DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

Customer

Product line			: W22 Tru-Metric	IE3 Three-P	hase F	Product code :	125965	63	
Frame Insulation class Duty cycle Ambient temperature Altitude			: 160M : F : S1 : -20°C to +40°C : 1000 m.a.s.l.		Cooling method Mounting Rotation ¹ Starting method Approx. weight ³		: B3L(E : Both (: Direct : 126 kg	: IC411 - TEFC : B3L(E) : Both (CW and CCW) : Direct On Line : 126 kg	
Protection degree Design			: IP55 : N		Moment of inertia (J)		: 0.0419	: 0.0419 kgm²	
Output [HP]			15		15			15	
Poles			2 50		50			2 60	
Frequency [Hz] Rated voltage [V]			380		415			230/460	
Rated current [A]			21.1		20.2			35.8/17.9	
. R. Amperes [A]			158		172			322/161	
_RC [A]			7.5			8.5		9.0	
No load current [A]			7.60		9.00			16.0/8.00	
Rated speed [RPN			2950		2955			3560	
Slip [%]	.1		1.67			1.50		1.11	
Rated torque [kgfm	າໄ		3.70			3.68		3.06	
Locked rotor torque			240			300		330	
Breakdown torque			310		370			400	
Service factor	1.11		1.00		1.00			1.25	
Temperature rise			80 K		80 K			80 K	
_ocked rotor time			21s (cold) 12	s (hot)	19s ((cold) 11s (hot)	23s	(cold) 13s (hot)	
Noise level ²			67.0 dB(67.0 dB(A)			72.0 dB(A)	
	25	%	0.10 4D(1				(· ·/	
	50		90.7			89.9		89.5	
Efficiency (%)	75		91.2			91.3		91.0	
	100	1%	91.2		91.4			91.7	
	25		A 7 1		0.05			0.00	
Power Factor	50		0.74			0.65		0.68	
	75 [°] 100		0.83 0.87		0.77 0.83			0.79 0.84	
							(0.07	
Losses at normati	ve ope			, .	-				
	ļ				.0 8.8		-	8.4	
	ļ		P2 (0,5;1,0)	6.		6.3		6.1	
1 (0/)	ŀ		3 (0,25;1,0)	5.		5.7		5.5	
Losses (%)	-		P4 (0,9;0,5)		5.7 5.6			5.4	
	-		P5 (0,5;0,5)		3.3 3.2			3.1	
	ļ			(0,5;0,25) 2.				2.4	
		P7	7 (0,25;0,25)		.6	1.5	5	1.5	
Bearing type Sealing Lubrication interval Lubricant amount		:	Drive end Non drive end 6309 C3 6209 C3 V'Ring V'Ring 19000 h 20000 h 13 g 9 g		Foundation loads Max. traction Max. compression			: 129 kgf : 255 kgf	
		:						-	
Lubricant type		:	Mobil Poly	rex EM					
This revision repla must be eliminate (1) Looking the me (2) Measured at 1 (3) Approximate w manufacturing pro (4) At 100% of full	d. otor fro m and /eight s ocess.	m the s with tol	haft end. erance of +3dB(A					ts with sinusoidal stipulated in NEMA	
Rev.			Changes Summary			Performed	Checked	Date	
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Performed by Checked by			_				Page	Revision	
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Date	25/10)/2024					1/5		

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Notes

Rev.		Changes Summary	Performed	Checked	Date
Performed by					·
Checked by				Page	Revision
Date	25/10/2024			2/5	

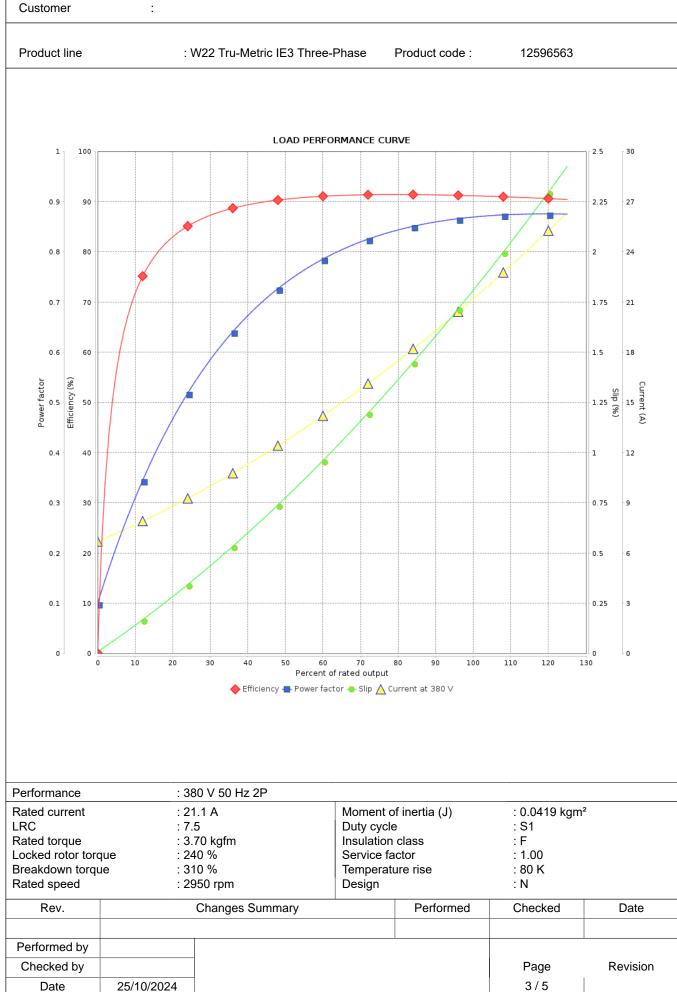
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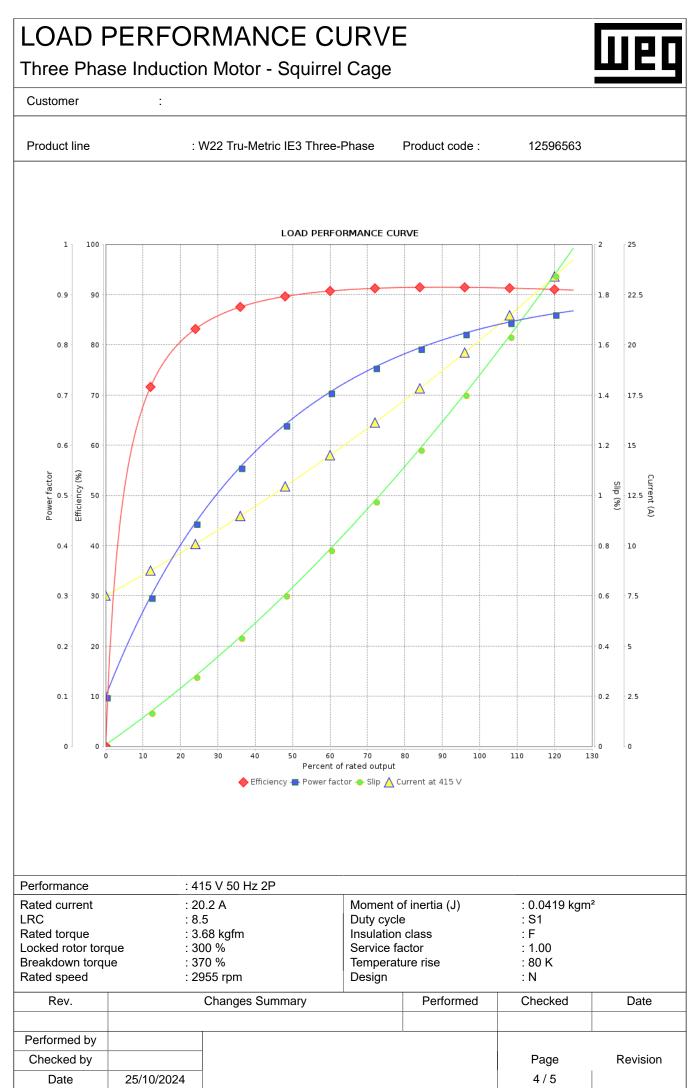
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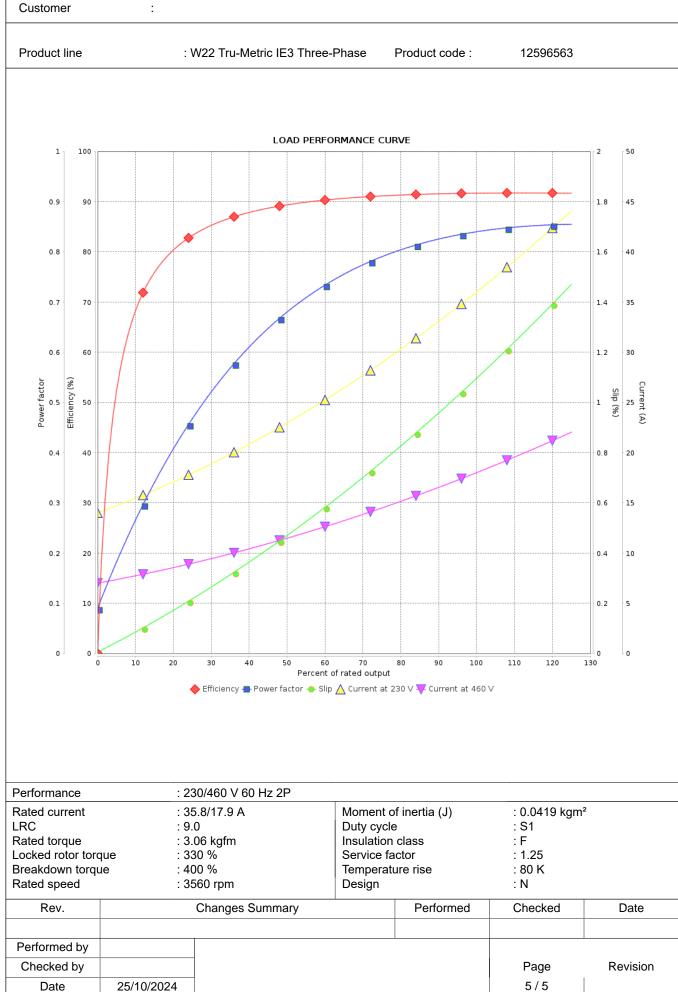
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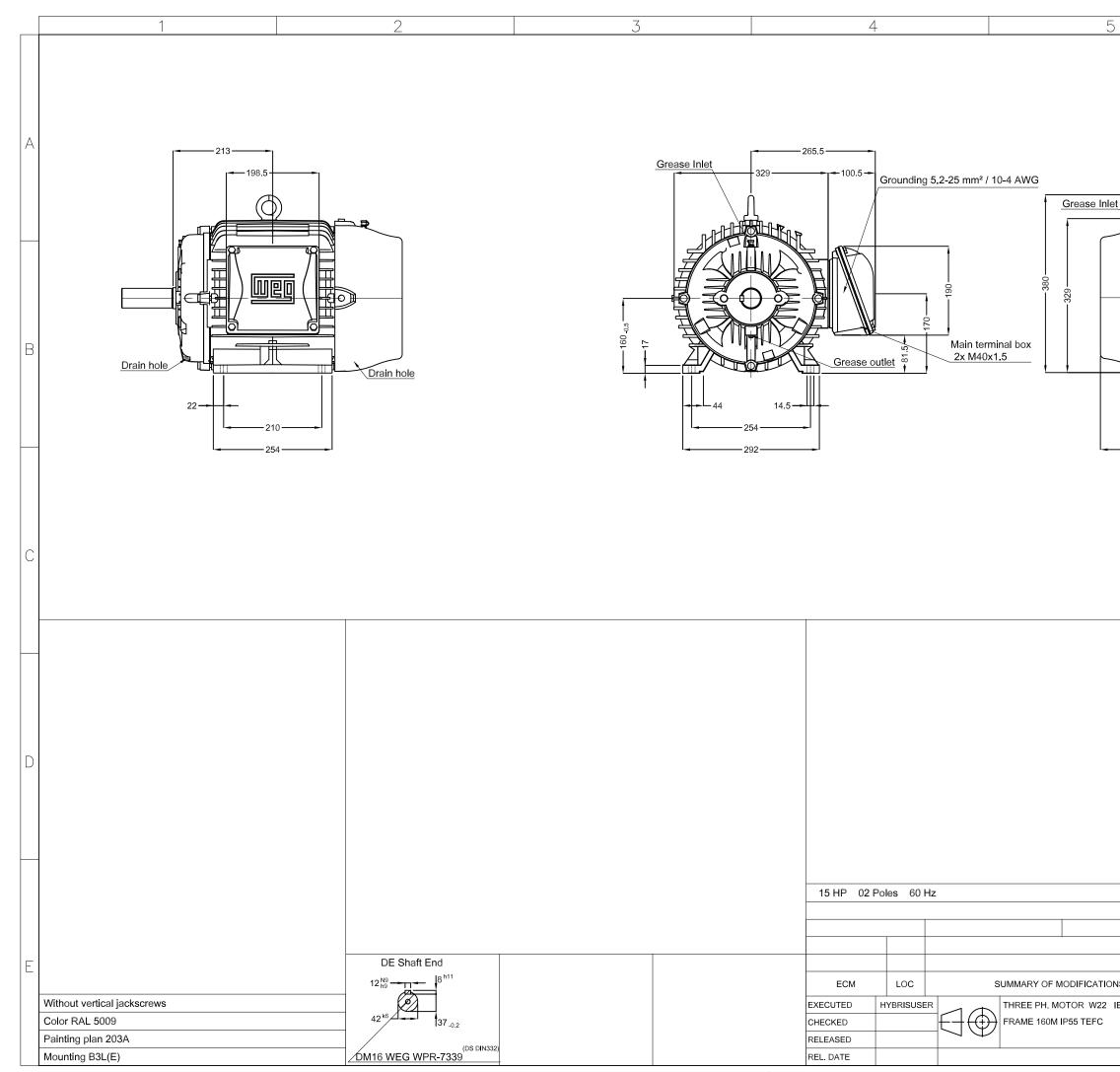
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