DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

	Emole	ncy Three-Phase						
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree Design		: 447T : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : B	FMountingCont.(S1)Rotation1-20°C to +40°CStarting me1000 m.a.s.l.Approx. weIP55Moment of		: F-1 : Both (CW and CCW) od : Direct On Line nt ³ : 1226 kg		(CW and CCW) t On Line kg	
0			,		1			
Output [HP]		250			200)	200	
Poles		4			4		4	
Frequency [Hz]		60			50		50	
Rated voltage [V]		230/460			400		415	
Rated current [A]		568/284			269		262	
L. R. Amperes [A]			3976/1988 1960			2071 2175		
LRC [A]			7.0x(Code H) 7.0x(Code H)			7.7x(Code J) 8.3x(Code J		
No load current [A]			181/90.3 88.3		94.9		99.5	
Rated speed [RPM]			1784 1484		148		1487	
Slip [%]		0.89	1.07		0.93		0.87	
Rated torque [kgfm]		102 250	97.8		97.7		97.6 290	
Locked rotor torque [%]		250	229				320	
Breakdown torque [%]		1.15	260		290		1.00	
Service factor		1.15 80 K			1.00 80 ł		80 K	
Temperature rise		36s (cold) 20s (hot)			32s (cold) 1		32s (cold) 18s (hot)	
Locked rotor time Noise level ²		82.0 dB(A)	not) 32s (cold) 18s (hot) 82.0 dB(A)		328 (Cold) 82.0 df		82.0 dB(A)	
	25%	02.0 UD(A)	0.	2.0 UD(A)	02.0 QE		02.0 UD(A)	
	25% 50%	95.4		95.0	95.4	1	95.4	
Efficiency (%)	75%	95.4		95.4	95.2		95.8	
	100%	96.2		95.8	95.8		95.8	
	25%	00.2		55.5	30.0	• 	35.0	
	50%	0.72	0.72		0.69	<u>ר</u>	0.66	
Power Factor	75%	0.72		0.81	0.03		0.00	
	100%	0.85		0.85	0.84		0.83	
	10070		ive and	Foundation lo		•	0.00	
Bearing type		: NU-319 C3 63 ⁻	NU-319 C3 6316 C3		Max. traction : 2119 kgf			
Sealing		Oil Seal	al			. 3340 r	(gi	
Lubrication interval Lubricant amount Lubricant type			34 g					
Notes USABLE @208V	628A SF 1.0	00 SFA 628A		I				
must be eliminate (1) Looking the me	d. otor from the m and with t veight subjec ocess.	olerance of +3dB(A).	hich		•		sts with sinusoidal stipulated in NEMA	
must be eliminate (1) Looking the me (2) Measured at 1 (3) Approximate w manufacturing pro	d. otor from the m and with t veight subjec ocess.	shaft end. olerance of +3dB(A).		power supply, MG-1.	•		stipulated in NEMA	
must be eliminate (1) Looking the me (2) Measured at 1 (3) Approximate w manufacturing pro (4) At 100% of full	d. otor from the m and with t veight subjec ocess.	e shaft end. olerance of +3dB(A). et to changes after		power supply, MG-1.	, subject to the	tolerances	stipulated in NEMA	
must be eliminate (1) Looking the mi (2) Measured at 1 (3) Approximate w manufacturing pro (4) At 100% of full Rev.	d. otor from the m and with t veight subjec ocess.	e shaft end. olerance of +3dB(A). et to changes after		power supply, MG-1.	, subject to the	tolerances	stipulated in NEMA	

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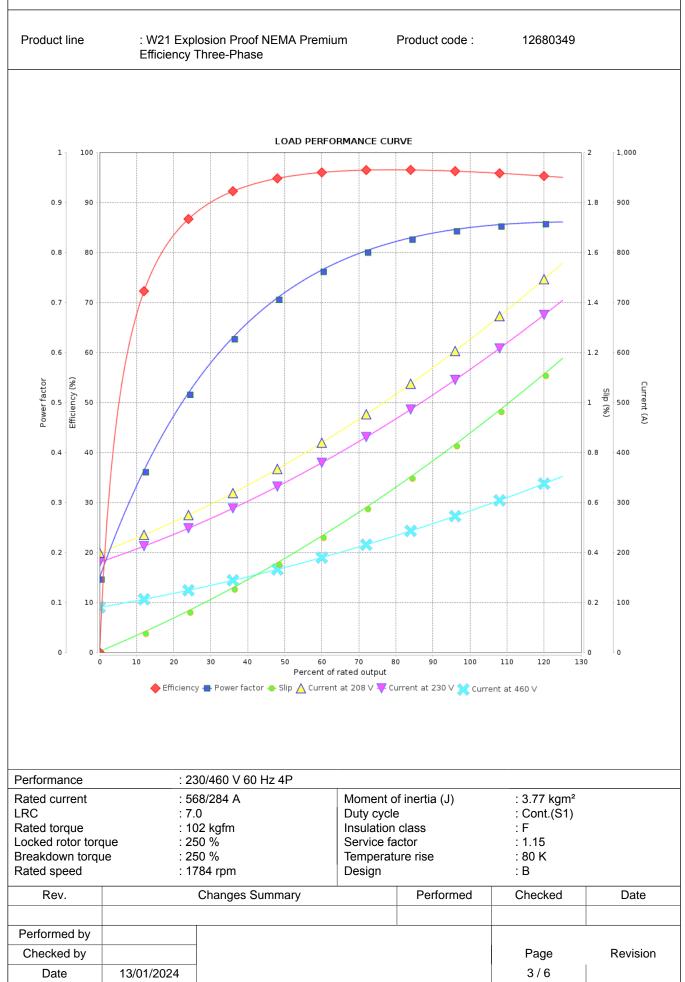
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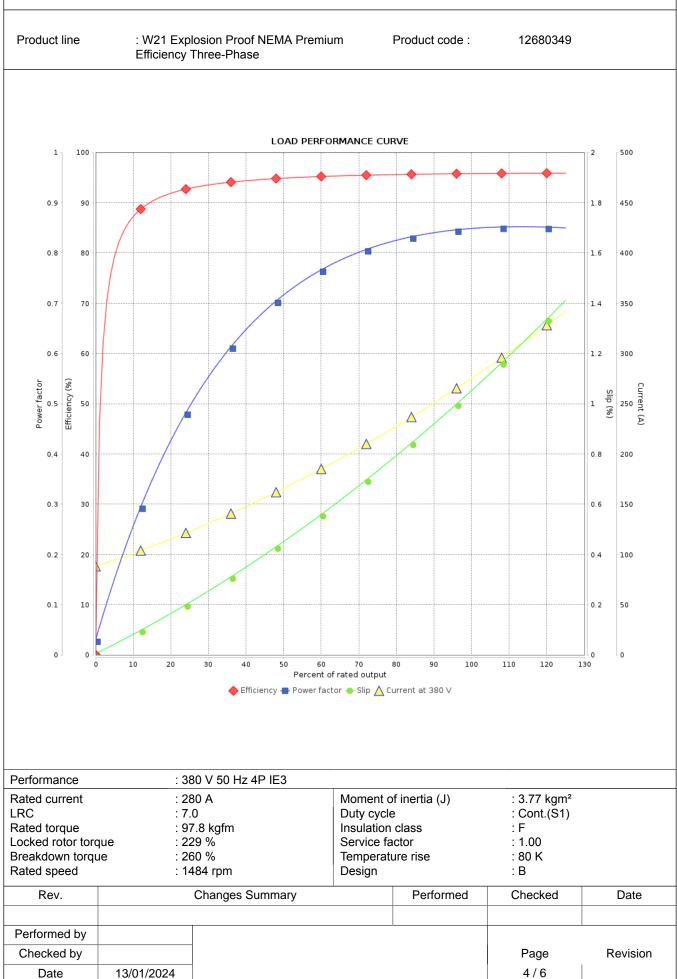
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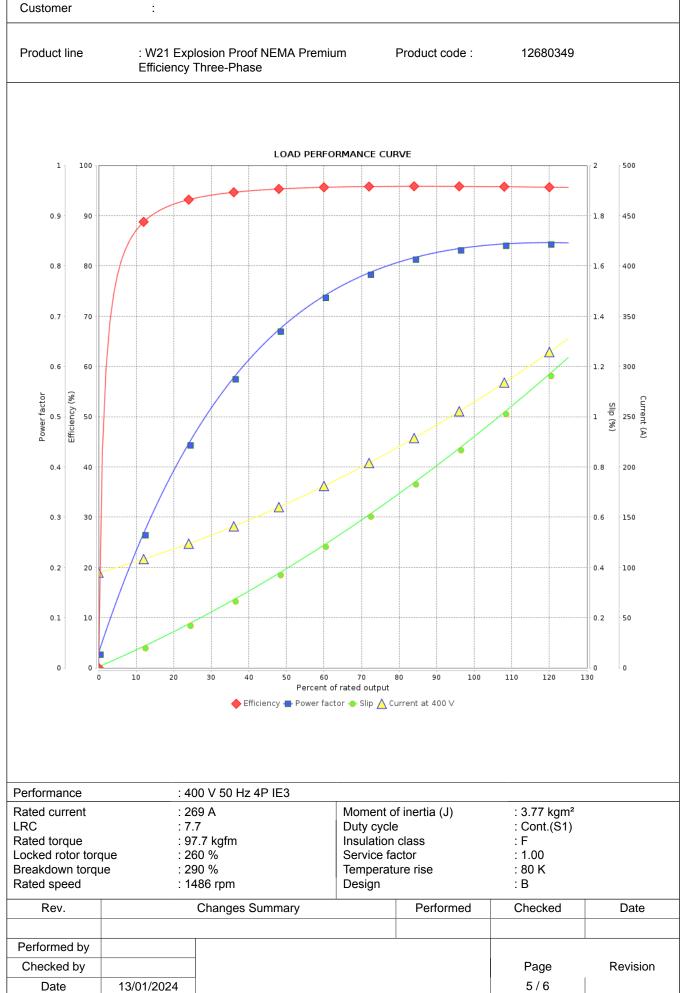
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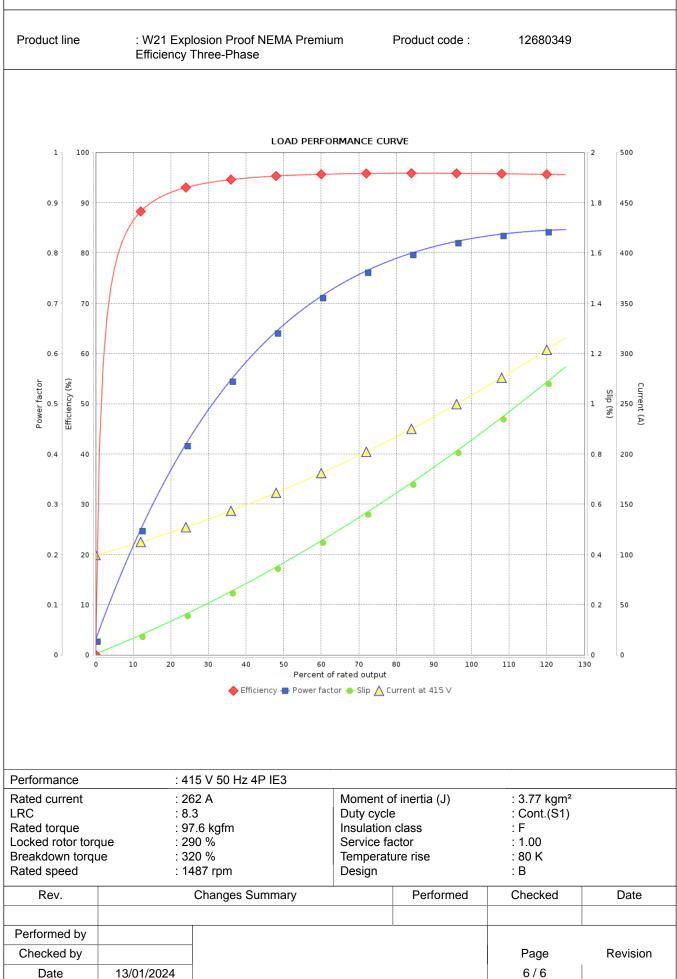
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