## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

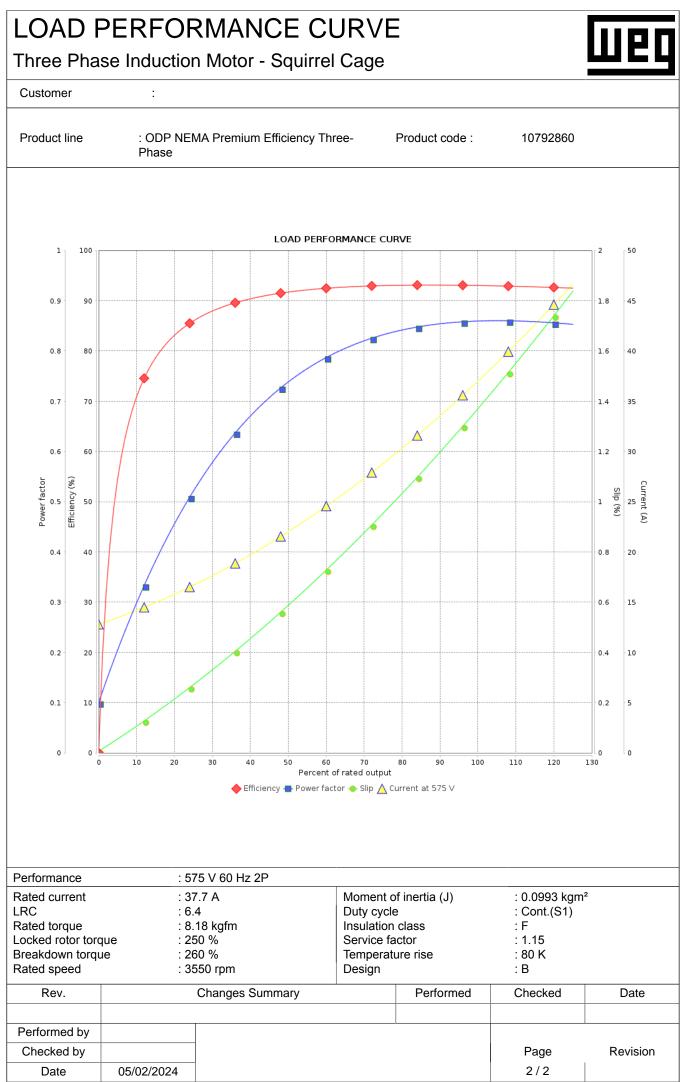
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## Customer

Efficiency (%)  91.5  91.7  93.0  93.0  Max. traction  : 224 kgf    Power Factor  0.49  0.74  0.83  0.86  Max. compression  : 384 kgf    Bearing type  :  6311 Z C3  6211 Z C3  6211 Z C3    Sealing  :  Without Bearing Seal  Without Bearing Seal    Lubrication interval  :  20000 h  20000 h    Lubricant amount  :  18 g  11 g    Lubricant type  :  Mobil Polyrex EM    Notes:  Mobil Polyrex EM		: OI Pha		Premium E	fficiency Thre	e- Pro	oduct code :	10792860	
Efficiency (%)  91.5  91.7  93.0  93.0  Max. traction  :: 224 kgf    Power Factor  0.49  0.74  0.83  0.86  Max. compression  :: 384 kgf    Bearing type  ::  6311 2 C3  6211 2 C3  6211 2 C3    Sealing  ::  20000 h  20000 h  20000 h    Lubrication interval  ::  20000 h  20000 h    Lubricant amount  :  18 g  11 g    Lubricant type  ::  Mobil Polyrex EM    Notes:  Most traction methods 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 over supply, subject to the tolerances stipulated in NEM over supply, subject to the tolerances stipulated in NEM MG-1.    (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.  Performed  Date    Performed by	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	ie	: 40 F : 2 : 60 F : 575 : 37.7 : 241 : 6.4) : 12.8 : 355 : 1.39 : 8.18 : 250 : 260 : F : 1.19 : 1.19 : 0.09	HP (30 kW) Hz A (Code G) A (Code G) A 0 rpm 3 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 : 73.0 dB(A : Direct On	-40°C s.l. PP and CCW)
Efficiency (%)  91.5  91.7  93.0  93.0  Max. traction  :: 224 kgf    Power Factor  0.49  0.74  0.83  0.86  Max. compression  :: 384 kgf    Bearing type  ::  6311 Z C3  6211 Z C3  6211 Z C3  Sealing    Sealing  ::  Without Bearing Seal  Without Bearing Seal  Without Bearing Seal    Lubrication interval  ::  20000 h  20000 h  10 g    Lubricant amount  ::  11 g  Mobil Polyrex EM    Notes:  Mobil Polyrex EM  Mobil Polyrex EM    Notes:  Mobil Polyrex EM  Mocons the shat end.    (2) Measured at 1m and with tolerance of +3dB(A).  (3) Approximate weight subject to changes after manufacturing process.  (4) At 10% of full load.    Rev.  Changes Summary  Performed  Checked  Date    Performed by	-	25%	50%	75%	100%	Foundation	loads		
Drive end Bearing type  Non drive end 6311 Z C3    Sealing  ::  Without Bearing Seal    Lubrication interval  :  20000 h    Lubrication interval  :  20000 h    Lubrication interval  :  18 g    Lubrication interval  :  18 g    Lubrication interval  :  Mobil Polyrex EM    Notes:  Mobil Polyrex EM    Mobil Polyrex EM  Mobil Polyrex EM    Notes:  Mobil Polyrex EM    Mobil Polyrex EM  Mobil Polyrex EM    Notes:  Mobil Polyrex EM    (1) Looking the motor from the shaft end.  (2)    (2) Approximate weight subject to changes after manufacturing process.  Mobil Polyrex EM <t< td=""><td>Efficiency (%)</td><td>91.5</td><td></td><td></td><td></td><td>Max. traction</td><td>n</td><td></td><td></td></t<>	Efficiency (%)	91.5				Max. traction	n		
Bearing type  :  6311 Z C3  6211 Z C3    Sealing  :  Without Bearing Seal  Without Bearing Seal    Lubrication interval  :  20000 h  20000 h    Lubricant amount  :  18 g  11 g    Lubrication interval  :  Mobil Polyrex EM    Notes:  Mobil Polyrex EM    Notes:	Power Factor	0.49	0.74	0.83	0.86	Max. compre	ession	: 384 kgf	
must be eliminated.  power supply, subject to the tolerances stipulated in NEM    (1) Looking the motor from the shaft end.  manufacturing process.    (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    Changes Summary  Performed    Performed by  Image: Changes Summary	Lubrication interv Lubricant amoun Lubricant type		•	20	000 h 18 g		20000 h 11 g	Juan	
Performed by	Notes:								
	This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	ed. otor from m and wit veight sub ocess.	the shaft e th toleranc	end. e of +3dB(/		power supp	average values		
	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. otor from m and wit veight sub ocess.	the shaft e th toleranc oject to cha	end. e of +3dB(/ inges after	۹).	power supp	average values	e tolerances stipu	lated in NEMA
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 Rev.	ed. otor from m and wit veight sub ocess.	the shaft e th toleranc oject to cha	end. e of +3dB(/ inges after	۹).	power supp	average values	e tolerances stipu	lated in NEMA
Date 05/02/2024 1 / 2	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. Performed by	ed. otor from m and wit veight sub ocess.	the shaft e th toleranc oject to cha	end. e of +3dB(/ inges after	۹).	power supp	average values	e tolerances stipu Checked	lated in NEMA

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