## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

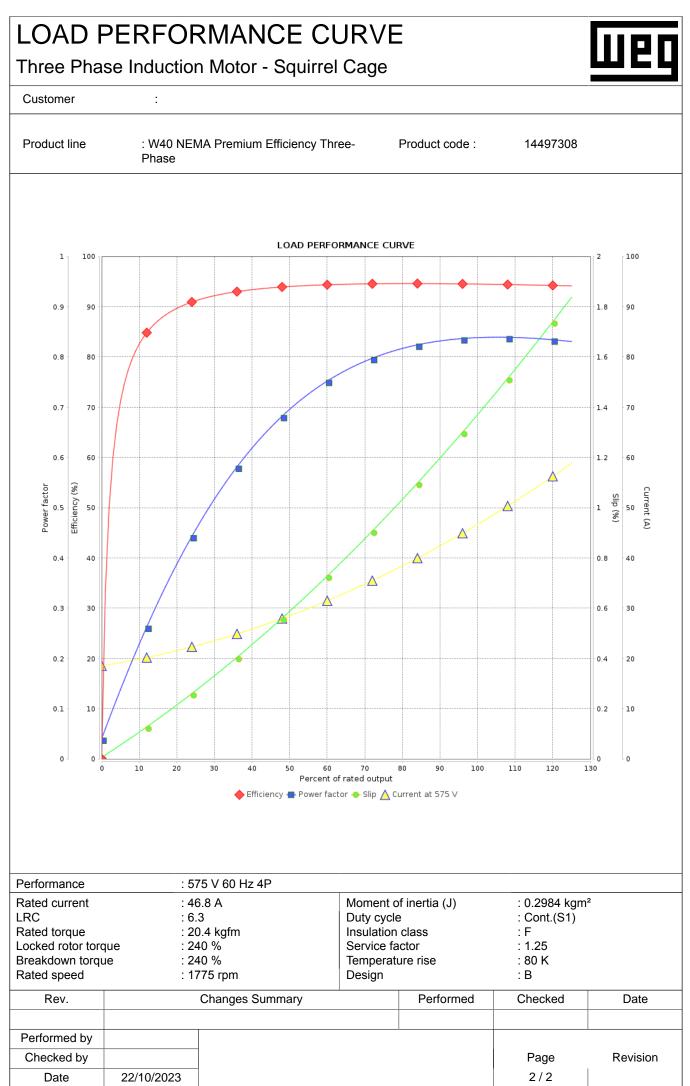
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## Customer

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 <sup>1</sup> 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			
Performed by	This revision repla		: cancel the	previous o	Mol	These are a	A average values		
	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
i ago i revisió	This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful Rev.	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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