# DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

		Premium Efficiency Th	hree-Phase		114398		
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 method1000 m.a.s.l.Approx. weight3IP55Moment of inertia (Amount of the starting for the startin		: IC411 - TEFC : F-1 : Both (CW and CCW) : Direct On Line : 566 kg a (J) : 1.69 kgm <sup>2</sup>		
-							
Output [HP]		75	60	60	-	60	
Poles		6	6	6		6	
Frequency [Hz]		60	50	50		50	
Rated voltage [V]		230/460 174/87.0	380 86.6	40		415 81.8	
Rated current [A]		1340/670		66		687	
L. R. Amperes [A]							
LRC [A]		7.7x(Code J) 62.5/31.3	7.2x(Code H)			8.4x(Code K) 36.0	
No load current [A]		1185	985	33.6 987		988	
Rated speed [RPM]		1.25	1.50	98		1.20	
Slip [%]		45.9	44.2	44		44.1	
Rated torque [kgfm]		45.9 250	229	26		280	
Locked rotor torque [%]		250	229	20		300	
Breakdown torque [%] Service factor		1.15	1.00	1.0		1.00	
		80 K	80 K	80		80 K	
Temperature rise Locked rotor time		27s (cold) 15s (hot)	27s (cold) 15s (h			27s (cold) 15s (hot	
Voise level <sup>2</sup>		65.0 dB(A)	61.0 dB(A)	61.0 c		61.0 dB(A)	
	25%	00.0 dB(A)		01.00		01.0 dD(A)	
	50%	94.1	94.0	93	6	93.6	
Efficiency (%)	75%	95.0	94.0	94		94.5	
	100%	94.5	94.0	94		94.5	
	25%	<u> </u>			-	00	
Power Factor	50%	0.72	0.72	0.6	58	0.64	
	75%	0.81	0.81	0.7		0.76	
	100%	0.84	0.84	0.0		0.81	
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type		: 6217 C3 63 : Oil Seal Lip : 13507 h 14	14 C3 Max. tract Seal 267 h 27 g	Foundation loadsMax. traction: 1020 kgfMax. compression: 1582 kgf			
Notes USABLE @208V	192A SF 1.0	0 SFA 192A					
		cel the previous one, w				ts with sinusoidal	
must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	ed. lotor from the Im and with to weight subjec ocess.	shaft end. olerance of +3dB(A). t to changes after	power sup MG-1.	oply, subject to the	e tolerances	stipulated in NEMA	
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must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful Rev.	ed. lotor from the Im and with to weight subjec ocess.	shaft end. olerance of +3dB(A). t to changes after	power sup MG-1.	oply, subject to the	e tolerances	stipulated in NEMA	
must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful Rev. Performed by	ed. lotor from the Im and with to weight subjec ocess.	shaft end. olerance of +3dB(A). t to changes after	power sup MG-1.	oply, subject to the	e tolerances Checked	stipulated in NEMA	
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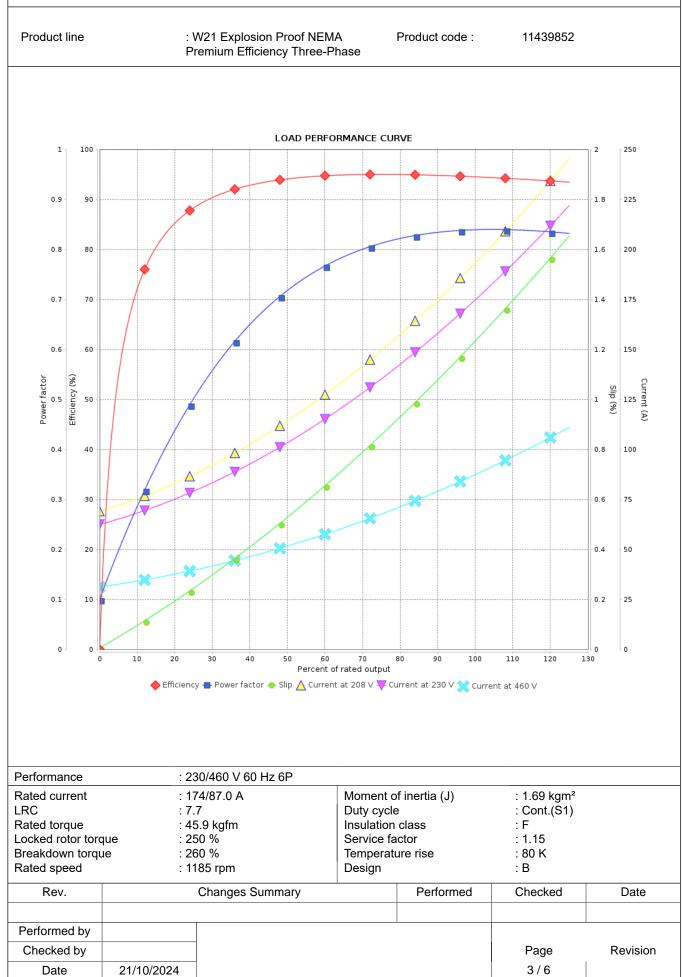
	A 11	Thermal protection			
ID	Application	Туре	Quantity		Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	1	55 °C
Rev.	Changes	s Summary	Performed	Checked	Date
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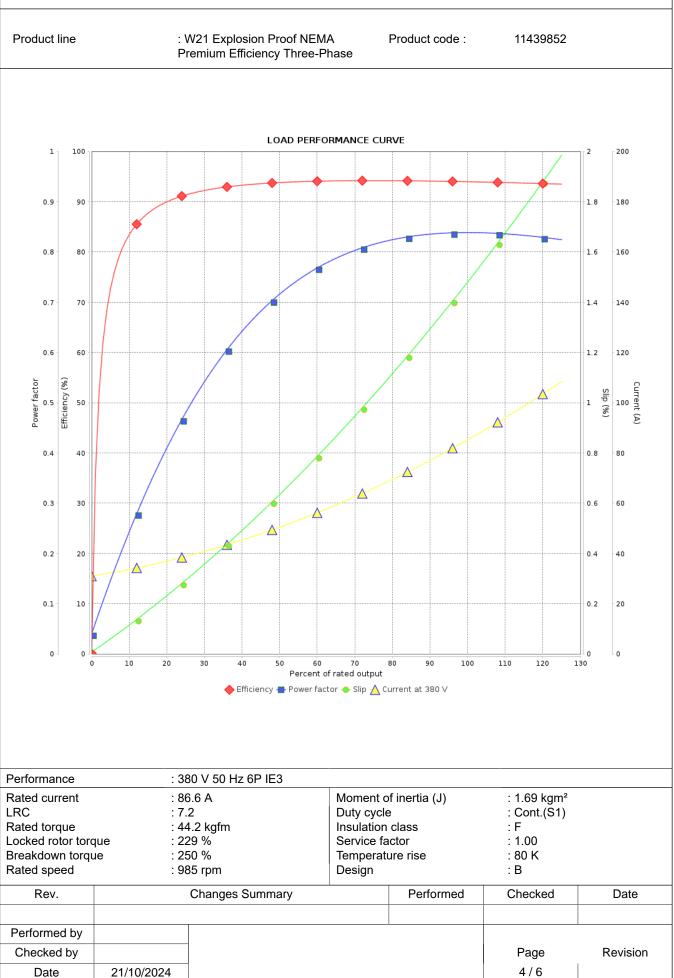
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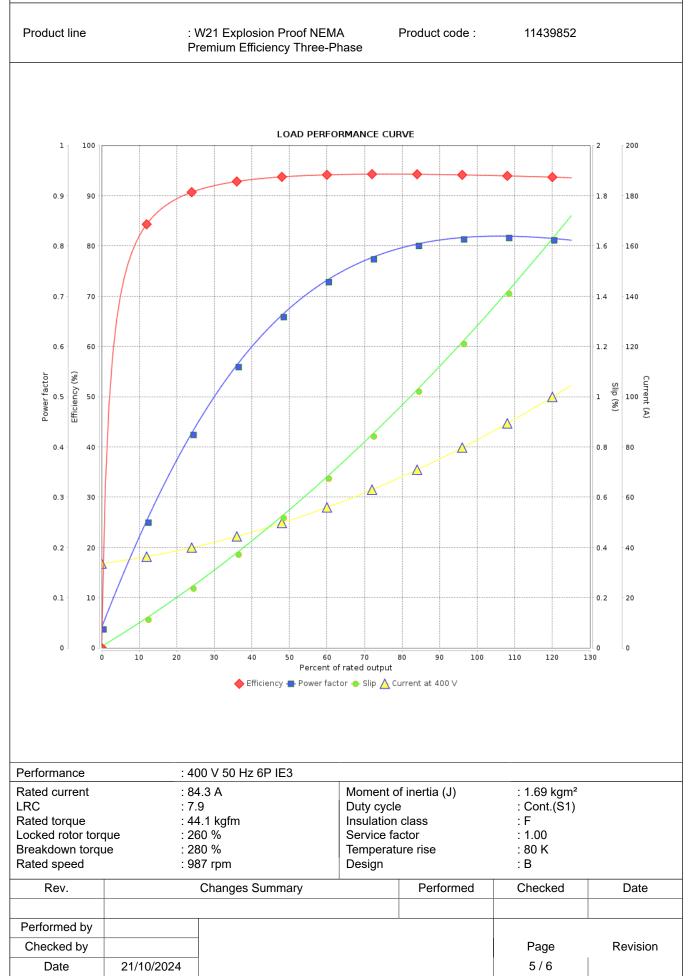
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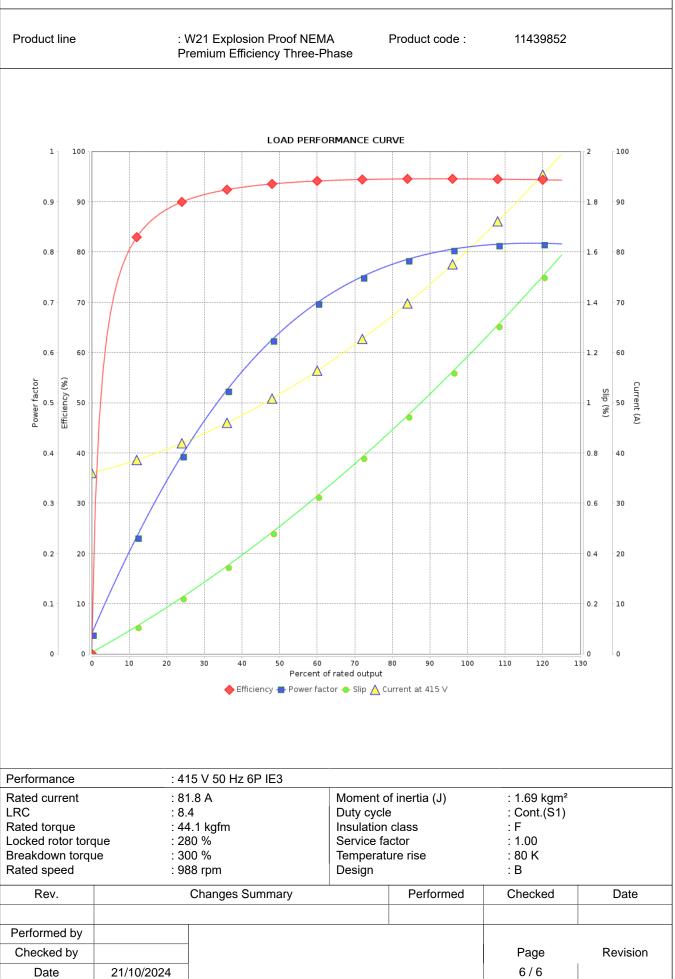
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