DATA SHEET

Three Phase Induction Motor - Squirrel Cage

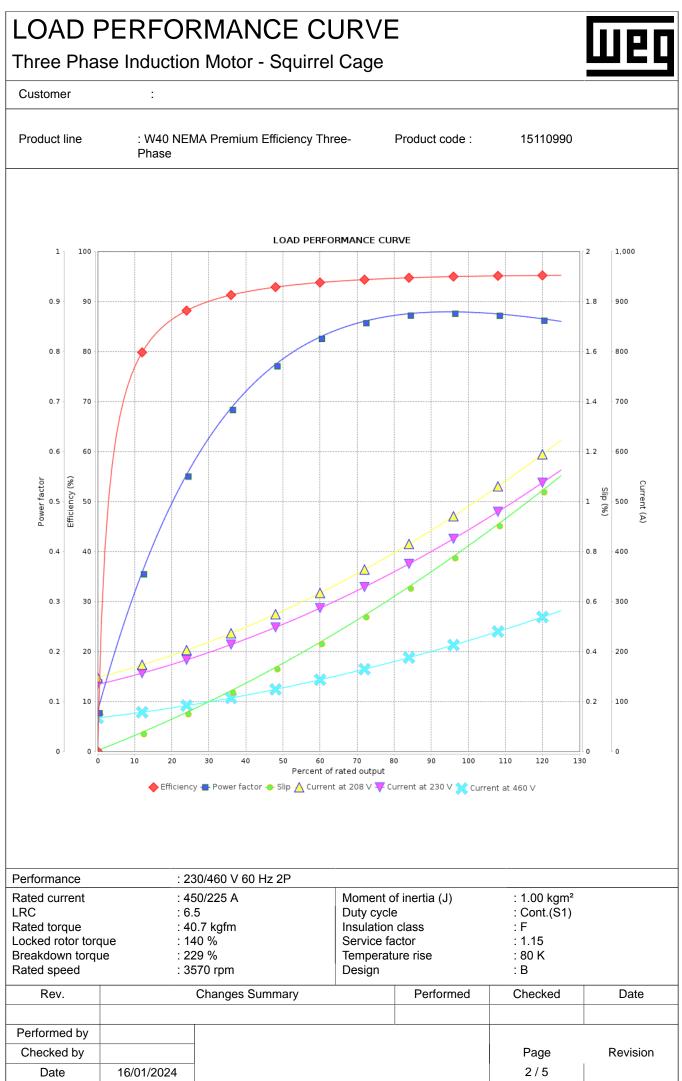
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Customer

Frame Insulation class		: 444/5TSD Cooling method : F Mounting		ethod	: IC01 - ODP : F-1		
Duty cycle		: Cont.(S1)	Rotation ¹			: Both (CW and CCW)	
Ambient temperature		: -20°C to +40°C	Starting me		: Direct On Line		
Altitude		: 1000 m.a.s.l.		Approx. weight ³ : 609 kg Moment of inertia (J) : 1.00 kgm ²			
Protection degree Design	9	: IP23 : B	Moment of	inertia (J)	: 1.00 Kg	jm-	
-							
Output [HP]		200	175	175		175	
Poles		2	2	2		2	
Frequency [Hz]		60	50	50		50	
Rated voltage [V]		230/460	380	400		415	
Rated current [A]		450/225	239	230		224 1658	
L. R. Amperes [A]		2925/1463	1530		1633		
LRC [A]		6.5x(Code G)	6.4x(Code G)	7.1x(Cod		7.4x(Code H)	
No load current [A]		134/67.0	66.4	74.0		80.5	
Rated speed [RPM]		3570	2965	2970		2970	
Slip [%] Rated torque [kgfm]		0.83 1.17		1.00		1.00	
Locked rotor torque [%]		40.7 42.8 42.8			42.8		
Breakdown torque [%]		140 140 229 210		150 229		160 240	
Breakdown torque [%]			1.00				
Service factor Temperature rise		1.15 80 K	1.00 80 K	1.00		1.00 80 K	
Locked rotor time		37s (cold) 21s (hot)	25s (cold) 14s (hot				
locked rotor time		85.0 dB(A)				23s (cold) 13s (hot)	
	25%	00.0 UD(A)					
	50%	93.0	92.8			92.9	
Efficiency (%)	75%	94.5	93.9	92.8		94.0	
	100%	95.0	95.4	95.4		95.4	
	25%	00.0	30.4 3			JU.7	
Power Factor	50%	0.79	0.81	0.77		0.74	
	75%	0.86	0.86	0.85		0.83	
	100%	0.88	0.88	0.87		0.86	
			ive end Foundation				
Bearing type		: 6314 C3 6212 Z C3 Max. traction : 593 kgf					
Sealing			max. adoao				
oodinig		Bearing Seal Beari				,.	
Lubrication interval		•	000 h				
Lubricant amount		: 27 g 1					
Lubricant type		: Mobil Polyrex EM					
Notes USABLE @208V	498A SF 1.0	00 SFA 498A					
must be eliminate (1) Looking the me	d. otor from the m and with t veight subjec ocess.	olerance of +3dB(A).		average values ba		s with sinusoidal tipulated in NEMA	
must be eliminate (1) Looking the m (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 supp MG-1.				
must be eliminate (1) Looking the mo (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). tt to changes after	power supp MG-1.	ly, subject to the	tolerances s	tipulated in NEMA	
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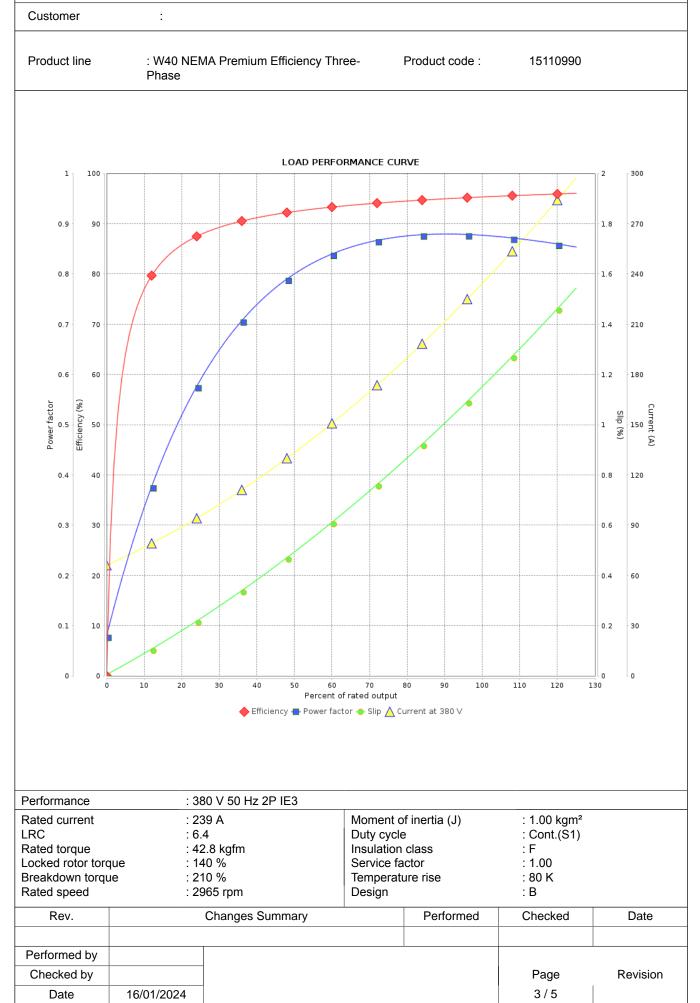


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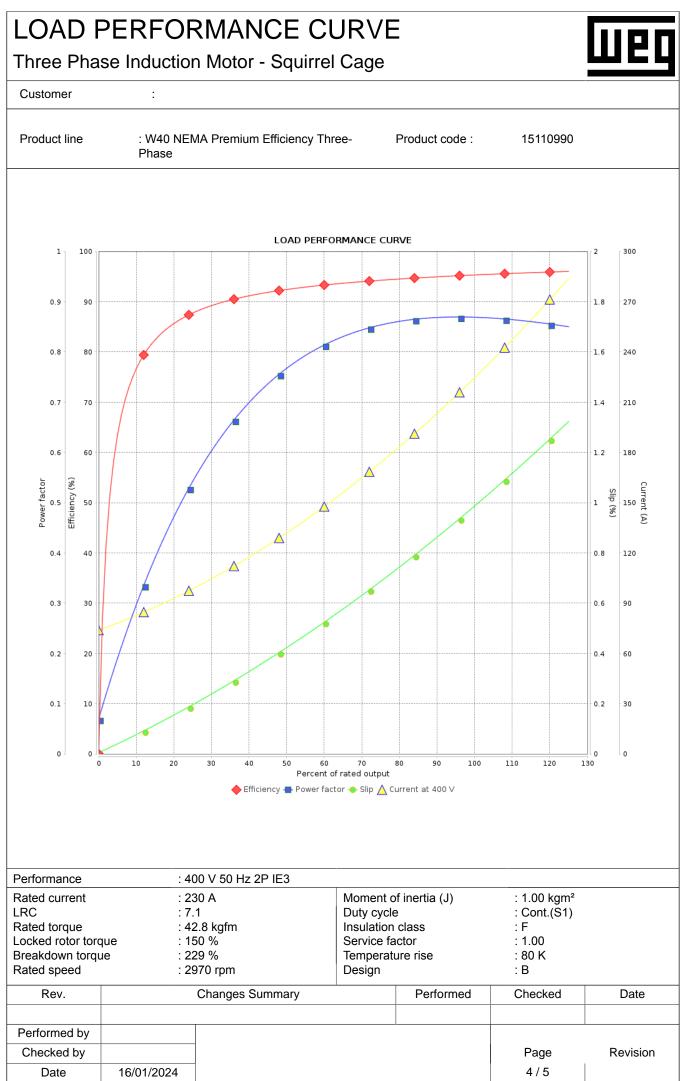
LOAD PERFORMANCE CURVE

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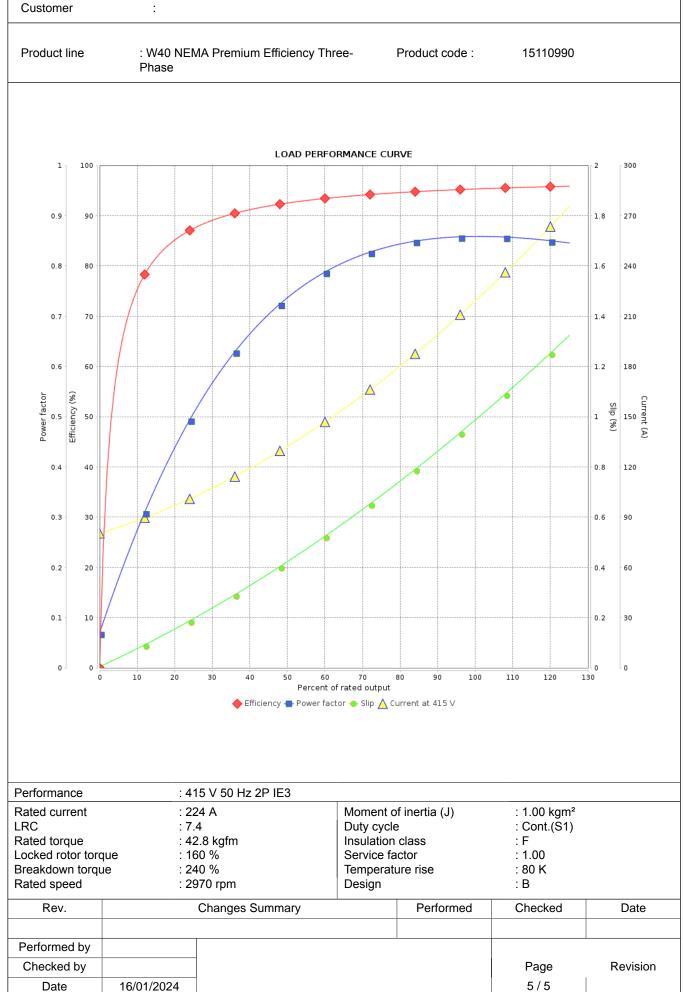


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