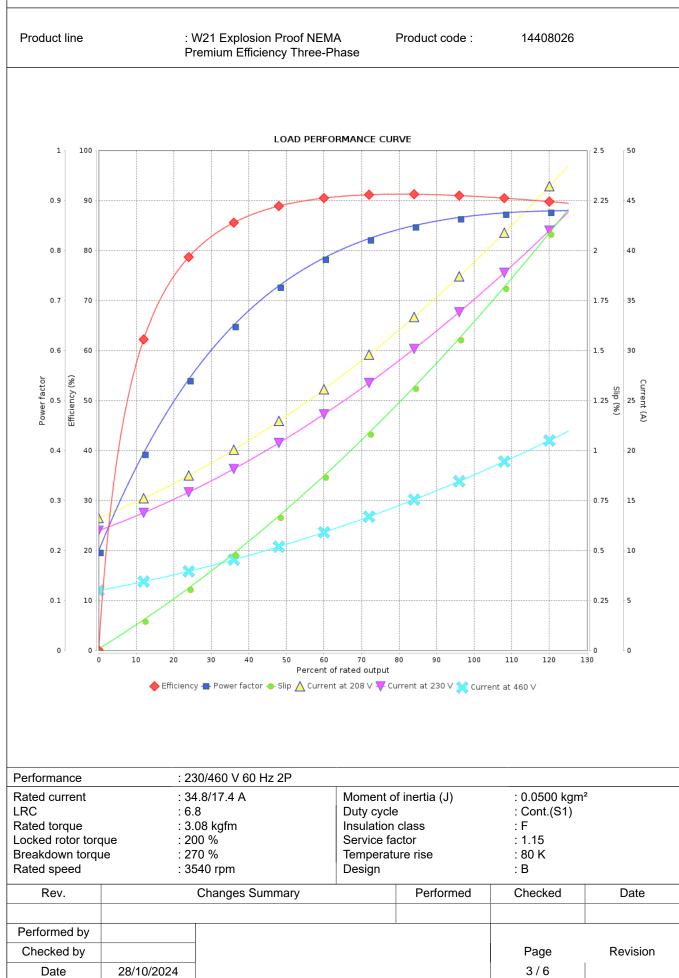
ID	Application	Application Type Quantity			
1	Winding	Thermostat - 2 wires	1 x Phase		Temperature 55 °C
Rev.	Chang	jes Summary	Performed	Checked	Date
Performed by Checked by				Page	Revision



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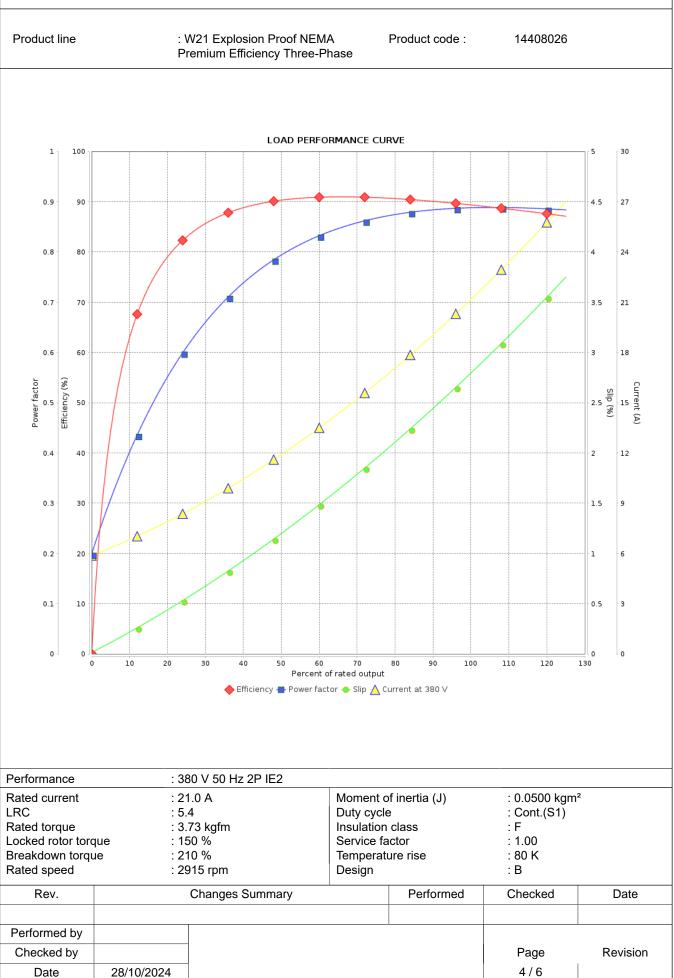
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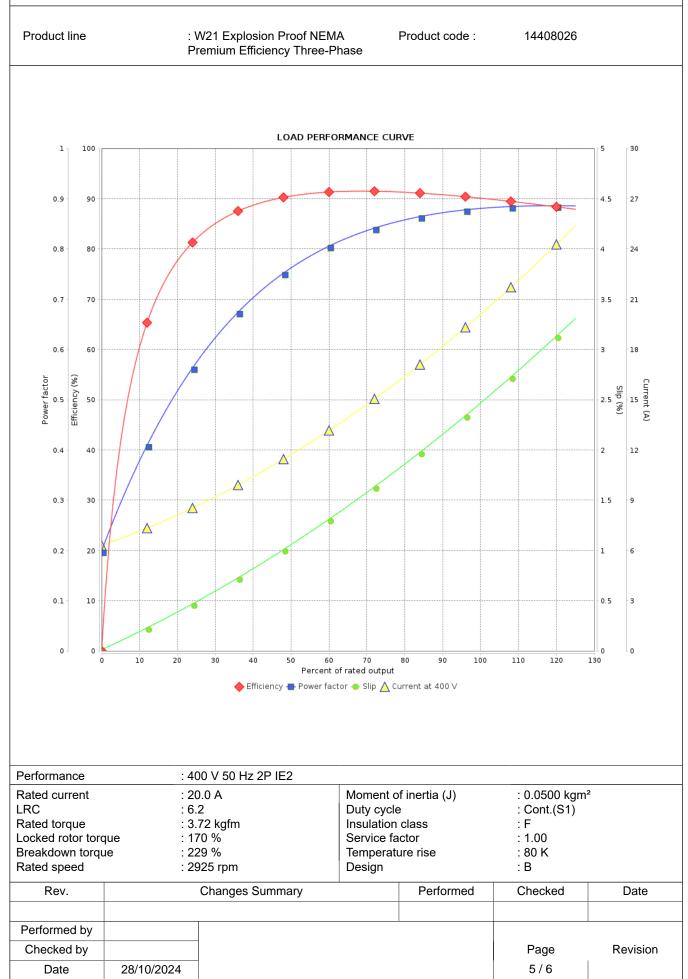


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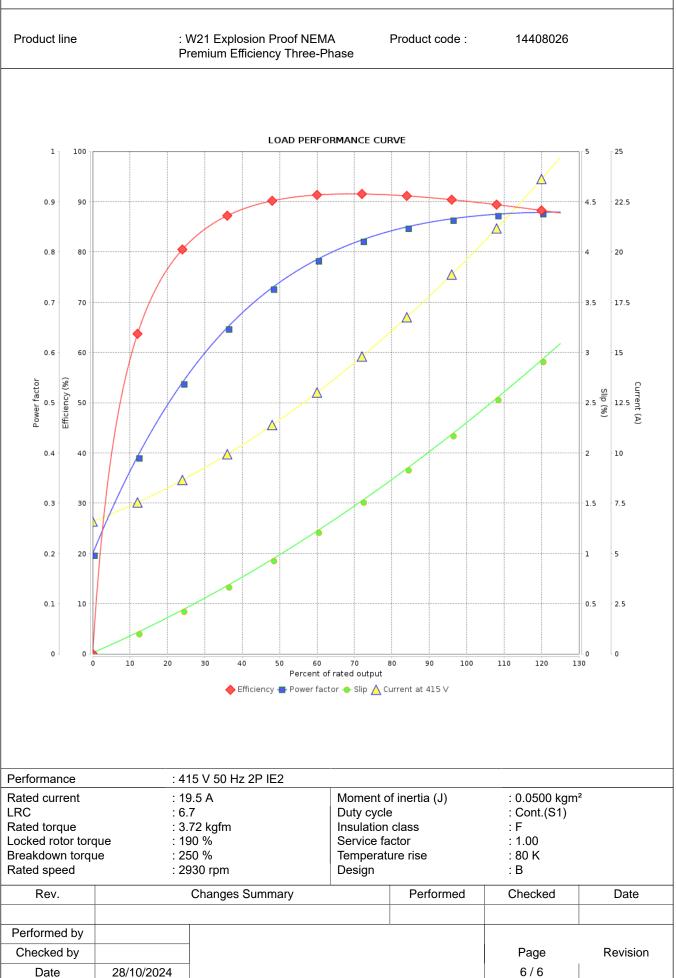
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