DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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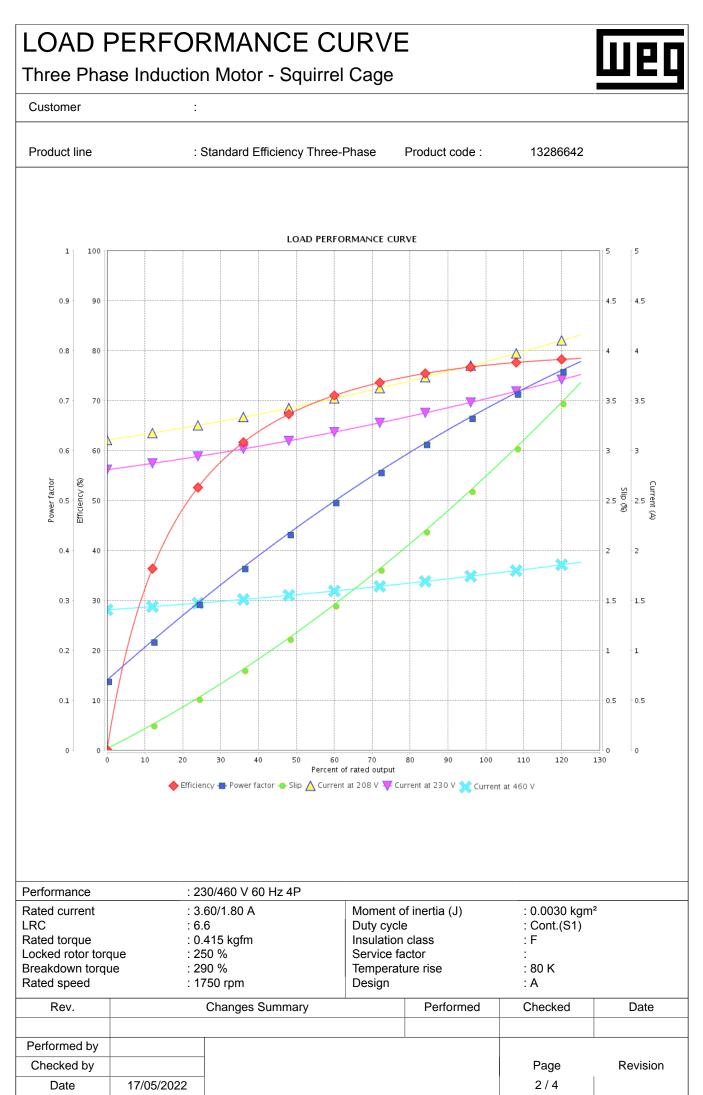
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		: Standard Efficiency Three-		13286642	
Frame Insulation class Duty cycle		: 56 : F : Cont.(S1)	Cooling method Mounting Rotation ¹	: IC01 - ODP : F-1 : Both (CW and CCW)	
Ambient temperature		: -20°C to +40°C	Starting method	: Direct On Line	
Altitude		: 1000 m.a.s.l.	Approx. weight ³	: 10.1 kg	
Design		: A	Moment of inertia (J)	: 0.0030 kgm²	
Output [HP]		1	1	1	
Poles		4	4	4	
Frequency [Hz]		60	50	50	
Rated voltage [V]		230/460	190/380	220/415	
Rated current [A]		3.60/1.80	3.84/1.92	3.90/2.07	
L. R. Amperes [A]		23.8/11.9	19.6/9.79	20.7/11.0	
LRC [A]		6.6x(Code L)	5.1x(Code H)	5.3x(Code J)	
No load current [A]		2.80/1.40	2.80/1.40	3.77/2.00	
Rated speed [RPI		1750	1425	1440	
Slip [%]		2.78	5.00	4.00	
Rated torque [kgfr	m]	0.415	0.509	0.504	
Locked rotor torqu		250	160	200	
Breakdown torque		290	210	250	
Service factor	r1		1.00	1.00	
Temperature rise		80 K	105 K	105 K	
Locked rotor time		18s (cold) 10s (hot)	Os (cold) Os (hot)	Os (cold) Os (hot)	
Noise level ²		52.0 dB(A)	49.0 dB(A)	49.0 dB(A)	
	25%				
	50%	68.0	70.6	61.8	
Efficiency (%)	75%	74.0	74.4	69.2	
	100%	77.0	74.2	72.0	
Power Factor	25%			12.0	
	50%	0.44	0.56	0.46	
	75%	0.58	0.70	0.40	
	100%	0.68	0.70	0.39	
	10070	Drive end Non drive en		0.10	
Bearing type		: 6204 ZZ 6202 ZZ			
Sealing		: Without Without	Max. traction	: 35 kgf	
Sealing			Max. compression	: 45 kgf	
Lubrigation interval		Bearing Seal Bearing Sea	21		
Lubrication interval Lubricant amount		· · ·			
Lubricant type	ii ii	: Mobil Polyrex EM			
Notes		<u>·</u>			
USABLE @208V	3.98A SF 1.	JU SFA 3.98A			
must be eliminate (1) Looking the m (2) Measured at	ed. notor from the 1m and with t weight subjec ocess.	ncel the previous one, which e shaft end. olerance of +3dB(A). et to changes after		based on tests with sinusoidal ne tolerances stipulated in NEM/	
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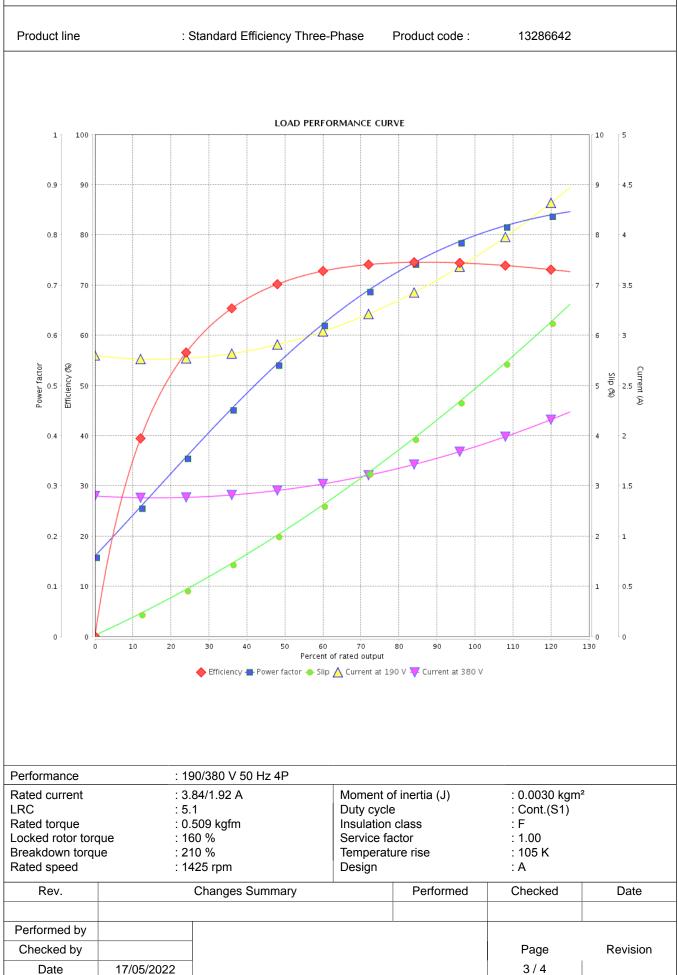
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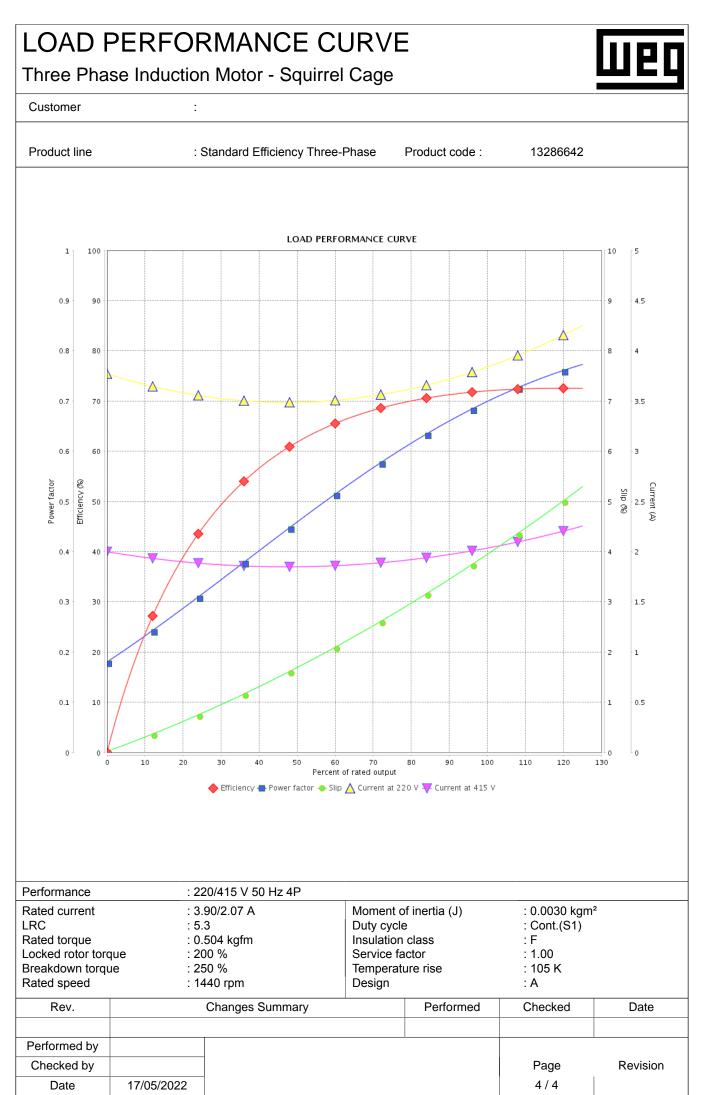
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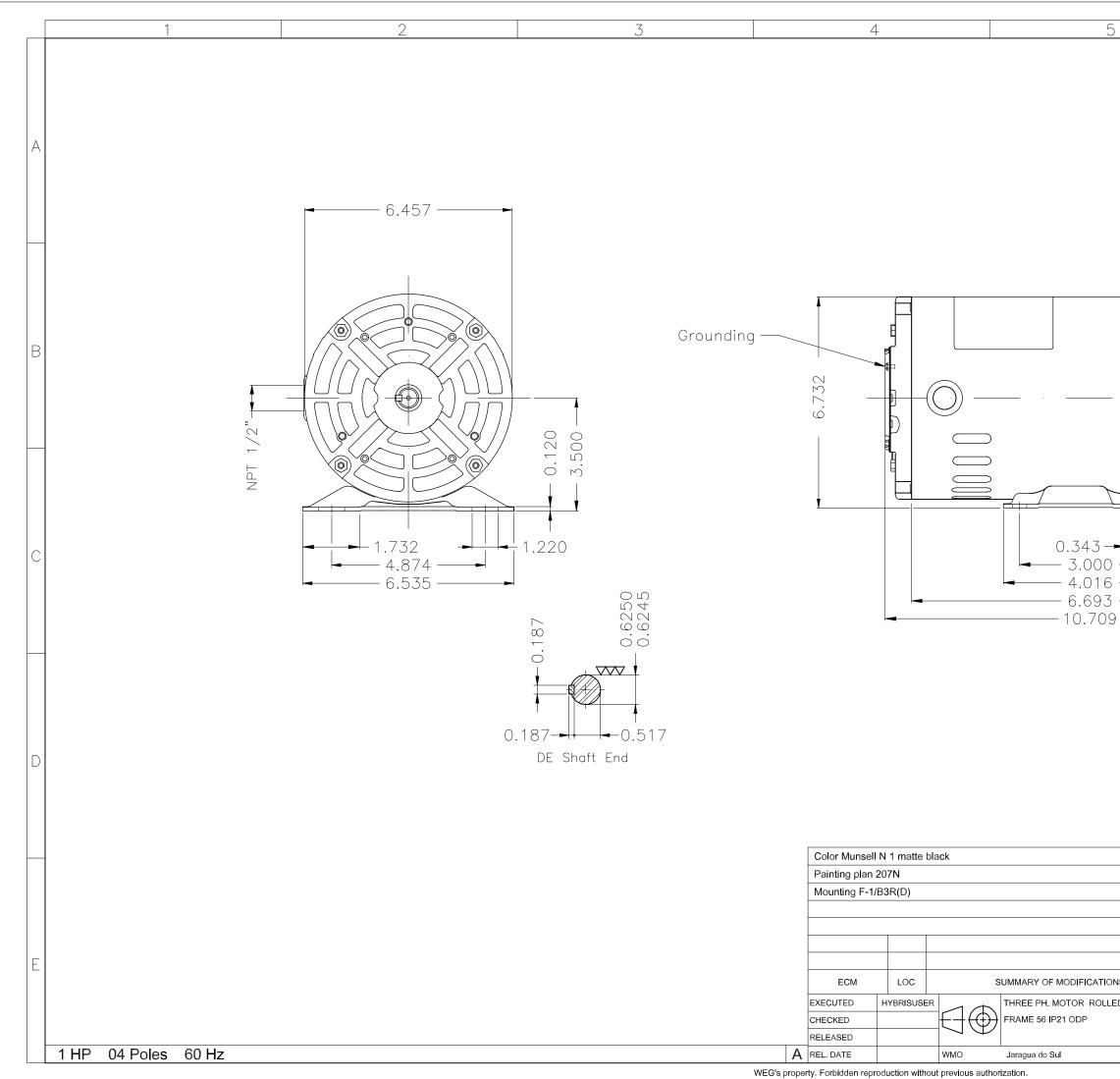
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5			6			
		1.	874 ±0.008			inches
						Dimensions in inches
ONS	EXECUTED		RELEASED	DATE	00 VER	
ED STEEL						
		PREVI		ШВ		A3
		WDD	00	Ше		
Product	Engineering	SHEET	1 / 1			XME