DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

Efficiency (%) 94.1 94.5 94.5 Max. traction Power Factor 0.70 0.80 0.84 Max. compression Bearing type : 6312.2 C3 6211 Z C3 Sealing : Without Bearing Seal Without Bearing Seal Lubrication interval : 20000 h 20000 h Lubricant amount : 21 g Mobil Polyrex EM Notes Mobil Polyrex EM Motion Max. traction This revision replaces and cancel the previous one, which must be eliminated. These are average values based on tests with sinusoida power supply, subject to the tolerances stipulated in NEM GG-1. (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. (4) At 100% of ful load. Performed Checked Date Performed by	Product line			: W40 NEMA Premium Efficiency Product code : Three-Phase				14497308	
Design : B Output 50% 75% 100% Efficiency (%) 94.1 94.5 94.5 Power Factor 0.70 0.80 0.84 Max. traction Max. compression Bearing type : 6312 Z G 3 6211 Z G 3 Sealing : Without Bearing Seal Without Bearing Seal Lubrication interval : 21 g 11 g Lubrication interval : 21 g 11 g Lubrication interval : 20000 h 20000 h Lubrication type : Mobil Polyrex EM Notes Mobil Polyrex EM Mobil Polyrex EM Notes : : Mobil Searce average values based on tests with sinusoida power supply, subject to the tolerances stipulated in NEM (G-1. (2) Measured at 1m and with tolerance of +3dB(A). : MG-1. (3) Approximate weight subject to changes after manufacturing process. : Performed Date Performed by : : Page Revisio	Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor	que ue	: 324/6T : 50 HP (3 : 4 : 60 Hz : 575 V : 46.8 A : 295 A : 6.3x(Cod : 18.6 A : 1775 rpm : 1.39 % : 20.4 kgfm : 240 % : 240 % : F : 1.25	7 kW) e G) 1	Temperatu Duty cycle Ambient te Altitude Protection Cooling me Mounting Rotation ¹ Noise level Starting me	re rise mperature degree ethod ² ethod	: 80 K : Cont.(S1) : -20°C to + : 1000 m.a.s : IP23 : IC01 - ODI : F-1 : Both (CW : 66.0 dB(A) : Direct On	40°C s.l. P and CCW)	
Efficiency (%) 94.1 94.5 94.5 Max. traction Power Factor 0.70 0.80 0.84 Max. compression Bearing type : 6312 Z C3 6211 Z C3 Sealing : Without Bearing Seal Without Bearing Seal Lubrication interval : 20000 h 20000 h Lubrication interval : 20000 h 20000 h Lubrication interval : 20000 h 20000 h Lubrication interval : 2000 h 20000 h Lubrication interval : 2000 h 20000 h Lubrication interval : 2000 h 20000 h Lubrication interval : 11 g Notes Mobil Polyrex EM Most Notes Most requirements Mex. traction Mission replaces and cancel the previous one, which must be eliminated. Mission replaces and cancel the previous one, which must be eliminated. (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. <td>Design</td> <td></td> <td>: B</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Design		: B						
Bearing type :: G312 Z G3 G211 Z G3 Sealing :: Without Bearing Seal 20000 h Lubrication interval : 20000 h 20000 h Lubricant amount :: 21 g 11 g Notes Mobil Polyrex EM Notes Mobil Polyrex EM Notes Interval Interval This revision replaces and cancel the previous one, which must be eliminated. These are average values based on tests with sinusoida power supply, subject to the tolerances stipulated in NEM () Looking the motor from the shaft end. (2) Measured at th and with tolerance of +3dB(A). MG-1. (3) Approximate weight subject to changes after manufacturing process. MG-1. Rev. Changes Summary Performed Checked Performed by Page Revisio	Output Efficiency (%) Power Factor	94.1	94.5	94.5	Max. tractio	n			
must be eliminated. power supply, subject to the tolerances stipulated in NEM (1) Looking the motor from the shaft end. power supply, subject to the tolerances stipulated in NEM (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 Page Revisio	Lubrication inter Lubricant amoun Lubricant type			20000 h 21 g		20000 h 11 g			
Performed by Performed by Page	 This revision replaces and cancel the previous one, which must be eliminated. (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. 				These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.				
Checked by Page Revisio	Rev.		Change	s Summary		Performed	Checked	Date	
Date 30/10/2024 1/2							Page	Revision	

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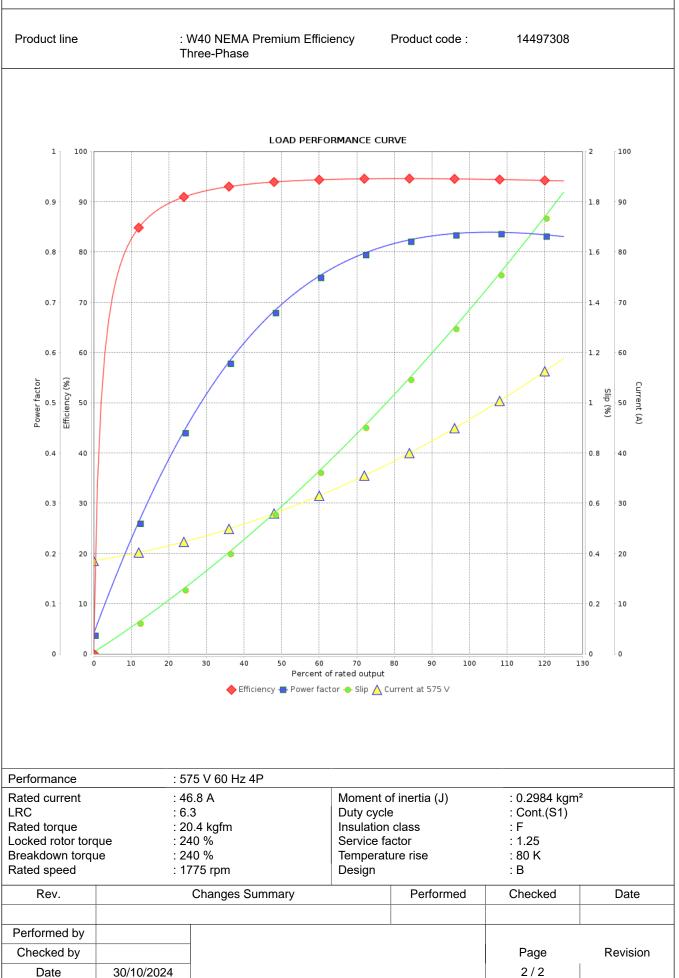
LOAD PERFORMANCE CURVE

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Customer



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