DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line	: W22 Phase	NEMA Pre	mium Efficien	icy Thre	e- I	Product	code :	11606	445	
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree Design		: 254/6T : F : Cont.(S : -20°C t : 1000 m : IP55 : B	61) o +40°C		Cooling method: IC411 - TEFCMounting: F-1Rotation1: Both (CW and CCW)Starting method: Direct On LineApprox. weight3: 139 kgMoment of inertia (J): 0.1867 kgm²					ind CCW) ine
Output [HP]			10		10		1	0		10
Poles		6			6		6			6
Frequency [Hz]		60		50			50		50	
Rated voltage [V]		230/460		380			400		415	
Rated current [A]		26.6/13.3 173/86.5		15.4 78.5			14.8 84.4		14.4 87.8	
L. R. Amperes [A]		6.5x(Code H)		78.5 5.1x(Code F)			84.4 5.7x(Code G)		6.1x(Code H)	
LRC [A] No load current [A]		12.0/6.00		6.40		,	6.80		7.20	
Rated speed [RPN	1175		965			970		975		
Slip [%]		2.08		3.50			3.00		2.50	
Rated torque [kgfm]		6.18		7.52			7.48		7.44	
ocked rotor torqu	e [%]	229		170			200		220	
Breakdown torque	280		220			240		260		
Service factor		1.25		1.00			1.15		1.15	
Temperature rise		80 K		105 K			105 K		80 K	
Locked rotor time		46s (cold) 26s (hot)		39s (cold) 22s (hot)		not)	39s (cold) 22s (hot) 57.0 dB(A)		39s (cold) 22s (hot)	
Noise level ²	25%	59.0) dB(A)	5	7.0 dB(A)		57.00	dB(A)		57.0 dB(A)
	50%	90.2		90.2			90.2		89.5	
Efficiency (%)	75%	91.0		89.5			90.2		90.2	
	100%		91.0	89.1			89.5			89.5
Power Factor	25%									
	50%	0.63		0.66			0.63			0.60
	75%	0.74		0.79			0.77			0.75
	100%	().78		0.83		0.8	32		0.81
Losses at normati	ive operating	points (sp	eed;torque), i	n percei	ntage of ra	ted outp	out power			
	P1 (0,		9.8		9.8		9.8		9.8	
	P2 (0,		8.4		8.4		8.4			8.4
		25;1,0)	7.8		7.8		7.8		7.8	
Losses (%)		9;0,5) 5;0,5)	5.0 3.6		5.0		5.0		5.0	
		5;0,25) 5;0,25)	2.5		2.5		2.5		2.5	
		5;0,25)	1.8		1.8		1.8		_	1.8
	17 (0,2	Drive e	-	ive end	Foundati	-	s – – – – – – – – – – – – – – – – – – –	1.0		1.0
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type		: 6309 C3 6209 : V'Ring V'R : 20000 h 200		09 C3 Ring 000 h 9 g	Max. traction Max. compression		: 235 kgf : 374 kgf			
This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	d. otor from the m and with to veight subjec	shaft end. olerance o	f +3dB(A).	nich						h sinusoidal ated in NEMA
Rev.	Rev. Changes Summary					Performed		Checked		Date
Performed by								<u> </u>		
								Page		Revision
Checked by								гауе		Revision

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Notes

USABLE @208V 28.5A SF 1.15 SFA 32.8A

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Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	20/05/2024	-		2/6	

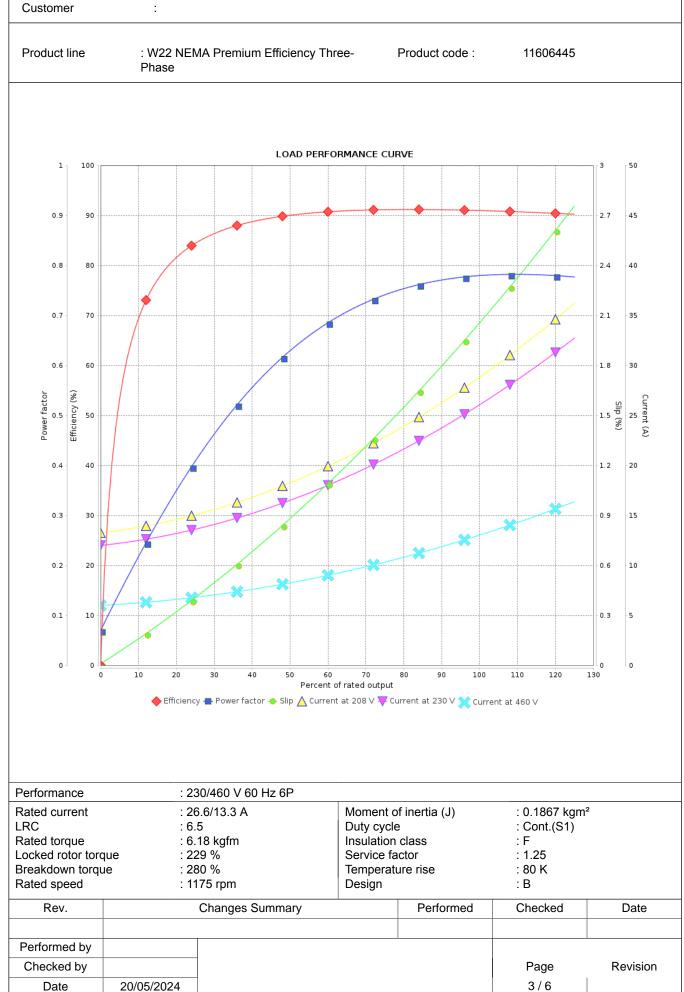
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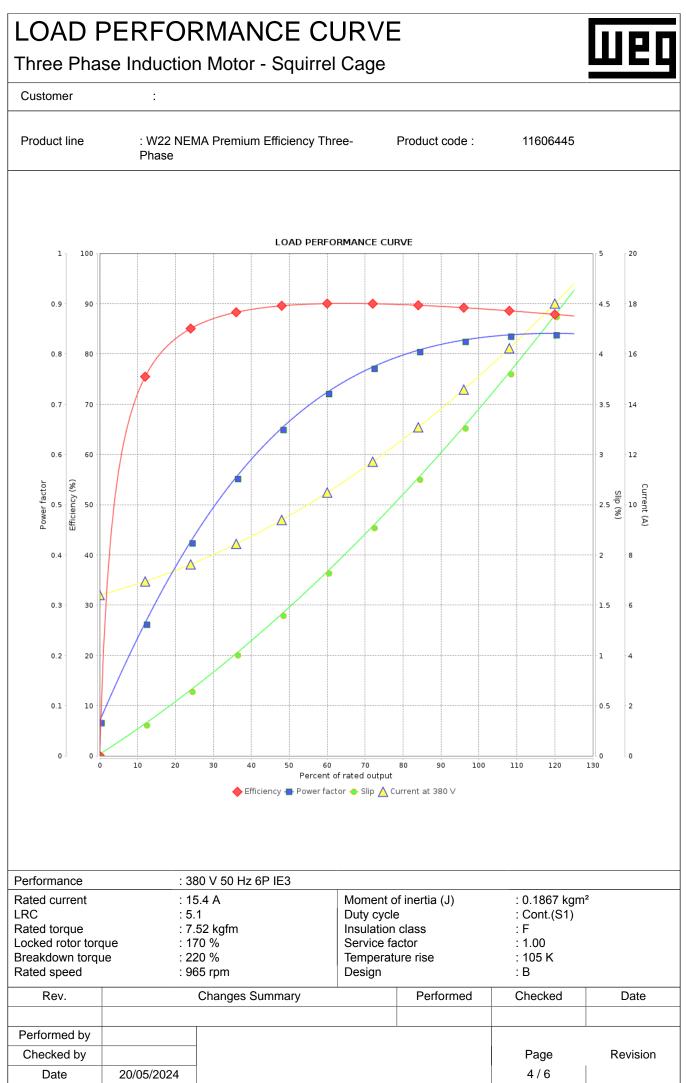
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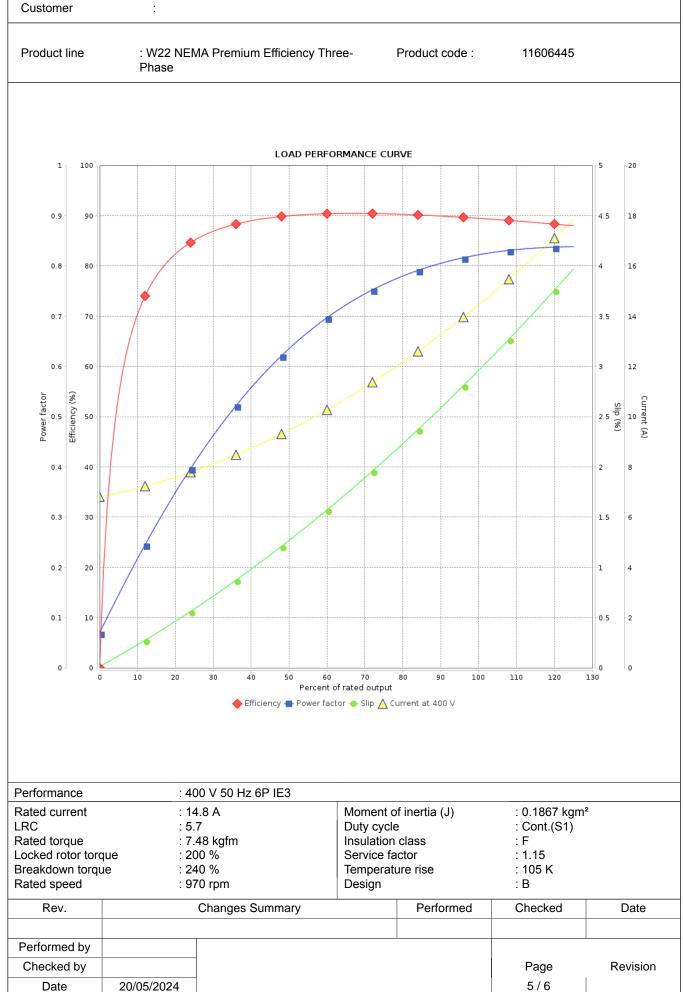


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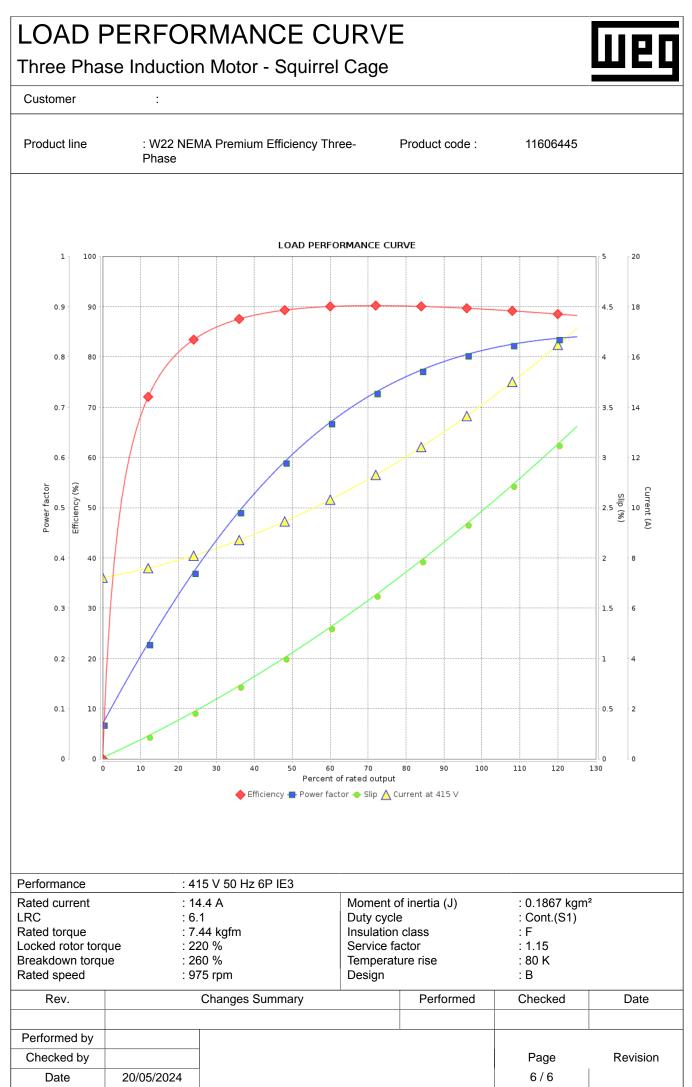
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