DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

Product line	: W22 Bral Three-Pha	ke Motor NEMA Pi ise	remium Et	fficiency	Product code :	13924893	
Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (J)		: 254/6T : 20 HP (15 kW) : 4 : 60 Hz : 575 V : 19.3 A : 133 A : 6.9x(Code H) : 7.68 A : 1770 rpm : 1.67 % : 8.20 kgfm : 240 % : 260 % : F : 1.25 : 0.1305 kgm ² : B		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³		: 54s (cold) 30s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 64.0 dB(A) : Direct On Line : 177 kg	
Output		75% 100%	%	Foundat	tion loads		
Efficiency (%)		92.4 93.0		Max. traction		: 247 kgf	
Power Factor		0.79 0.84		Max. compression		: 424 kgf	
Losses at norma	tive operating poi	nts (speed:torque)	, in perce	ntage of r	ated output power		
P1 (0,9;1,0)	P2 (0,5;1,0)	P3 (0,25;1,0)		,9;0,5)	P5 (0,5;0,5)	P6 (0,5;0,25)	P7 (0,25;0,25)
7.5	6.4	5.8		.6	2.5	1.6	1.1
Bearing type:6309 C3Sealing:V'RingLubrication interval:20000 hLubricant amount:13 gLubricant type:			g h	Non drive end 6209 C3 Lip Seal 20000 h 9 g Mobil Polyrex EM			
Notes:							
must be eliminat (1) Looking the r (2) Measured at (3) Approximate manufacturing p (4) At 100% of fu	ed. notor from the sha 1m and with toler weight subject to rocess.	ance of +3dB(A). changes after			are average values supply, subject to th	e tolerances stipu	
Rev.		Changes Summa	ry		Performed	Checked	Date
Performed by		_					
Checked by						Page	Revision
Date	15/01/2024]				1/3	
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Voltage: 525-575 V Brake Torque: 15.3 kgfm

Rev. Changes Summary Performed Checked Date Performed by Checked by Page Revision 15/01/2024 2/3 Date

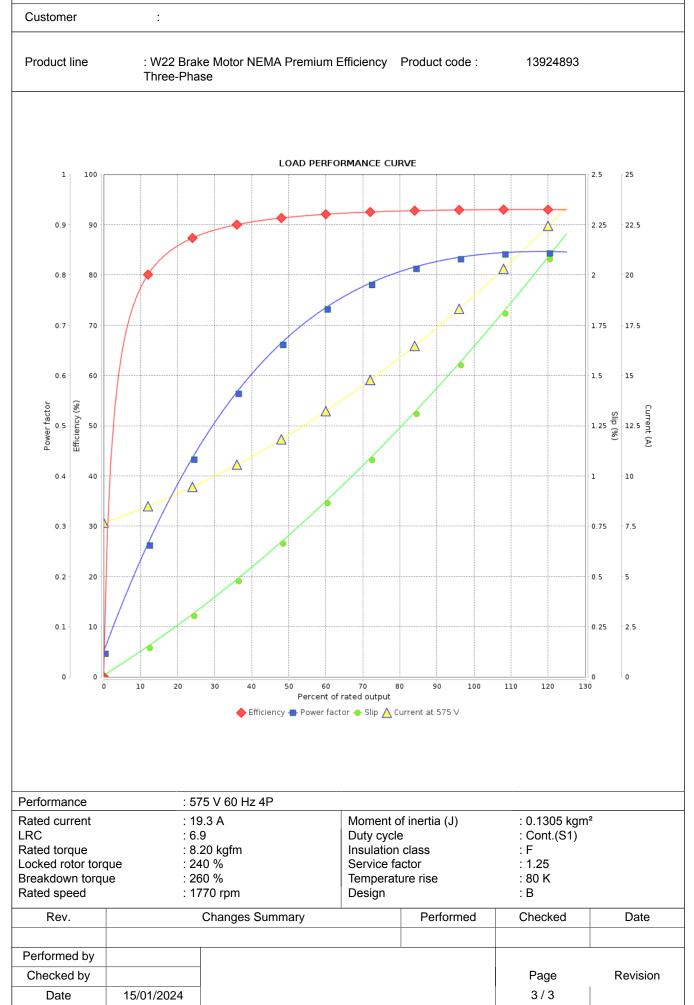
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Brake information

LOAD PERFORMANCE CURVE

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