DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

	Eπicier	ncy Three-Phase	Premium	Prod	uct code :	143630	085	
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree Design		: L215T : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : B		Cooling method Mounting Rotation ¹ Starting method Approx. weight ³ Moment of inertia (J)		: IC411 - TEFC : F-1 : Both (CW and CCW) : Direct On Line : 102 kg : 0.0563 kgm ²		
Output [HP]		10		10	1	0	10	
Poles		4		4	4		4	
Frequency [Hz]		60		50	50		50	
Rated voltage [V]		230/460		380	40		415	
Rated current [A]		25.4/12.7		15.3	14		14.3	
L. R. Amperes [A]		165/82.5	87.2		93		91.5	
LRC [A]		6.5x(Code H)	5.7	x(Code G)	6.4x(C		6.4x(Code H)	
No load current [A]		11.0/5.50 1765		5.30 1450	5.0		6.00	
Rated speed [RPM]		1.94		3.33	3.0		1460 2.67	
Slip [%]		4.11		3.33 5.01	4.9		4.97	
Rated torque [kgfm] Locked rotor torque [%]		210		165	4.8		210	
Breakdown torque [%]		270		220	25		270	
Service factor		1.15		1.00	1.0		1.00	
Temperature rise		80 K		80 K	80		80 K	
Locked rotor time		27s (cold) 15s (hot)	36s (c	old) 20s (hot)	36s (cold)		36s (cold) 20s (hot)	
Noise level ²		58.0 dB(A)		6.0 dB(A)	56.0 (56.0 dB(A)	
	25%			× /		. /		
Efficiency (0/)	50%	90.2		90.2	90	.2	89.5	
Efficiency (%)	75%	91.0		89.5	90		90.2	
	100%	91.7		88.5	89	.5	90.2	
	25%							
Power Factor	50%	0.62		0.70	0.6		0.63	
	75%	0.75		0.80	0.7		0.75	
	100%	0.81		0.84	0.8	33	0.81	
Drive end 6308 2RSNon drive 6207 2Bearing type:6308 2RS6207 2Sealing:Oil SealLip SLubrication interval:Lubricant amount:Lubricant type:Mobil Polyrex EMNotesUSABLE @208V 28.1A SF 1.15 SFA 32.3ASFA 32.3A								
Notes	/ 28.1A SF 1.							
Notes USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate v manufacturing pr (4) At 100% of fu Rev.	laces and can ed. notor from the 1m and with to weight subjectores.	15 SFA 32.3A cel the previous one, wi	hich	power supply MG-1.			sts with sinusoidal stipulated in NEMA d Date	
Notes USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate (3) Approximate manufacturing pr (4) At 100% of fu Rev. Performed by	laces and can ed. notor from the 1m and with to weight subjectores.	15 SFA 32.3A cel the previous one, wl shaft end. blerance of +3dB(A). t to changes after	hich	power supply MG-1.	, subject to th	e tolerances Checke	stipulated in NEMA	
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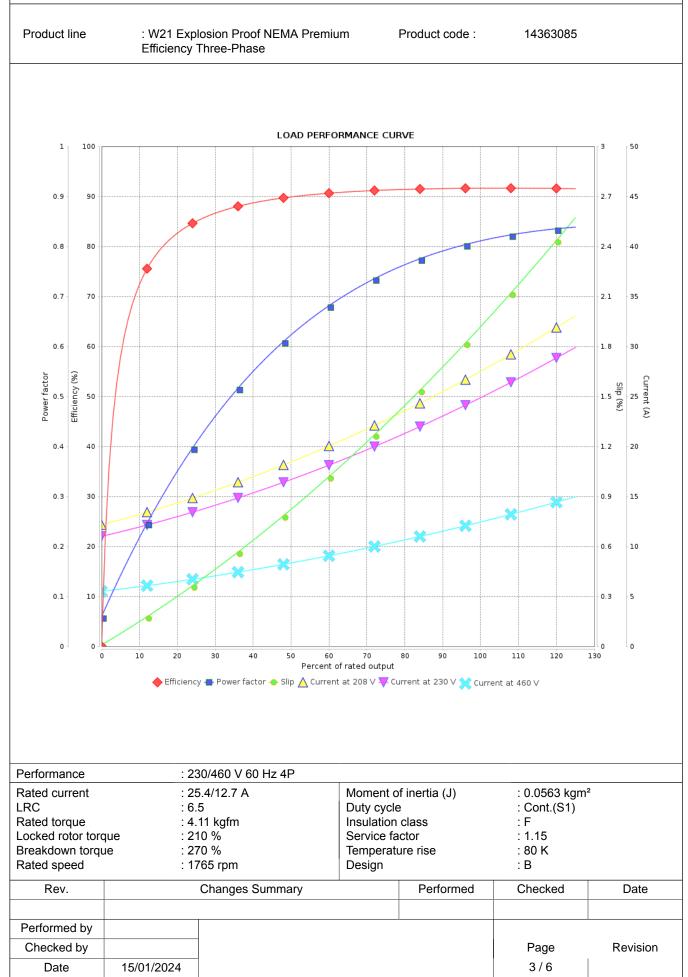
ID	Application	pplication Type Quar			g Temperature	
1	Winding	Thermostat - 2 wires	1 x Phase	15	55 °C	
Rev.	Change	es Summary	Performed	Checked	Date	
rformed by necked by				Page	Revision	
	15/01/2024			2/6		



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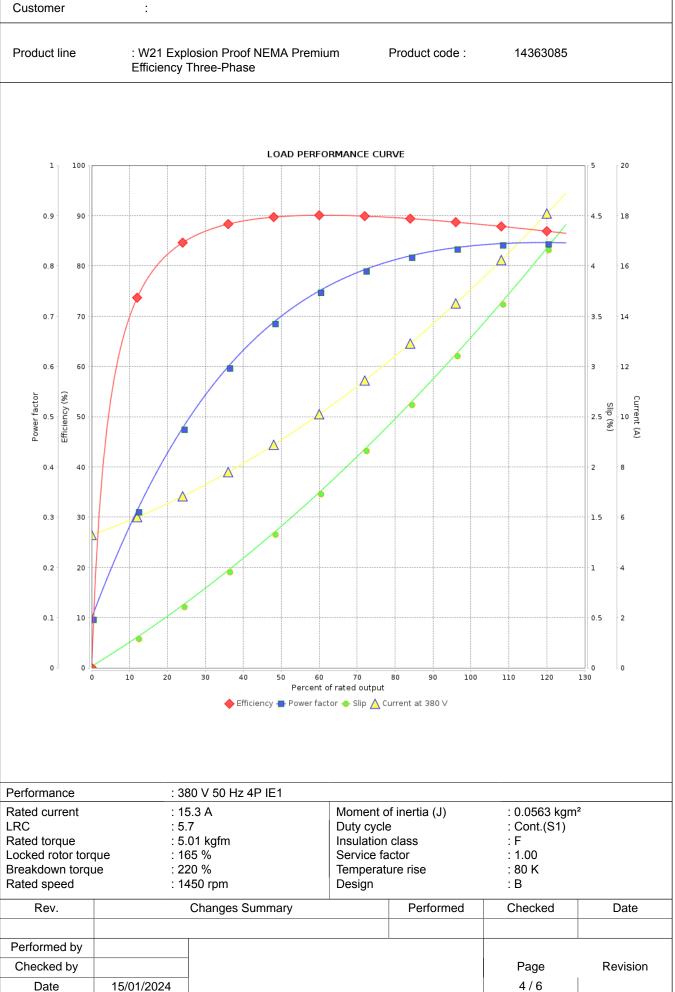
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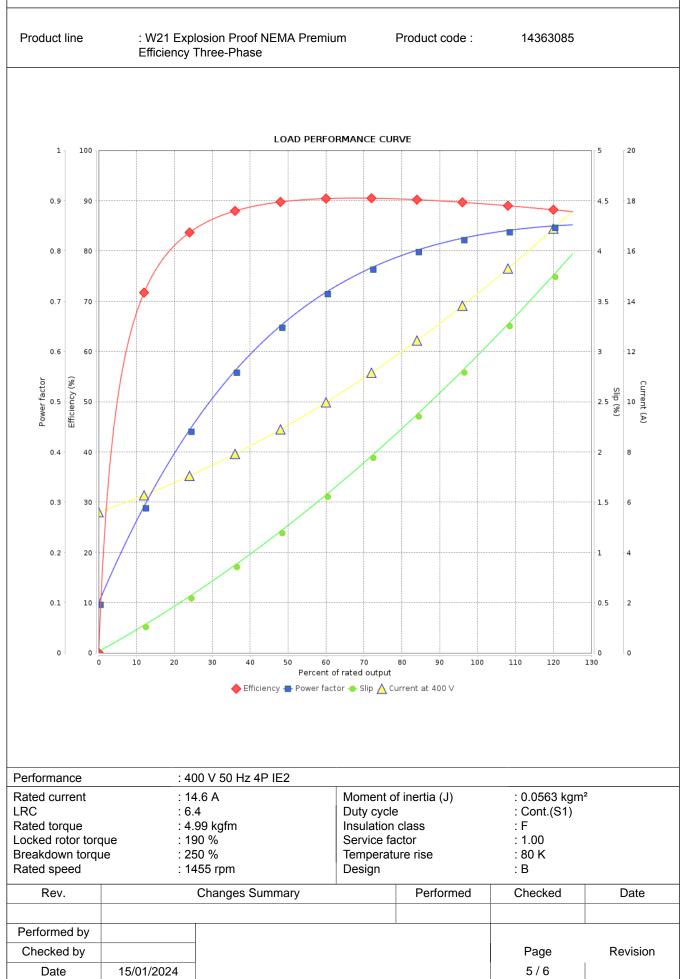


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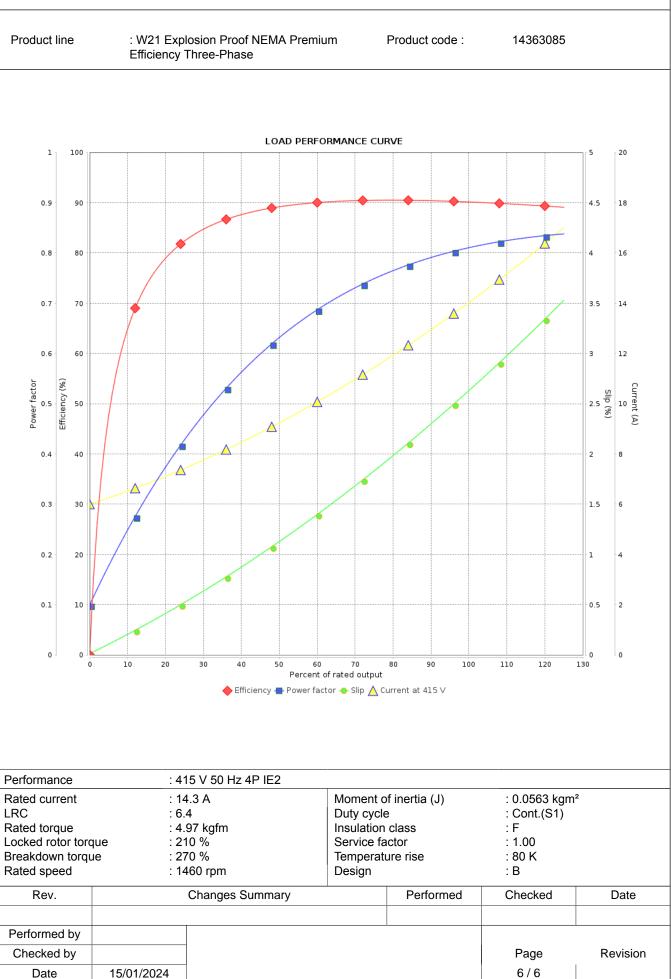
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