DATA SHEET

Three Phase Induction Motor - Squirrel Cage

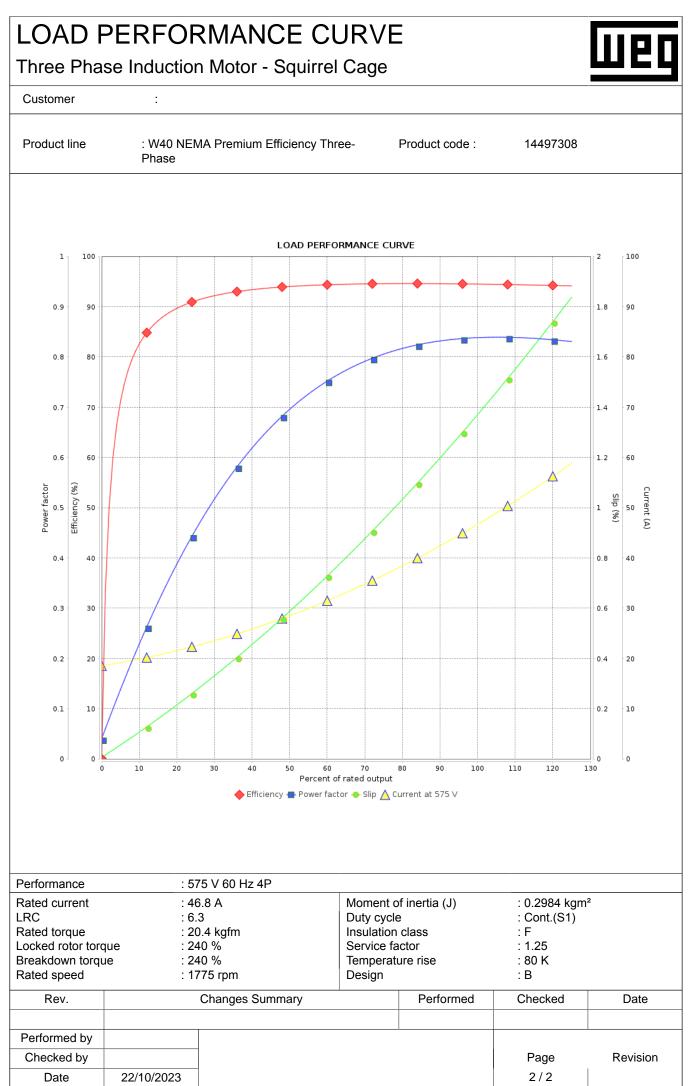
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Customer

Efficiency (%) 94.0 94.1 94.5 94.5 Max. traction Power Factor 0.44 0.70 0.80 0.84 Max. compression Bearing type : 0312 Z C3 6211 Z C3 6211 Z C3 Sealing : 20000 h 20000 h Lubrication interval : 21 g 11 g Lubricant amount : 21 g 11 g Lubricant type : Mobil Polyrex EM Notes Motion replaces and cancel the previous one, which must be eliminated. These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEM (G-1. (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). MG-1.	Product line	: W Pha		Premium E	fficiency Thre	e- Pro	oduct code :	14497308	
Output 25% 50% 75% 100% Efficiency (%) 94.0 94.1 94.5 94.5 Power Factor 0.44 0.70 0.80 0.84 Bearing type : 6312 Z C3 6211 Z C3 Sealing : 20000 h 20000 h Lubrication interval : 20000 h 20000 h Lubrication interval : 20000 h 20000 h Lubrication interval : 11 g Mobil Polyrex EM Notes Mobil Polyrex EM Mobil Polyrex EM Mobil Polyrex EM	Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torc Breakdown torqu Insulation class Service factor Moment of inertia	ue	: 50 : 4 : 60 : 575 : 46.3 : 295 : 6.3 : 18.0 : 177 : 1.3 : 20.4 : 240 : 2	HP (37 kW) Hz 5 V 8 A 5 A x(Code G) 6 A 75 rpm 9 % 4 kgfm) %) %) %		Temperatu Duty cycle Ambient te Altitude Protection Cooling m Mounting Rotation ¹ Noise leve Starting m	ure rise emperature degree ethod ethod	: 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP23 : IC01 - OD : F-1 : Both (CW : 66.0 dB(A : Direct On	-40°C s.l. PP and CCW)
Efficiency (%) 94.0 94.1 94.5 94.5 Max. traction Power Factor 0.44 0.70 0.80 0.84 Max. compression Bearing type : 6312.2 C3 6211 Z C3 Sealing : 20000 h 20000 h Lubrication interval : 20000 h 20000 h Lubricant amount : 21 g Mobil Polyrex EM Notes Motil Polyrex EM Most state and the state a	-	25%	50%	75%	100%	Foundation I	loads		
Bearing type : 6312 Z C3 6212 C3 Sealing : Without Bearing Seal Without Bearing Seal Lubrication interval : 20000 h 20000 h Lubricant amount : 21 g 11 g Lubricant type : Mobil Polyrex EM Notes Mobil Polyrex EM Notes	Efficiency (%)	94.0	94.1	94.5	94.5	Max. tractior	1		
This revision replaces and cancel the previous one, which must be eliminated. These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEN MG-1. (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load. MG-1. Rev. Changes Summary Performed Checked Date Performed by Image: Summary	Sealing Lubrication interval Lubricant amount Lubricant type		: 6312 Z C3 : Without Bearing Seal : 20000 h : 21 g			6211 Z C3 Without Bearing Seal 20000 h 11 g			
(1) Looking the motor from the shaft end. MG-1. (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (3) Approximate weight subject to changes after manufacturing process. MG-1. (4) At 100% of full load. Performed Checked Date Performed by Image: Changes Summary Performed Checked Date	Notes		:			bil Polyrex EN			
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	This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	ed. notor from 1m and wi weight sub ocess.	the shaft e th tolerand pject to cha	end. ce of +3dB(/ anges after	ne, which 4).	These are a power supp	Average values	e tolerances stipu	
Checked by Page Revision	This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	ed. notor from 1m and wi weight sub ocess.	the shaft e th tolerand pject to cha	end. ce of +3dB(/ anges after	ne, which 4).	These are a power supp	Average values	e tolerances stipu	lated in NEMA
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