# DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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#### Customer

Product line			pled Pump JN cy Three-Pha		<b>\</b>	Product	code :	129418	830	
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree Design		: 254/6JM : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : B		Cooling method Mounting Rotation <sup>1</sup> Starting method Approx. weight <sup>3</sup> Moment of inertia (J)				: IC411 - TEFC : F-1 : Both (CW and CCW) : Direct On Line : 139 kg : 0.1867 kgm <sup>2</sup>		
Output [HP]			10		10		10			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		15.4			14.8		14.4	
L. R. Amperes [A]		173/86.5		78.5			84.4		87.8	
LRC [A]		6.5x(Code H)		5.1x(Code F)		)	5.7x(Code G)		6.1x(Code H)	
No load current [A]		12.0/6.00		6.40		·	6.80		7.20	
Rated speed [RPM]		1175		965			970		975	
Slip [%]	-	2.08		3.50			3.0			2.50
Rated torque [kgfm]		6.18		7.52			7.48		7.44	
Locked rotor torqu		229		170			200		220	
Breakdown torque [%]		280		220			240		260	
Service factor		1.25			1.00		1.1		1.15	
Temperature rise		80 K			1.00 105 K		105 K		80 K	
Locked rotor time		46s (cold) 26s (hot)		39s (d	39s (cold) 22s (hot)		39s (cold) 22s (hot)		39s (cold) 22s (hot)	
Noise level <sup>2</sup>		59.0 dB(A)		57.0 dB(A)			57.0 dB(A)		57.0 dB(A)	
	25%		90.0		90.4		90.			89.9
	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	
	25%	0.38			0.41		0.38			0.36
Power Factor	50%	0.63		0.66			0.63			0.60
	75%	0.74		0.79			0.77		0.75	
	100%		0.78		0.83		0.82		0.81	
Loopoo at parmat		nainta (an	aditoraua) i		ntana of ro	tod out	utnowor			
Losses at normat			9.8	n percer	-		but power	9.8		9.8
		P1 (0,9;1,0)			9.8		8.4		8.4	
		P2 (0,5;1,0) P3 (0,25;1,0)			7.8		7.8		_	7.8
$1 \circ \circ \circ \circ \circ (0/)$	P3 (0,2 P4 (0,		7.8				5.0		5.0	
Losses (%)	P4 (0, P5 (0,		3.6		5.0			3.6	3.6	
					2.5				2.5	
		0,5;0,25) 2.5			1.8			2.5	_	
	P7 (0,2		1.8					1.8		1.8
<b>_</b>		<u>Drive end</u> <u>Non drive end</u> : 6309 C3 6209 C3			Foundation loads					
Bearing type				)9 C3	ing Max. compression			: 235 kgf : 374 kgf		
Sealing		: V'R		Ring						
Lubrication interval		: 20000 h 20000								
Lubricant amour	: 13 g 9 g									
Lubricant type		: N	lobil Polyrex E	-M						
This revision repl must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate w manufacturing pro-	ed. notor from the 1m and with to weight subjec	shaft end. plerance o	f +3dB(A).	nich				pased on tes tolerances		sinusoidal ted in NEMA
		<u>0</u> k			l	D (	ormed	Charl	d	Dete
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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	14/01/2024	-		2/6	

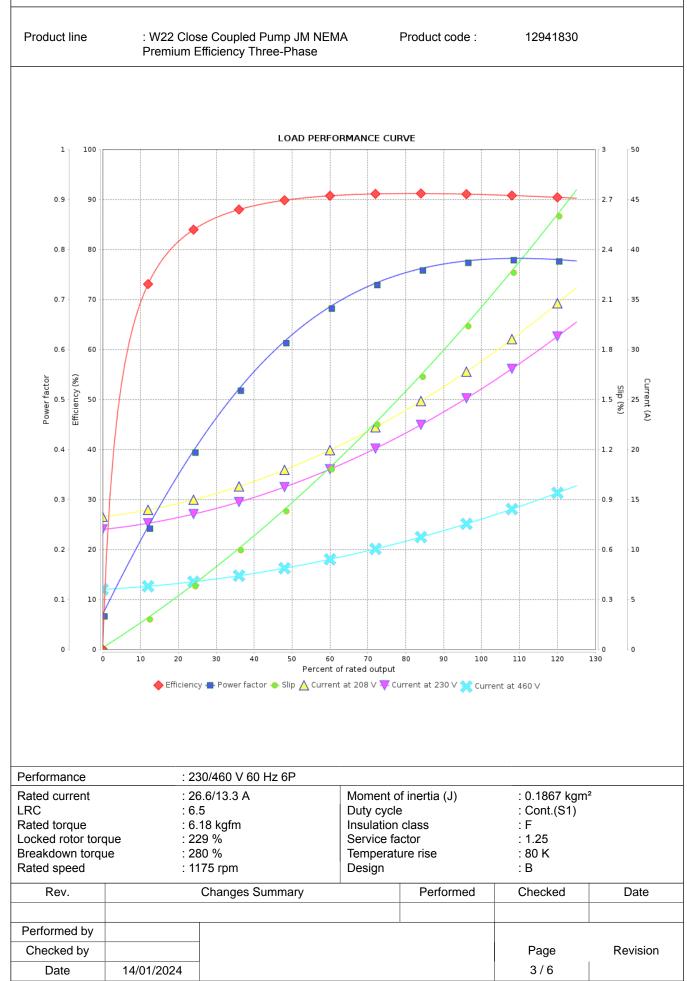
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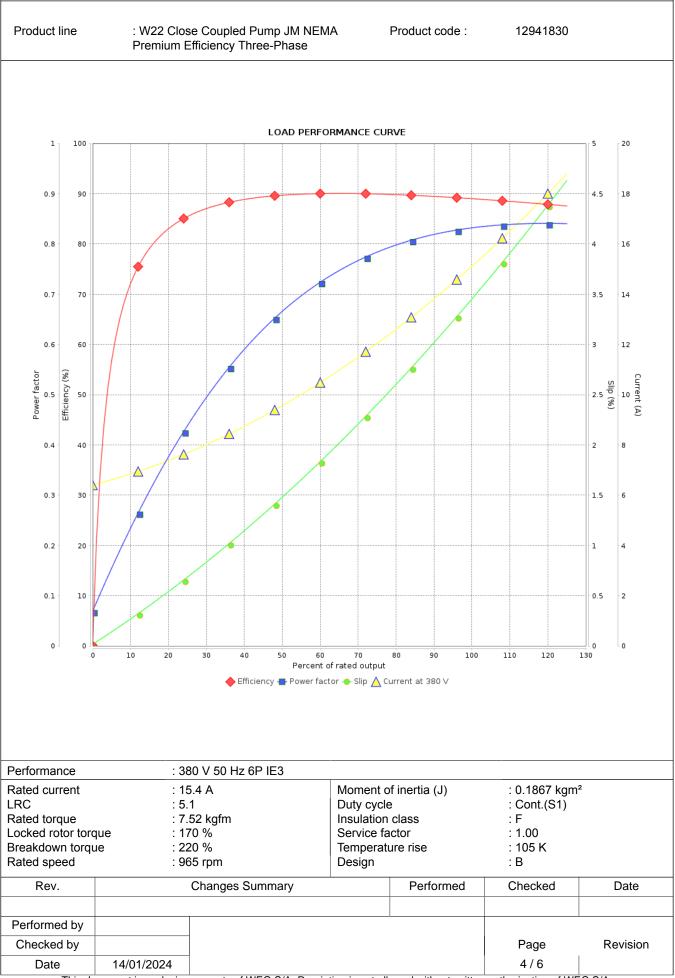
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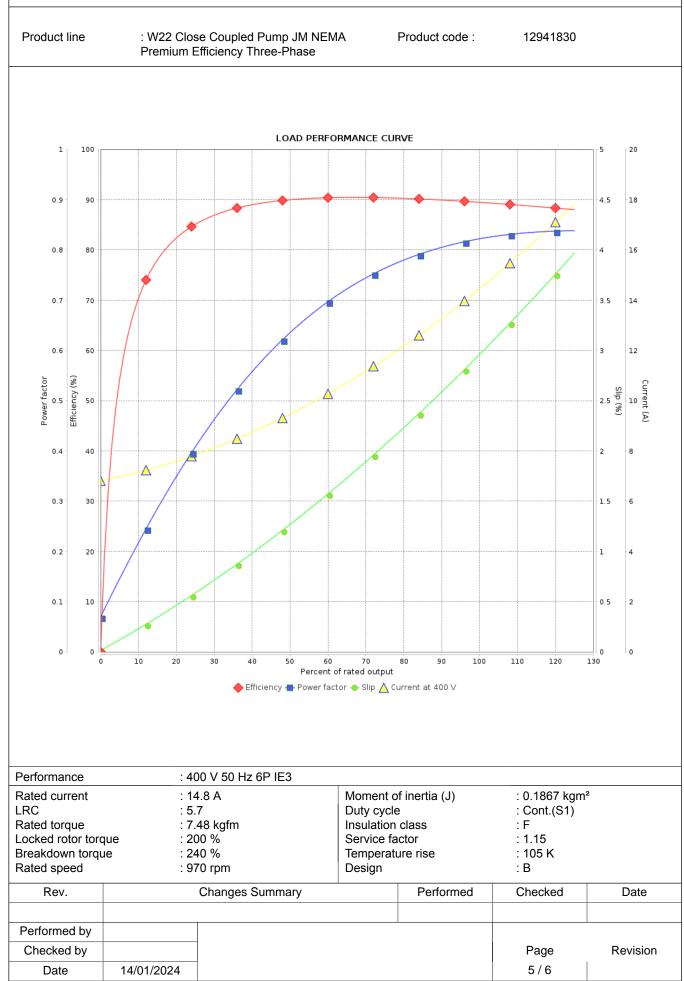


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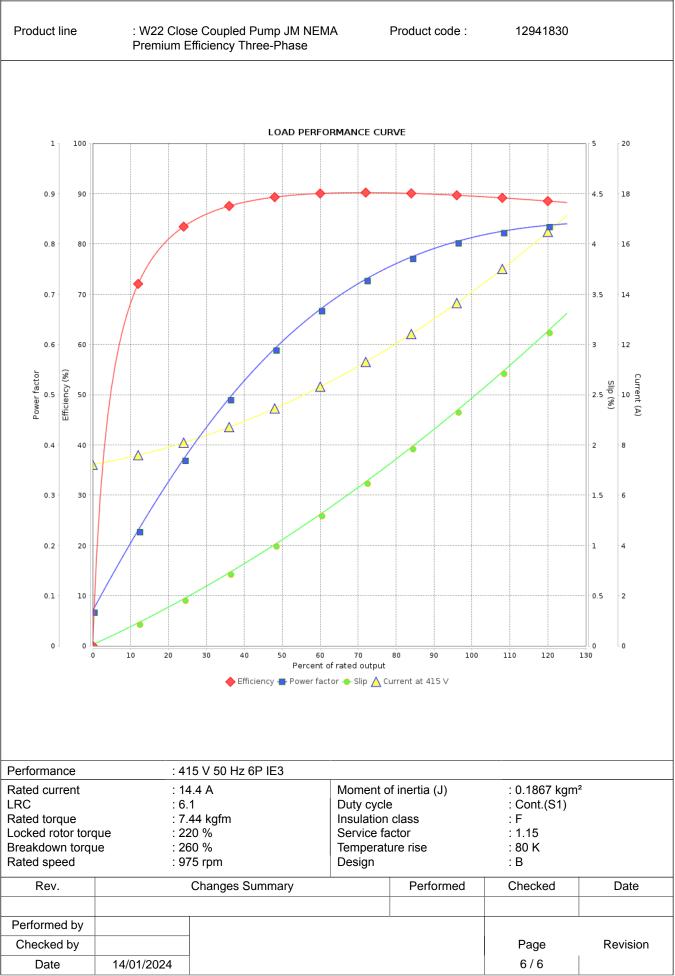
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