DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

		ncy Three-Phase					
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree Design		: 364/5T : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : A	FMountingCont.(S1)Rotation1-20°C to +40°CStarting meth1000 m.a.s.l.Approx. weigIP55Moment of ir		: F-1 : Both (CW and CCW) hod : Direct On Line ght ³ : 469 kg		
Output [HP]		75	60	60	60		
Poles		4	4	4	4		
Frequency [Hz]		60	50	50	50		
Rated voltage [V]		230/460	380	400	415		
Rated current [A]		166/83.2	83.2	79.9	78.5		
L. R. Amperes [A]		1281/641	599	623	667		
LRC [A]		7.7x(Code H)	7.2x(Code H)	7.8x(Code J) 8.5x(Code J)		
No load current [A]		56.0/28.0	30.0	30.0	32.0		
Rated speed [RPM]		1782	1480	1480	1483		
Slip [%]		1.00	1.33	1.33	1.13		
Rated torque [kgfr		30.5	29.4	29.4	29.4		
Locked rotor torque [%]		240	220	250	270		
Breakdown torque	e [%]	290	280	310	340		
Service factor		1.15	1.00	1.00	1.00		
Temperature rise		80 K	80 K	80 K	80 K		
ocked rotor time		28s (cold) 16s (hot)	27s (cold) 15s (hot)				
Noise level ²		75.0 dB(A)	70.0 dB(A)	70.0 dB(A)	70.0 dB(A)		
	25%	94.0	94.0	94.0	93.0		
Efficiency (%)	50%	94.5	94.1	94.1	93.6		
	75%	95.0	94.5	94.5	94.5		
	100%	95.4	94.5	94.5	95.0		
Power Factor	25%	0.49	0.48	0.45	0.42		
	50%	0.74	0.74	0.70	0.67		
	75%	0.83	0.83	0.81	0.79		
	100%	0.87	0.87	0.86	0.84		
Bearing type Sealing Lubrication interval Lubricant amount				Foundation loadsMax. traction: 888 kgfMax. compression: 1357 kgf			
Sealing Lubrication interv		: Oil Seal Lip : 9789 h 97	789 h 27 g				
Sealing Lubrication interv Lubricant amour	it	: Oil Seal Lip : 9789 h 97 : 27 g 2 : Mobil Polyrex E	789 h 27 g				
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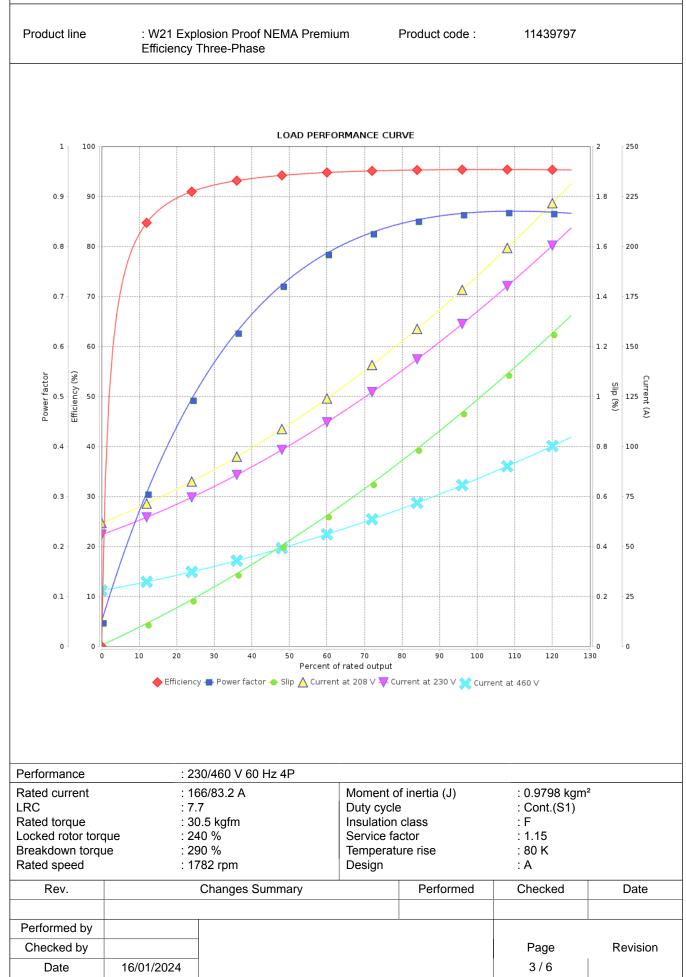
ID	Application	ation Type Quantit			Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	1	55 °C
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Rev.	Changes	Summary	Performed	Checked	Date
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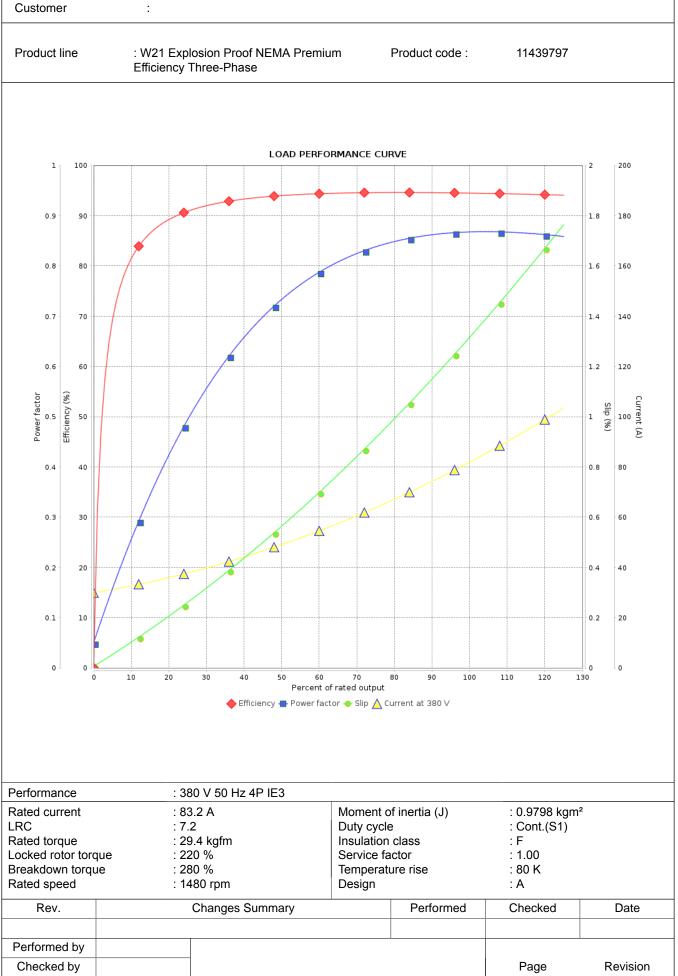
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Date

16/01/2024



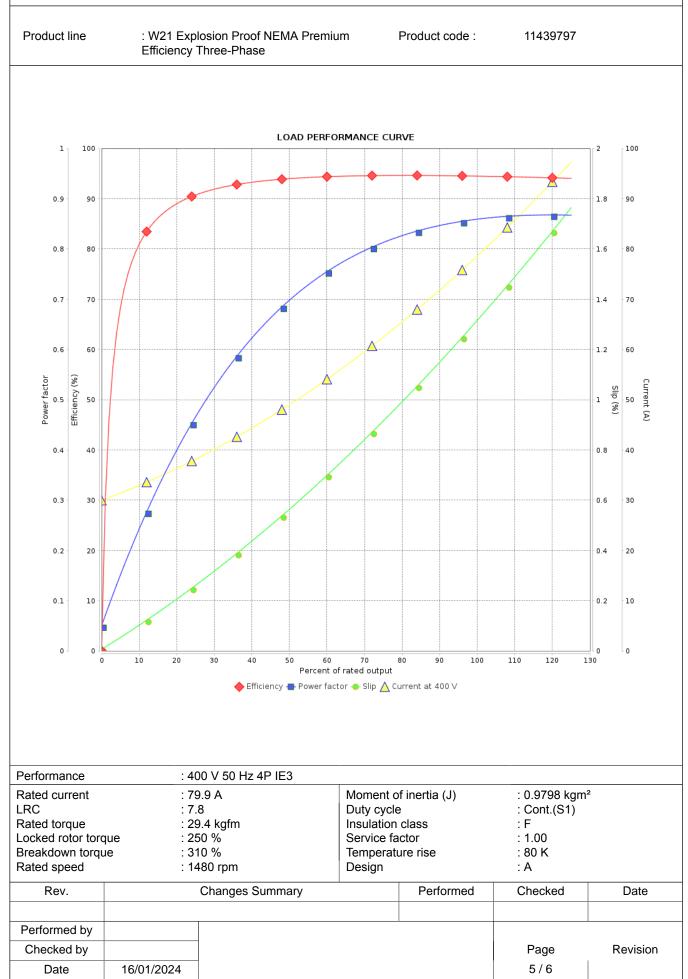
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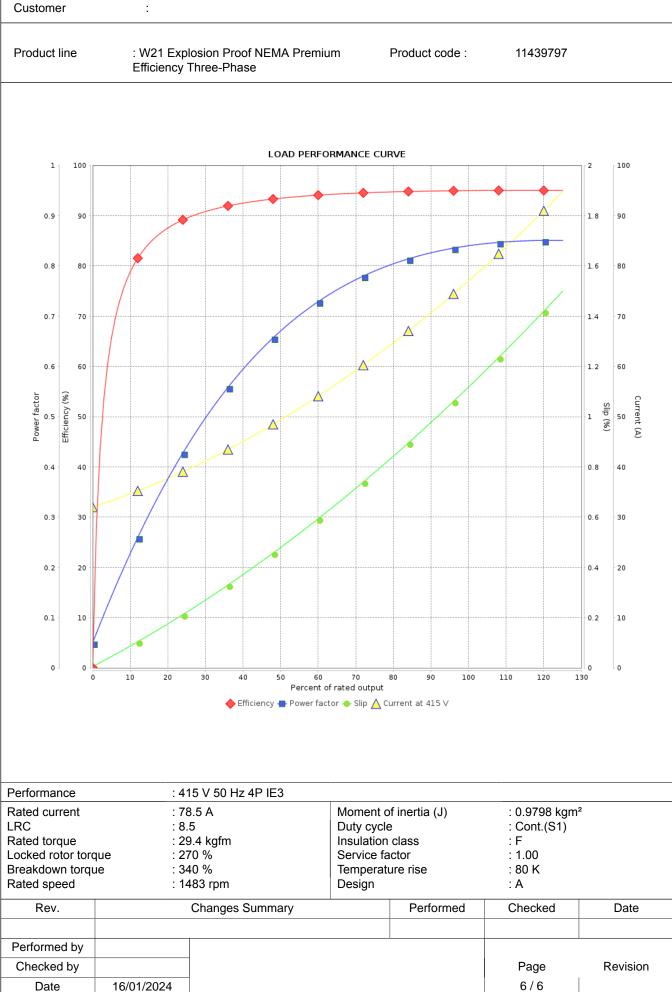
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