DATA SHEET

Three Phase Induction Motor - Squirrel Cage

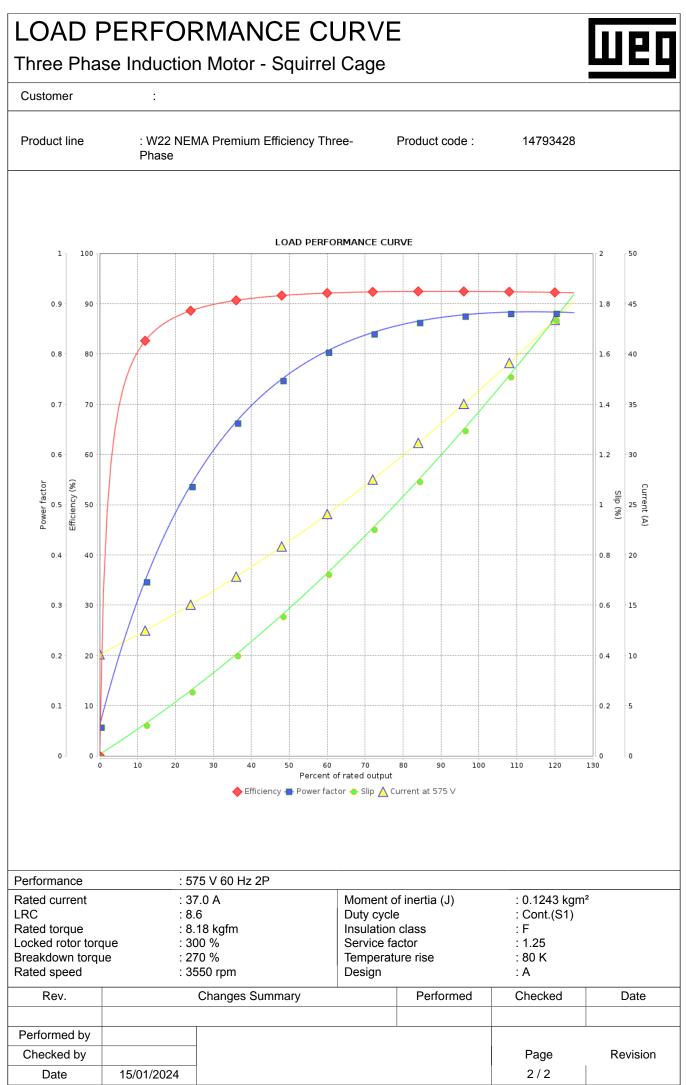
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Customer

Efficiency (%) 0.000 91.7 92.4 92.4 Max. traction : 221 kgf Power Factor 0.00 0.76 0.85 0.88 Max. compression : 411 kgf Bearing type : 6311 C3 6211 C3 Sealing VRing VRing Lubrication interval : 14000 h 17000 h 1000 h 11 g Lubricant amount : 18 g Mobil Polyrex EM Mobil Polyrex EM Notes: Mobil Polyrex EM Mobil Polyrex EM Model to the tolerances stipulated in NEMA MG-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 NEMA MG-1. (2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. MG-1.		: W2 Pha		Premium E	Efficiency Thr	ee- Product code :	14793428	
Output :40 HP (30 kW) Temperature rise :80 k :20 k Frequency :60 Hz Ambient temperature rise :20 k :20 k Rated voltage :575 V Attitude :20 k :20 k :20 k Rated voltage :575 V Attitude :20 k :20 k :20 k Rated voltage :575 V Attitude :20 k :20 k :20 k LR Amperes :318 A Cooling method :1000 m.a.s.l. :1000 m.a.s.l. No load current :10 1 A Rotation immethod :12 cl 41 - TEFC No load current :30 % Starting method :17 cl 43 k Rated speed :3550 rpm Noise level* :12 0 kg Starting method :0 rect On Line Approx. weight* :190 kg Breakdown torque :20 % :0 % Max. traction :22 1 kg f Moment of inertia (J) :0 1243 kgm* Max. compression :411 kgf Bering type : Off 0 .85 0.88 Max. compression :411 kgf Bering type : VRing VRing 1000 h Lubricatin meteral : 18 g 11 0 m :40 k 1 Lubricatin metor form the shaft end. : Mobil Polyrex EM </th <th>Frame</th> <th></th> <th>: 284</th> <th>/6T</th> <th></th> <th>Locked rotor time</th> <th>: 12s (cold)</th> <th>7s (hot)</th>	Frame		: 284	/6T		Locked rotor time	: 12s (cold)	7s (hot)
Poles :2 Duty cycle : Cont.(S1) Reted vortage : 575 V Ambient temperature : 20°C to +40°C Rated vortage : 575 V Attivude : 1000 m.a.s.l. Attivude : 1000 m.a.s.l. Protection degree : IPS5 L, R. Amperes : 318 A Cooling method : IC411 - TEFC No load current : 10.1 A Rotation : Both (CW) and CCW) Nated speed : 3550 rpm Noise level* : 72.0 dB(A) Sip : 1.39 % Starting method : Direct On Line Rated vortor : 1.25 Moment of inertia (J) : 0.1243 gm² Design : A Foundation loads : 190 kg Duty vorting : 270 % insulation class : F Service factor : 0.25% 50% 75% 100% Duty vorting : 270 % insulation class : F Service factor : 0.1243 gm² Wax. craction : 221 kgf Power Factor 0.000 0.76 0.85 0.88 Moment of inerval : 14000 h 17000 h Lubrication interval : 14000 h 17000 h Lubrication interval : 18 g 11 g Lu			: 40 H	HP (30 kW)			. ,
Frequency : 60 Hz Ambient temperature :: 20°C to 40°C Rated voltage : 575 V Attitude :: 20°C to 40°C Rated voltage : 575 V Attitude :: 1000 m.a.s.i. Rated voltage :: 37.0 A Protection degree :: IP55 LR. Amperes :: 318 A Cooling method :: C(211 - TEFC No load current :: 10.1 A Rotation1 :: Both (CW and CCW) Rated speed :: 3550 rpm Noise level* :: 72.0 48(A) Sip :: 1.39 % Starting method :: 100 m.a.s.i. Rated torque :: 8.18 kgfm Approx. weight* :: 190 kg Direct On Line Service factor :: 4.25 Max. compression :: 411 kgf Design :: A :: 4000 h :: 4000 h :: 411 kgf Power Factor 0.00 0.76 0.85 0.84 Max. compression :: 411 kgf Bearing type :: :: 100% Foundation loads :: :: Floitency (%) : : 100% Foundation loads :: :: Sealing :: : : : : : : Dubra to interval <td:< td=""> : : :</td:<>				,	,	· ·	: Cont.(S1)	
Rated voltage : 575 V Altitude : 1000 m.a.s.l. Rated current : 370 A Protection degree : 1P55 L, R, Amperes : 318 A Cooling method : IC411 - TEFC No load current : 10.1 A Rotation1 : Both (Cover) Both (Cover) : Both (Cover)	Frequency		: 60 H	Ηz				
Rated current : 37.0 A Protection degree : IP55 L.R. Amperes : 318 A Cooling method : IC111 - TEFC No load current : 10.1 A Rotation* : Both (CW and CCW) Rated speed : 350 pm Noise level* : 72.0 dB(A) Slip : 139 % Starting method : Direct On Line Rated speed : 300 % Starting method : Direct On Line Rated torque : 20% Starting method : Direct On Line Rated torque : 300 % Starting method : Direct On Line Receive factor : 1.25 Moment of inertia (J) : Direct Agen* Dutput 25% 50% 75% 100% Efficiency (%) 0.000 0.76 0.85 0.88 Max. traction : 221 kgf 221 kgf Max. traction Power Factor 0.00 0.76 0.85 0.88 Lubrication interval : 14000 h 17000 h 110 g Lubrication interval : 14000 h 17000 h 100 g Lubrication interval : 18 g <td></td> <td></td> <td>: 575</td> <td>V</td> <td></td> <td></td> <td></td> <td></td>			: 575	V				
L.R.Amperes : 318 A . Cooling method ::C411 - TEFC Mounting ::F-1 Moundary ::Both (CW and CCW) Rated speed ::3550 rpm Noise level* ::20 dB(A) Starting method ::Direct On Line Rated torque ::300 % Starting method ::Direct On Line Approx. weight* ::190 kg Direct On Line Approx. weight* ::190 kg Direct On Line Rated torque ::270 % Insulation class ::F Service factor ::1.25 Moment of method (J) ::0.1243 kgm* Design ::A Doutput 25% 50% 75% 100% Foundation loads Max. compression ::411 kgf Design ::A Doutput 25% 50% 75% 100% Foundation loads Max. compression ::411 kgf Nobil Polyrex EM Nobil Polyrex EM Notes: Nobel Polyrex EM Nobil Polyrex EM Notes :: Nobel Polyrex EM Notes : Page Revision Polyrex EM Notes : Page Revision Polyrex EM Notes : Page Revision Polyrex EM Page Revision Polyrex EM Notes : Page Revision Polyrex EM Page Revision Polyrex : Page Revision Polyrex : Page Revision Polyrex : Page R								
LRC ::8.6x(Code J) Mounting :F-1 No load current ::10.1 A Rotation1 ::Both (CW and CCW) Rated speed ::3560 rpm Noise level ² :72.0 dB(A) Sip :1.39 % Starting method :Direct On Line Rated torour torque ::20 % Starting method :Direct On Line Approx. weight ³ ::190 kg : :Starting method :Direct On Line Approx. weight ³ ::21 kgf : :Starting method :Starting method Dutput 25% 50% 75% 100% Foundation loads Efficiency (%) 0.000 91.7 92.4 92.4 Max. compression :211 kgf Power Factor 0.00 0.76 0.85 0.88 Max. compression :211 kgf Dutput 25% 50% 75% 100% Max. compression :211 kgf Dutput 25% 50% 75% 100% Max. compression :211 kgf Dutput 25% 50% 75% 100% Foundation loads Efficiency (%) 0.000 0.76 0.85 0.88 Max. compression :211 kgf Lubrication interval : 14000 h :17000 h								FC
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Rated speed :: 3550 rpm Noise level* :: 72.0 dB(A) Sip :: 1.39 % Starting method :: 190 kg Rated forque :: 300 % Breakdown forque :: 120 kg Breakdown forque :: 270 % Insulation class :: F Service factor :: 1.25 Moment of inertia (J) :: 0.1243 kgm² Design :: A Max. traction :: 221 kgf Dutput 25% 50% 75% 100% Foundation loads Efficiency (%) 0.00 91.7 92.4 92.4 Max. traction :: 221 kgf Power Factor 0.00 0.76 0.85 0.88 Max. compression : 411 kgf Bearing type : 0311 C3 6211 C3 VRing Ubrcation interval : 18 g 11 g Lubrication interval : 14000 h 17000 h 17000 h . . Lubrication interval : 18 g 11 g . . . Votes: : : Mobil Polyrex EM 20.2 (Masured at mand with lochra				• • •				and CCW)
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