DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Product line		: W22 NEMA Premium Efficiency Product code : 12717665 Three-Phase								
Frame Insulation class Duty cycle Ambient temperature Altitude		: 213/5T : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l.			Cooling method Mounting Rotation ¹ Starting method Approx. weight ³		: F-1 : Bo : Dir	: IC411 - TEFC : F-1 : Both (CW and CCW) : Direct On Line : 70.3 kg		
Protection degree Design		: IP55 : B			Moment of inertia (J) : 0.0753 kgm ²					
Output [HP]		2		2			2		2	
Poles		8		8			8		8	
Frequency [Hz]		60		50 380			50 400		50 415	
Rated voltage [V]		230/460					3.80		3.78	
Rated current [A]		6.78/3.39		3.91					27.2	
L. R. Amperes [A]		46.8/23.4		23.5			24.7			
LRC [A]		6.9x(Code L)		6.0x(Code J)		6.	6.5x(Code K)		x(Code L)	
No load current [A]		4.60/2.30		2.30			2.42		2.54	
Rated speed [RPN	IJ	875		715			720		725	
Slip [%]		2.78		4.67			4.00		3.33	
Rated torque [kgfm]		1.66		2.03			2.02		2.00	
Locked rotor torque [%]		220		170			210		240	
Breakdown torque [%]		290			210		250		280	
Service factor		1.25			1.00		1.00		1.00	
Temperature rise		80 K			80 K		80 K		80 K	
Locked rotor time		70s (cold) 39s (hot))s (cold) 39s (hot)		70s (cold) 39s (hot)		old) 39s (hot	
Noise level ²		52.0 dB(A)		4	8.0 dB(A)	4	48.0 dB(A)		8.0 dB(A)	
	25%									
Efficiency (%)	50%		32.5	81.5			81.5		81.5	
	75%		34.0	82.0			82.5		82.5	
	100%	8	35.5		82.0		82.5		82.5	
	25%									
Power Factor	50%	0.45		0.52			0.49		0.46	
I OWELL ACTO	75%	0.55		0.62			0.59		0.56	
	100%	0.65			0.71		0.69		0.67	
Losses at normati	ve operating	noints (sn	eed:torque) i	n nercer	ntage of rated	l output pa	wer			
Loooo at normati					20.8		20.1		20.1	
		P1 (0,9;1,0) P2 (0,5;1,0)		13.5			16.9		16.9	
		P2 (0,5;1,0) P3 (0,25;1,0)			17.5 17.1		16.5		16.5	
			13.2		17.1		10.5		10.3	
Losses (%)		,9;0,5)	9.6							
		,5;0,5)	7.0		9.0 7.2		8.7		8.7	
		5;0,25)		5.6			7.0		7.0	
	P7 (0,2	P7 (0,25;0,25)		4.4		5.7			5.5	
Bearing type Sealing Lubrication interval		Drive end Non drive e			Foundation	loads				
		: 6308 ZZ 620		07 ZZ	Max. tractio		: 68 kgf sion : 139 kgf			
		: V'R	ing V'	Ring Max. compres		ression				
		: -		-						
Lubricant amount		: -		-						
Lubricant type		: M	lobil Polyrex E	EM						
This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate w	d. otor from the m and with t reight subjec	shaft end. olerance o	f +3dB(A).	nich			alues based on to the toleranc			
manufacturing pro	Changes Summers						Checked			
Rev.		Chang	ges Summary			Performe	d Checl	ked	Date	
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Notes

USABLE @208V 7.49A SF 1.15 SFA 8.62A

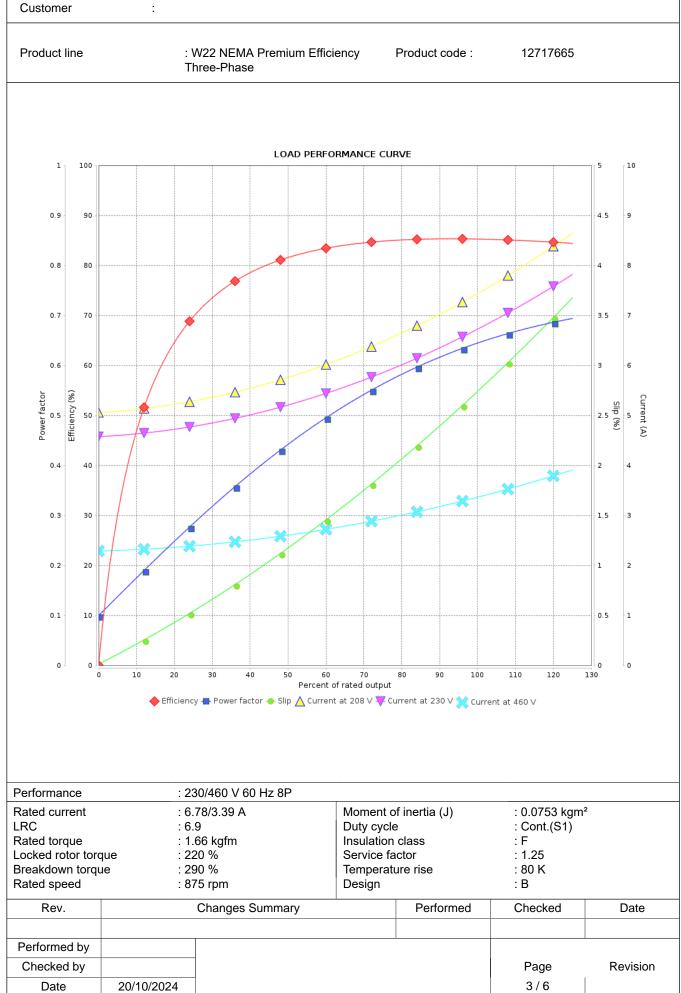
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Rev.		Changes Summary	Performed	Checked	Date
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Date	20/10/2024	-		2/6	

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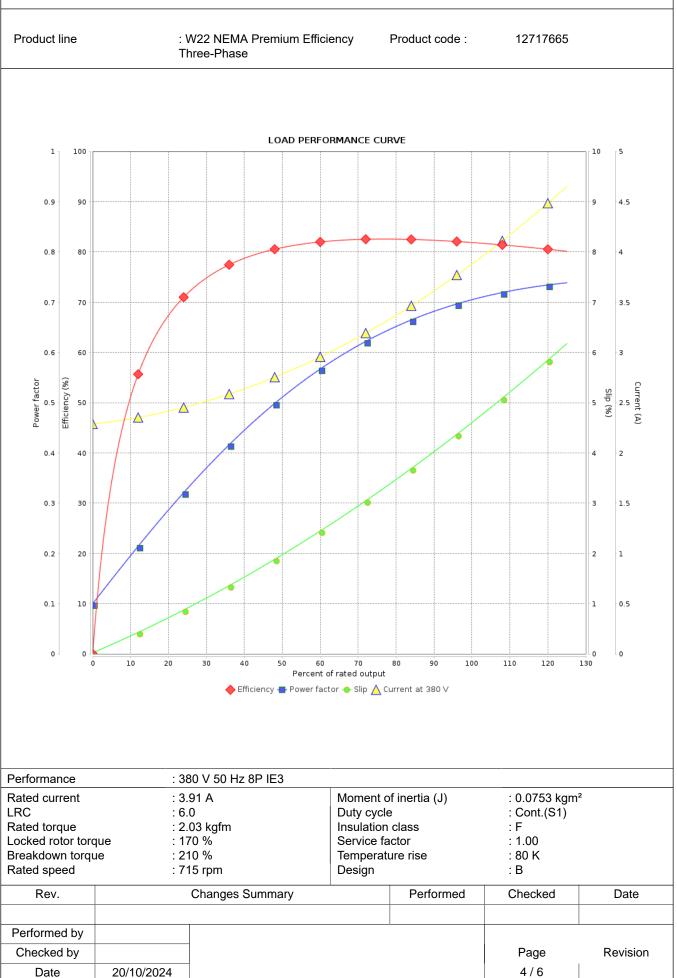
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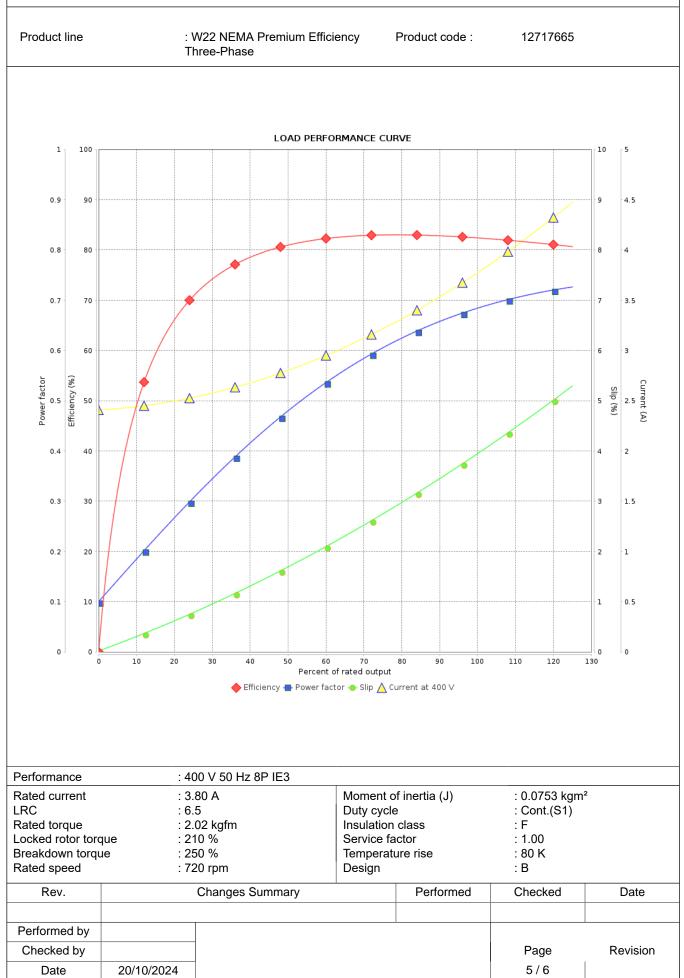


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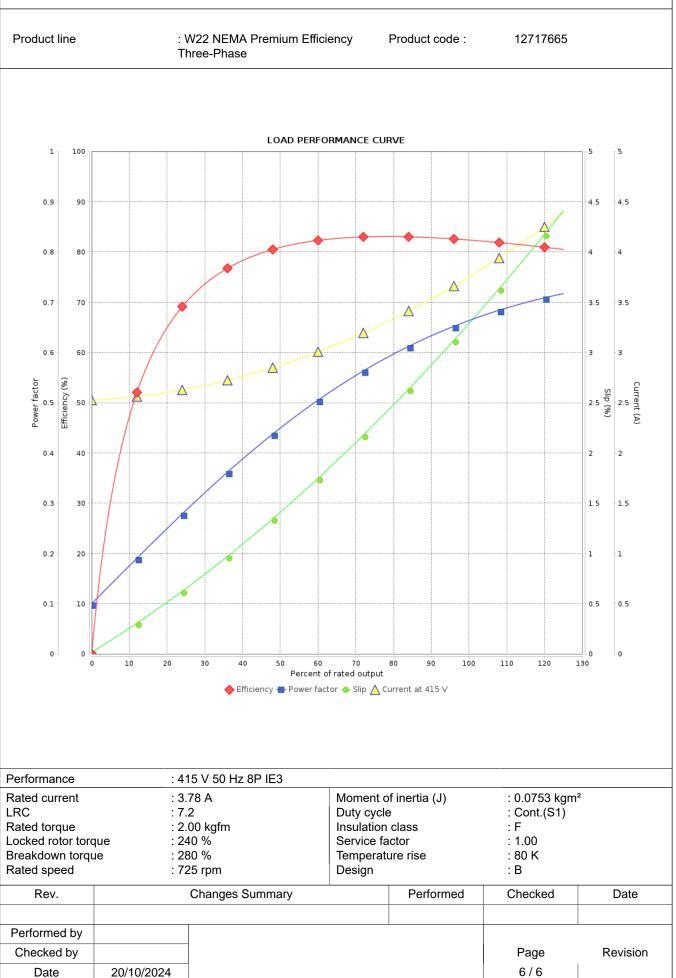
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