DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

Customer

Product line		: W22 N Three-P	EMA Premiun hase	n Efficie	ncy Pro	oduct code	e: 132	76769		
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree		: L447/9T : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55			Cooling method Mounting Rotation ¹ Starting method Approx. weight ³ Moment of inertia (J)		: F- : Bc : Di : 16	: IC411 - TEFC : F-1 : Both (CW and CCW) : Direct On Line : 1644 kg : 11.7 kgm²		
Output [HP]		400			350		350		350	
Poles		6		6			6		6	
Frequency [Hz]		60		50			50		50	
Rated voltage [V]		460		380			400		415	
Rated current [A]		477		497			478 3346		472 3540	
. R. Amperes [A]	3291		3081		7					
RC [A]	1	6.9x(Code H) 200		6.2x(Code G) 190			7.0x(Code H) 210		7.5x(Code J) 225	
No load current [A] Rated speed [RPM]		1190		990			990		990	
Slip [%]	ניי	0.83		1.00			1.00		1.00	
Rated torque [kgfn	nl	244			257		257		257	
_ocked rotor torqu		240			200		220		240	
Breakdown torque		240			200		260	-	240	
Service factor	<u></u>	1.00			1.00		1.00	-	1.00	
Temperature rise		105 K			105 K		105 K		105 K	
Locked rotor time		23s (cold) 13s (hot)		32s (c	32s (cold) 18s (hot)		28s (cold) 16s (hot)		(cold) 14s (hot)	
Noise level ²) dB(A)		0.0 dB(A)		70.0 dB(A)		70.0 dB(A)	
	25%									
Efficiency (%)	50%	95.4			95.4		95.4		95.0	
	75%	95.8			95.8		95.8		95.4	
	100%	ę	95.8		95.8		95.8		95.8	
Power Factor	25%									
	50%	0.68			0.70		0.66		0.62	
	75%	0.78			0.80		0.77		0.74	
	100%	(0.82		0.83		0.82		0.80	
Losses at normat	ive operating	points (sp	eed;torque), i	n percer	ntage of rated	d output p	ower			
	P1 (0	,9;1,0)	5.1	5.1			5.1		5.1	
		,5;1,0)	3.8		3.8		3.8		3.8	
		25;1,0)	3.4		3.4		3.4		3.4	
Losses (%)		,9;0,5)	2.9		2.9		2.9		2.9	
		,5;0,5)	1.9		1.9 1.4		1.9		1.9	
		5;0,25)	1.4				1.4		1.4	
P7 (0		25;0,25)	0.8		0.8		0.8		0.8	
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type		Drive end Non drive end NU-322 C3 6319 C3 WSeal WSeal 7000 h 13000 h 60 g 45 g Mobil Polyrex EM			Foundation loads Max. traction : 5463 kgf Max. compression : 7107 kgf					
This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	d. otor from the m and with t veight subjec ocess.	shaft end. olerance o	f +3dB(A).	nich			alues based on t to the tolerand		th sinusoidal lated in NEMA	
Rev.		Changes Summary				Performed Checke		ked	Date	
Performed by										
Performed by Checked by Date	21/10/2024						Pa	-	Revision	

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Notes

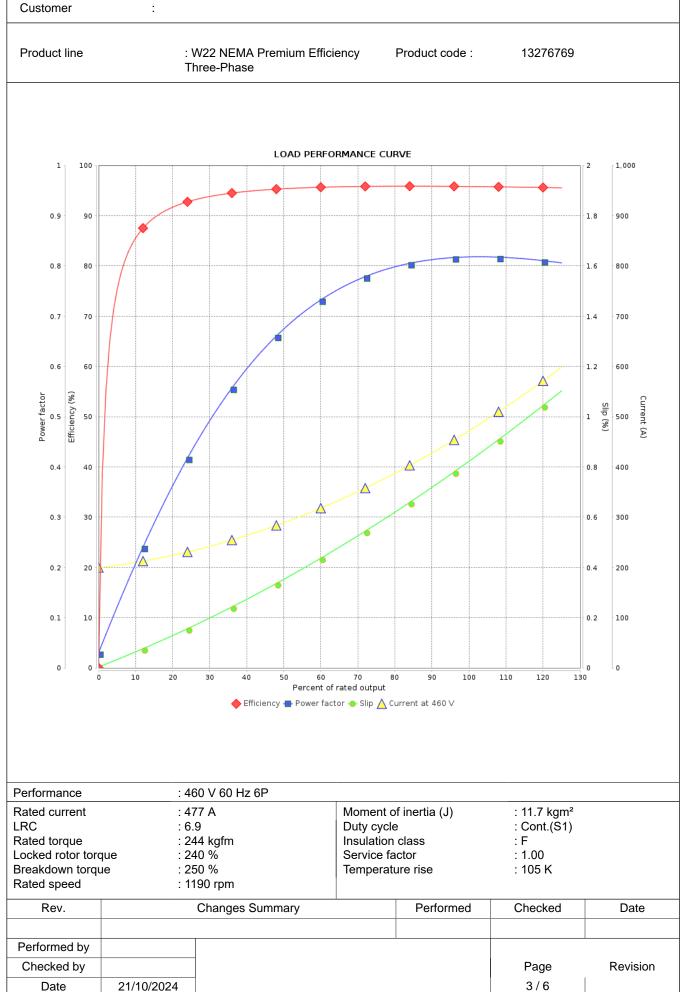
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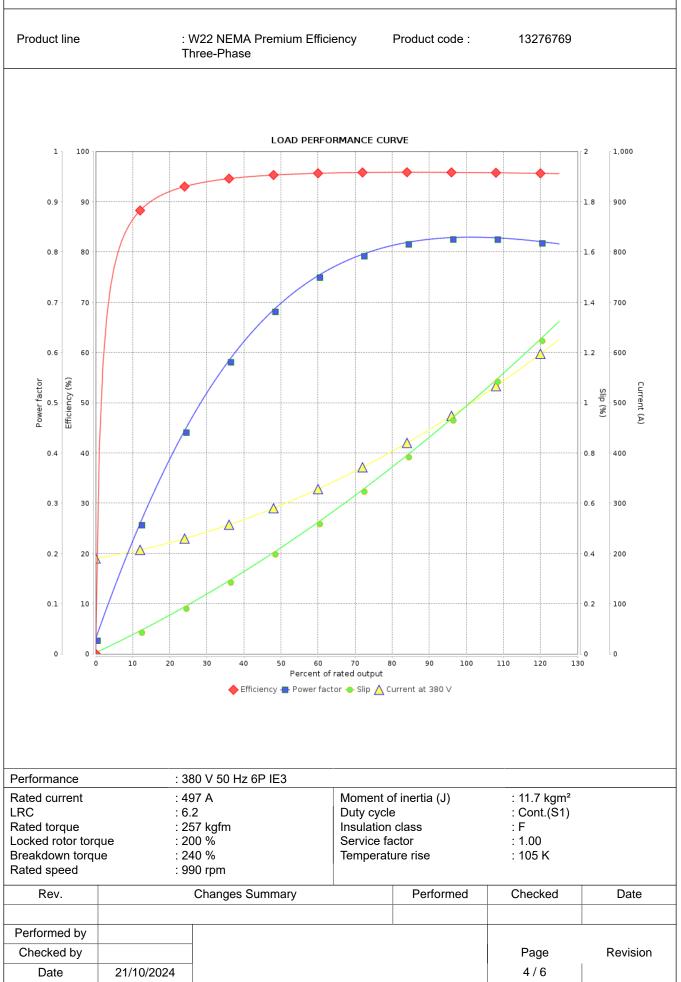
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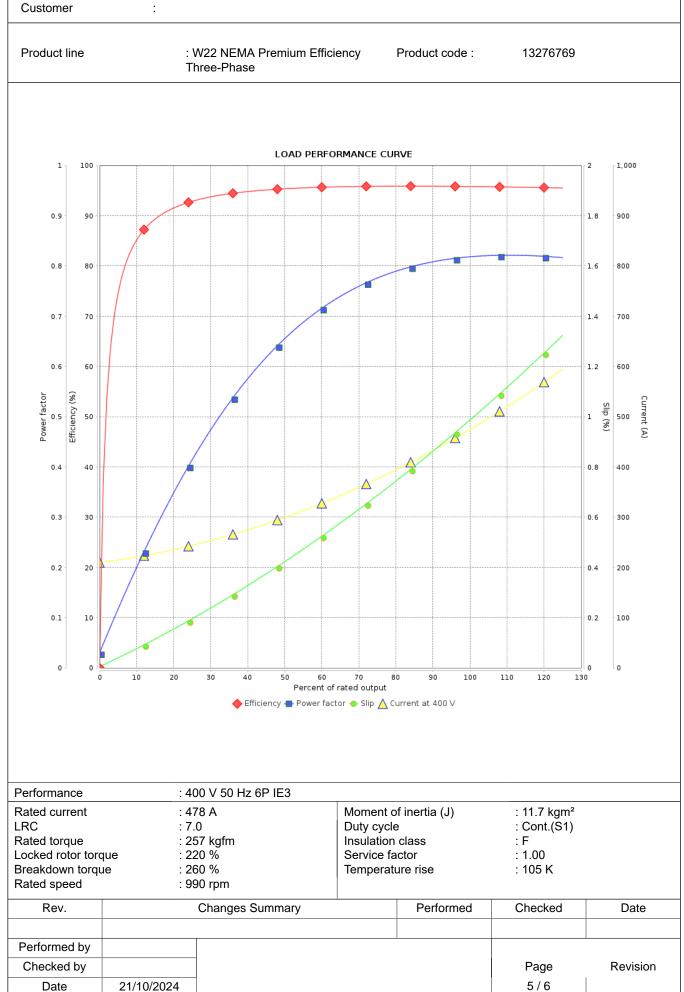
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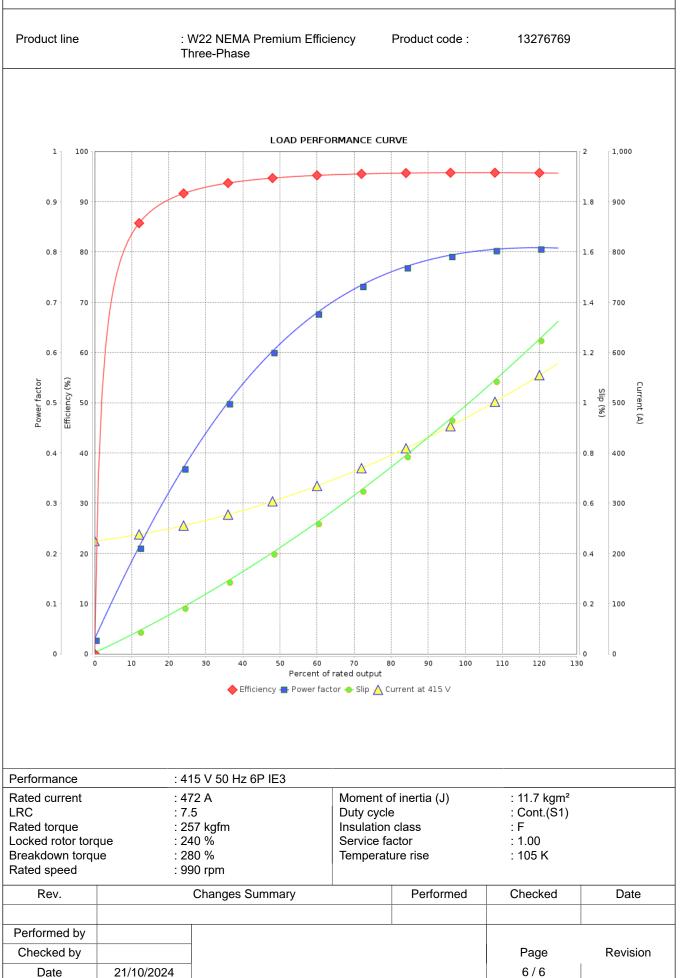
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