# DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

Product line		: W21 Explosion Proo Premium Efficiency TI		Product code :	1188952	22	
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree Design		: 404/5T : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : B	FMountingCont.(S1)Rotation1-20°C to +40°CStarting r1000 m.a.s.l.Approx. vIP55Moment		: F-1 : Both (CW and CCW) nethod : Direct On Line		
Output [HP]		75	60		60	60	
Poles		6	6		6	6	
Frequency [Hz]		60	50		50	50	
Rated voltage [V]		230/460			400	415	
Rated current [A]		174/87.0			84.3	81.8	
L. R. Amperes [A]		1340/670	624		666	687	
LRC [A]		7.7x(Code J)	7.2x(Code	e H) 7.92	x(Code J)	8.4x(Code K)	
No load current [A]		62.5/31.3	31.0		33.6	36.0	
Rated speed [RPM]		1185	985		987	988	
Slip [%]		1.25	1.50		1.30	1.20	
Rated torque [kgfr		45.9	44.2		44.1	44.1	
Locked rotor torque [%]		250	229		260	280	
Breakdown torque	e [%]	260	250		280	300	
Service factor		1.15	1.00		1.00	1.00	
Temperature rise		80 K	80 K	(hot) 07- (	80 K	80 K	
ocked rotor time		27s (cold) 15s (hot)	27s (cold) 15			27s (cold) 15s (hot	
Noise level <sup>2</sup>	25%	65.0 dB(A)	61.0 dB(	<del>r j</del> 61	.0 dB(A)	61.0 dB(A)	
	25% 50%	94.1	94.0		93.6	93.6	
Efficiency (%)	75%	94.1	94.0		93.0	93.0	
	100%	94.5	94.0		94.0	94.5	
	25%	34.5	34.0		34.0	34.5	
Power Factor	50%	0.72	0.72		0.68	0.64	
	75%	0.72	0.72		0.78	0.76	
	100%	0.84	0.84		0.82	0.81	
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type		<u>Drive end</u> <u>Non dr</u> : NU-217 C3 63 : Oil Seal Lip : 10272 h 14	<u>ive end</u> Found 14 C3 Max. 5 Seal Max. 267 h 27 g	Foundation loads Max. traction : 1026 kgf Max. compression : 1576 kgf			
must be eliminate	aces and can	icel the previous one, wi	powe			s with sinusoidal tipulated in NEMA	
(3) Approximate wanufacturing pro	Im and with to weight subjec ocess.	shaft end. olerance of +3dB(A). t to changes after Changes Summary	MG-1	Performed	Checked	Date	
(4) At 100% of ful Rev.		Changes Caminary					
		Changes Gunnary					
Rev.							
Rev. Performed by					Paga	Pavision	
Rev.	21/10/2024				Page 1 / 6	Revision	

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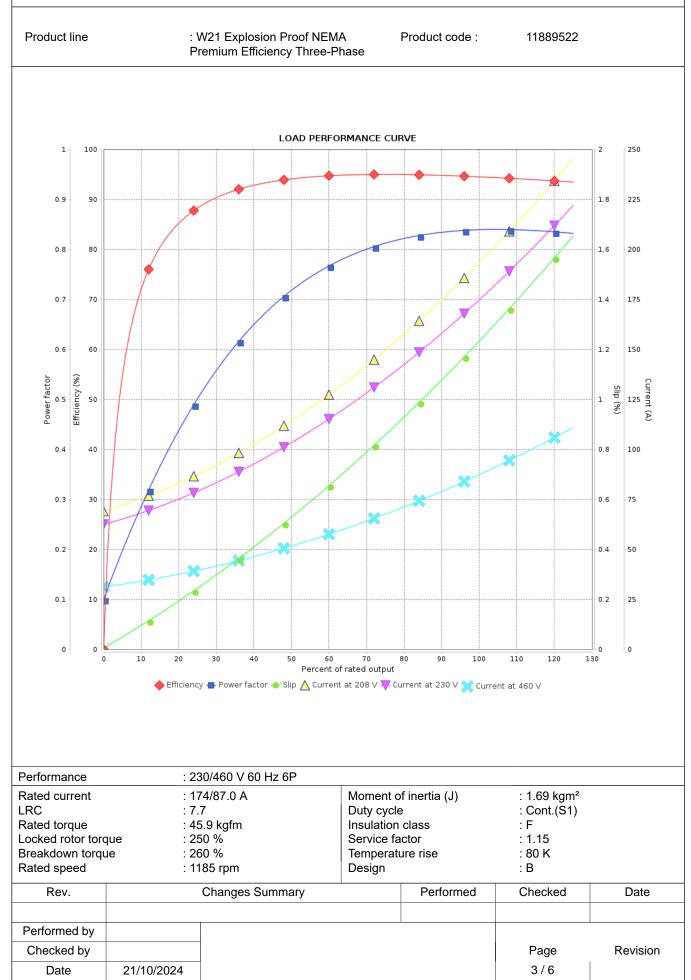
	A 11	Thermal protection			
ID	Application	Туре	Quantity		Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	1	55 °C
Rev.	Changes	s Summary	Performed	Checked	Date
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erformed by hecked by				Page	Revision
Date	21/10/2024			2 / 6	1764191011
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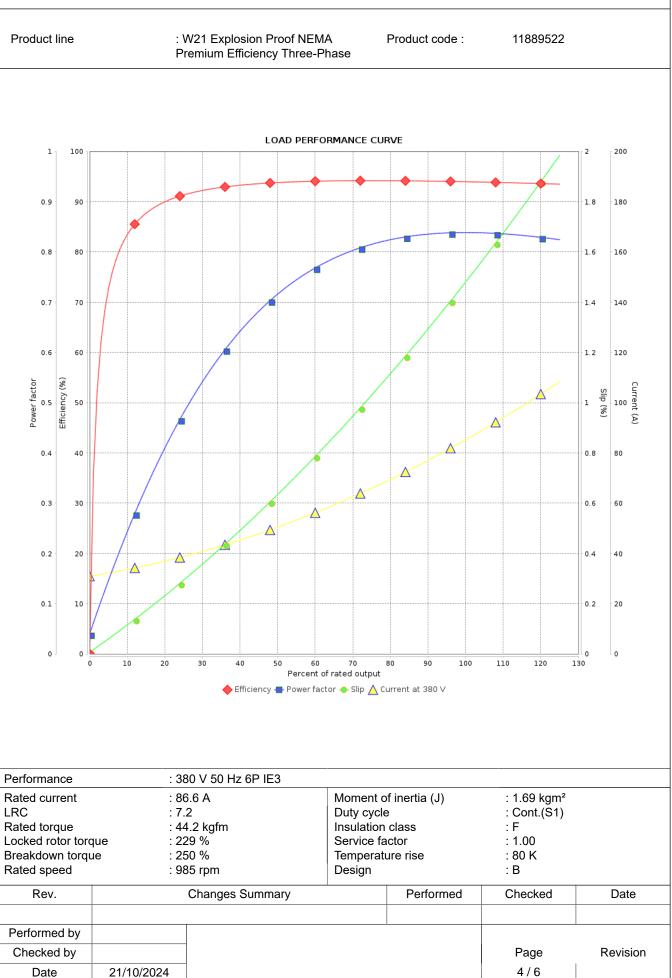
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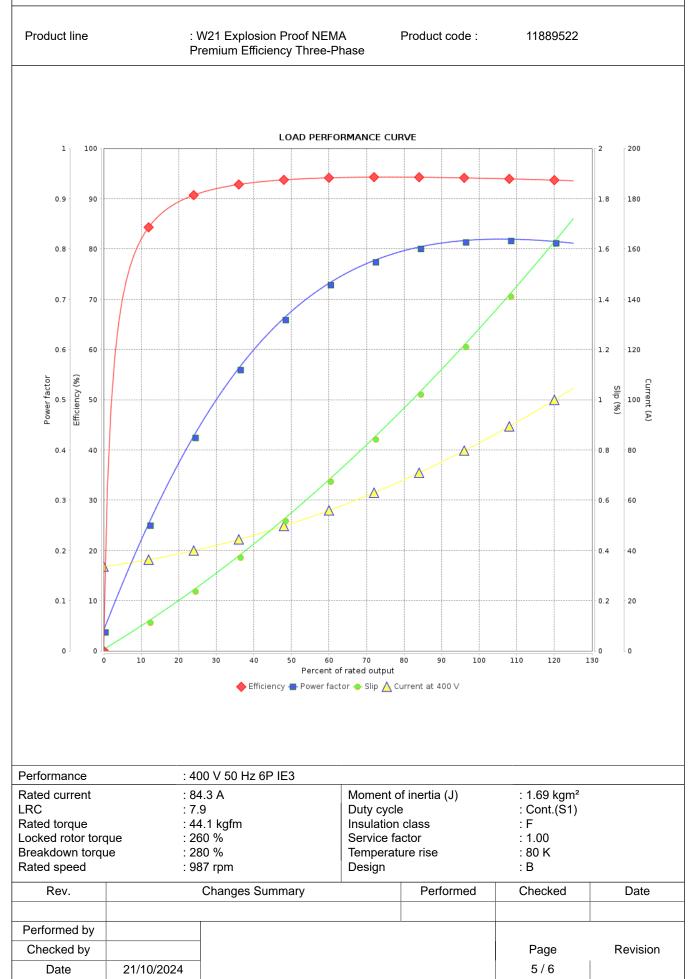


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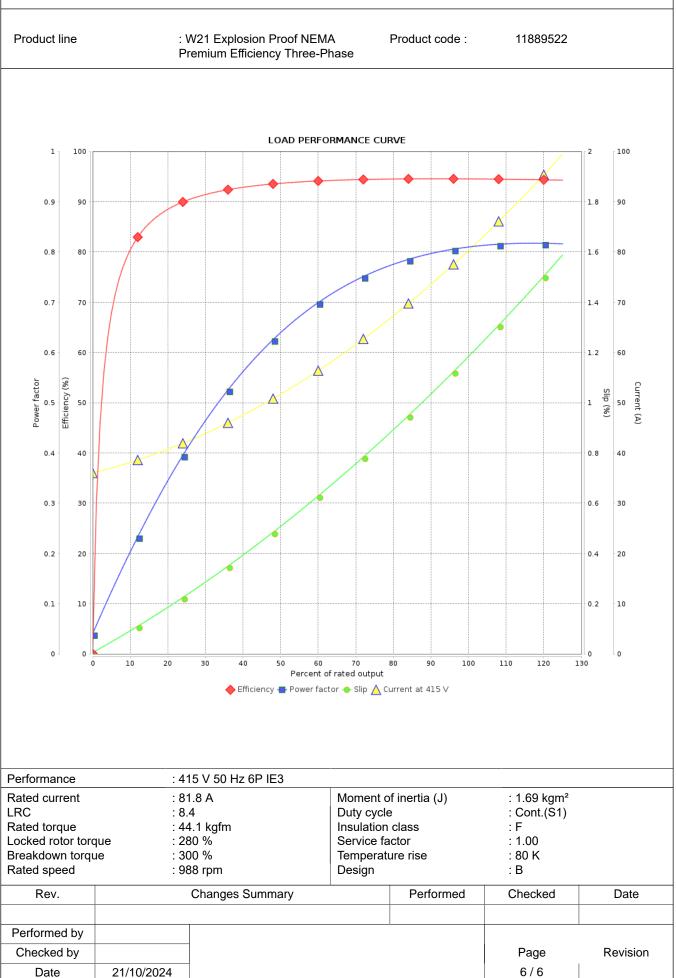
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