DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

Product line		: W21 Explosion Proof NEMA Product code : 14363085 Premium Efficiency Three-Phase					
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	: FMounting: Cont.(S1)Rotation1: -20°C to +40°CStarting met: 1000 m.a.s.l.Approx. wei: IP55Moment of i		: F-1 : Both (CW and CCW) ethod : Direct On Line eight ³ : 103 kg		
Output [HP]		10	10		10	10	
Poles		4	4		4	4	
Frequency [Hz]		60	50		50	50	
Rated voltage [V]		230/460	380		400	415	
Rated current [A]		25.4/12.7	15.3	1	4.6	14.3	
L. R. Amperes [A]		165/82.5	87.2	9	93.4	91.5	
LRC [A]		6.5x(Code H)	5.7x(Code	G) 6.4x(Code H)	6.4x(Code H)	
No load current [A]		11.0/5.50	5.30		5.60	6.00	
Rated speed [RPI	M]	1765	1450		455	1460	
Slip [%]		1.94	3.33		3.00	2.67	
Rated torque [kgfi		4.11	5.01		1.99	4.97	
ocked rotor torqu	ue [%]	210	165		190	210	
Breakdown torque	e [%]	270	220		250	270	
Service factor		1.15	1.00		.00	1.00	
Temperature rise		80 K	80 K		80 K	80 K	
ocked rotor time		27s (cold) 15s (hot)	36s (cold) 20s			6s (cold) 20s (hot	
loise level ²		58.0 dB(A)	56.0 dB(A	.) 56.0) dB(A)	56.0 dB(A)	
	25%						
Efficiency (%)	50%	90.2	90.2		90.2	89.5	
	75%	91.0	89.5		90.2	90.2	
	100%	91.7	88.5	8	39.5	90.2	
	25%						
Power Factor	50%	0.62	0.70).66	0.63	
	75%	0.75	0.80).78	0.75	
	100%	0.81	0.84	C).83	0.81	
Bearing type		: 6308 2RS 620	07 2RS Max. tr	Foundation loads Max. traction : 197 kgf			
Sealing Lubrication interval Lubricant amount Lubricant type			-	Max. compression : 299 kgf			
Lubricant amour Lubricant type		: Mobil Polyrex E	=IVI				
	/ 28.1A SF 1.	<u></u>	=M				
Lubricant type Notes USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at	laces and car ed. notor from the 1m and with t weight subjec ocess.	15 SFA 32.3A	hich These	are average value supply, subject to t			
Lubricant type Notes USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at ((3) Approximate of manufacturing pr	laces and car ed. notor from the 1m and with t weight subjec ocess.	15 SFA 32.3A ncel the previous one, wh e shaft end. tolerance of +3dB(A).	hich These power MG-1.				
Lubricant type Notes USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate of manufacturing pr (4) At 100% of fu Rev. Performed by	laces and car ed. notor from the 1m and with t weight subjec ocess.	15 SFA 32.3A ncel the previous one, wh e shaft end. tolerance of +3dB(A). ct to changes after	hich These power MG-1.	supply, subject to t	the tolerances sti	Date	
Lubricant type Notes USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at 7 (3) Approximate v manufacturing pr (4) At 100% of fu Rev.	laces and car ed. notor from the 1m and with t weight subjec ocess.	15 SFA 32.3A ncel the previous one, wh e shaft end. tolerance of +3dB(A). ct to changes after	hich These power MG-1.	supply, subject to t	the tolerances sti	pulated in NEMA	

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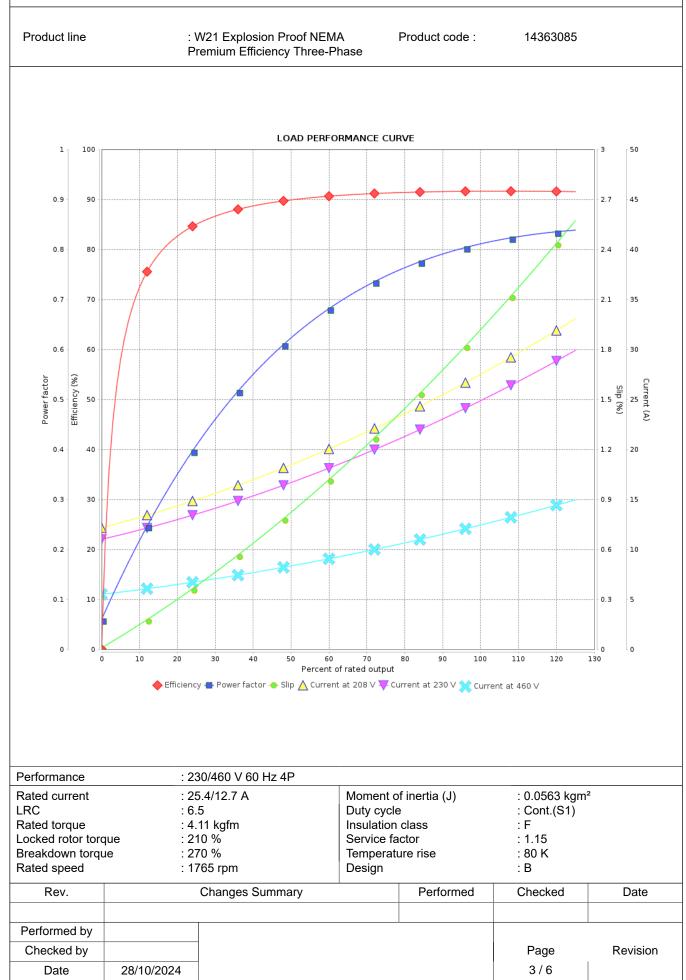
ID	Application	Application Type Quantity			Temperature
1	Winding	Thermostat - 2 wires	1 x Phase		55 °C
Rev.	Chang	jes Summary	Performed	Checked	Date
Performed by Checked by				Page	Revision



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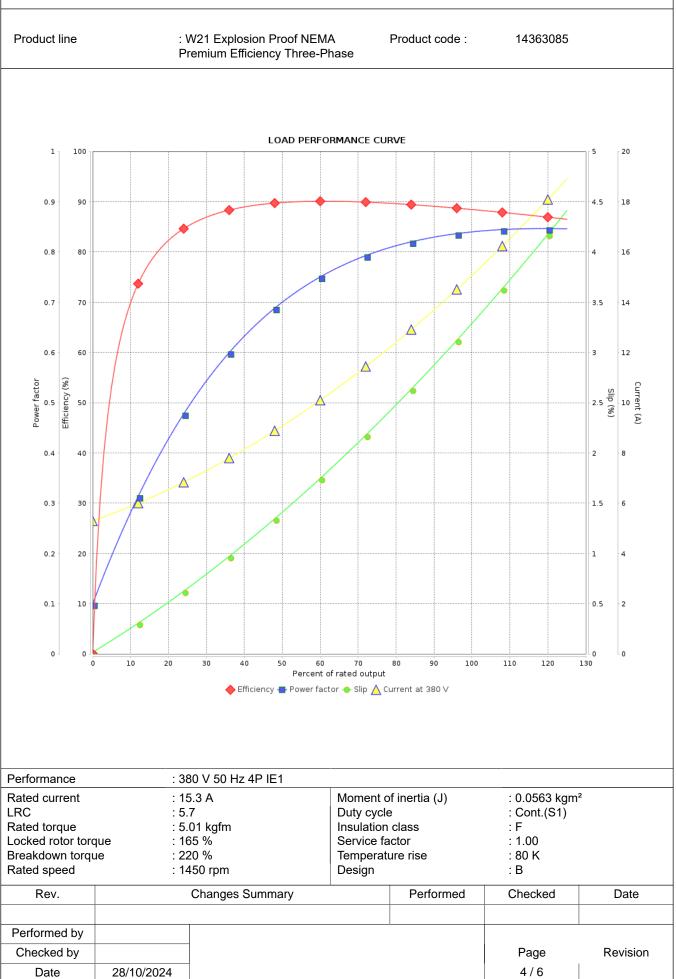
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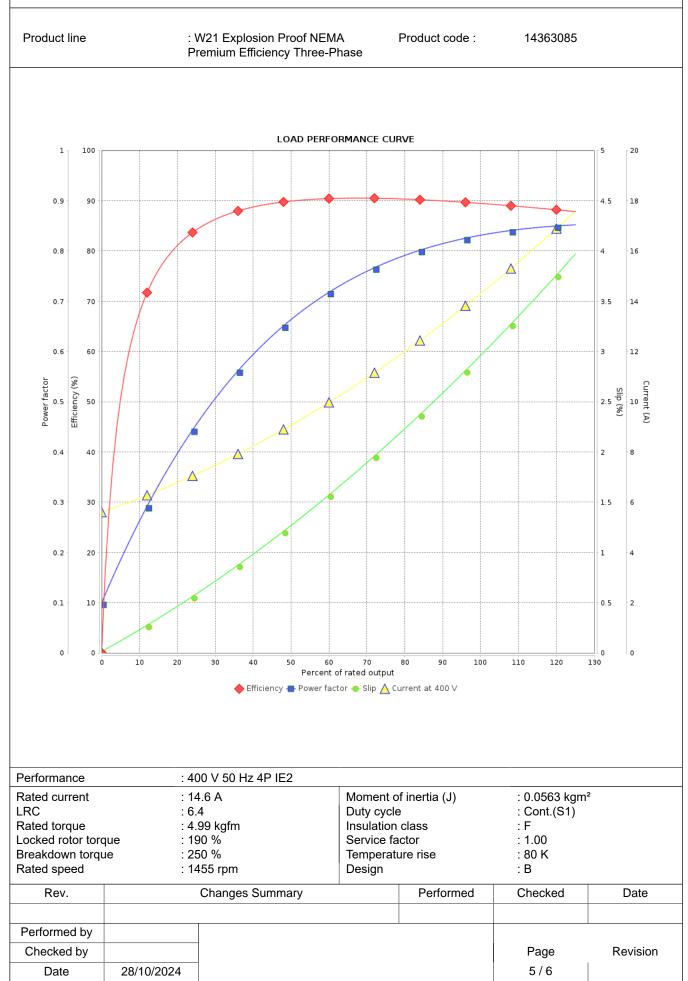


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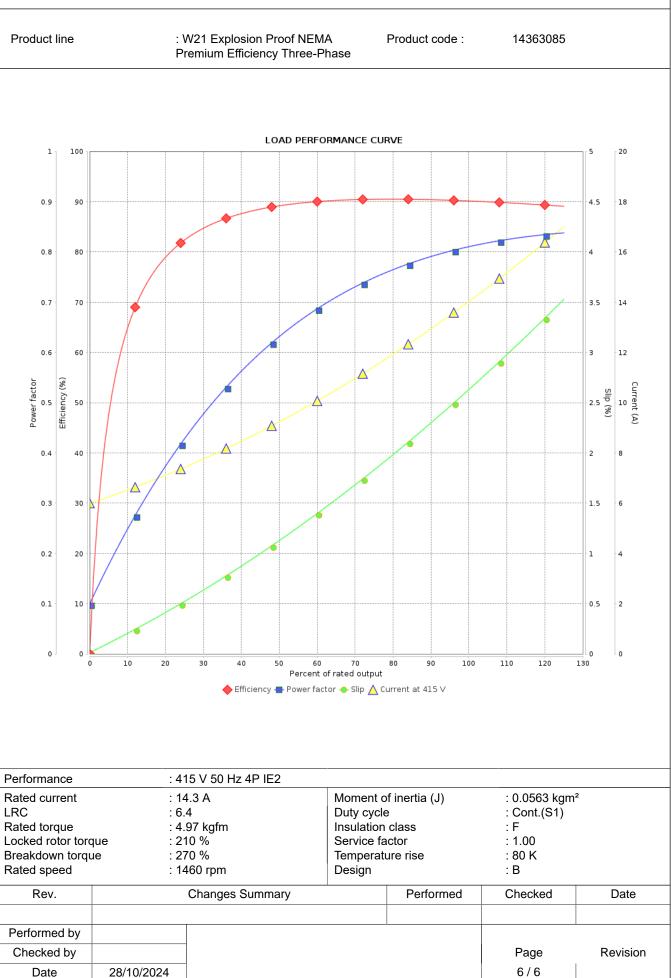
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