## DATA SHEET

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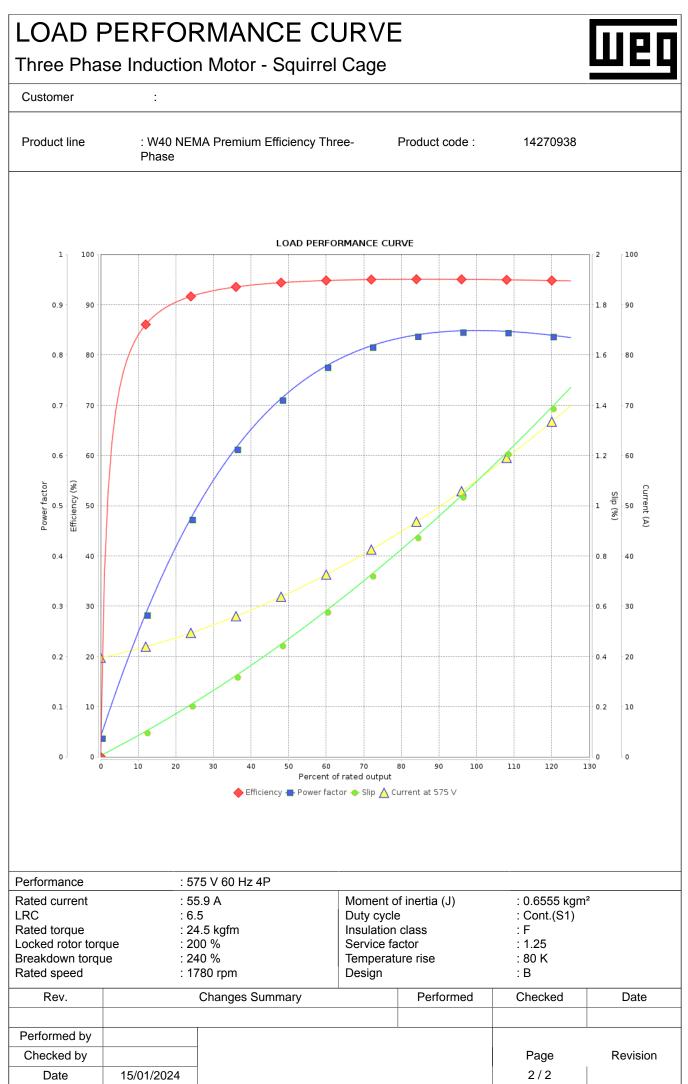
Three Phase Induction Motor - Squirrel Cage



## Customer

Efficiency (%)   94.4   94.5   95.0   95.0   0.85   Max. traction   : 491 kgf     Power Factor   0.48   0.73   0.82   0.85   Max. compression   : 828 kgf     Bearing type   :   0.814 C3   6212 Z C3   Sealing   Sealing   Without Bearing Seal     Lubrication interval   :   20000 h   20000 h   20000 h     Lubricant amount   :   2.7 g   13 g     Lubricant type   :   Mobil Polyrex EM     Notes:   Mobil Polyrex EM     This revision replaces and cancel the previous one, which must be eliminated.   These are average values based on tests with sinusoid power supply, subject to the tolerances stipulated in NE MG-1.     (2) Measured at tm and with tolerance of +3dB(A).   (3) Approximate weight subject to changes after manufacturing process.     (4) At 10% of full load.   Environment   Performed   Checked   Date	Product line	: W Pha		Premium Ef	ficiency Thre	e- Pr	roduct code :	14270938	
Efficiency (%)   94.4   94.5   95.0   95.0   Max. traction   : 491 kgf     Power Factor   0.48   0.73   0.82   0.85   Max. compression   : 828 kgf     Bearing type   :   0.814 C3   6212 Z C3   Sealing   Sealing   Without Bearing Seal     Lubrication interval   :   20000 h   20000 h   13 g     Lubricant amount   :   27 g   13 g     Lubricant type   :   Mobil Polyrex EM     Notes:   Mosil replaces and cancel the previous one, which must be eliminated.   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).   Again and with tolerance stipulated in NE MG-1.     (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.   Performed   Checked   Date     Performed by	Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor Moment of inerti	ue	: 60 H : 4 : 60 H : 5755 : 555 : 3633 : 6.5 : 19.8 : 178 : 1.11 : 24.9 : 2000 : 2400 : F : 1.29 : 0.65	HP (45 kW) Hz 5 V 9 A 8 A x(Code G) 8 A 30 rpm 1 % 5 kgfm 9 % 9 %		Temperat Duty cycle Ambient t Altitude Protectior Cooling m Mounting Rotation <sup>1</sup> Noise leve Starting n	ture rise e temperature n degree nethod el <sup>2</sup> nethod	: 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP23 : IC01 - OD : F-1 : Both (CW : 69.0 dB(A : Direct On	40°C s.l. P and CCW)
Efficiency (%)   94.4   94.5   95.0   95.0   Max. traction   : 491 kgf     Power Factor   0.48   0.73   0.82   0.85   Max. compression   : 828 kgf     Bearing type   :   6314 C3   6212 Z C3   Sealing   Sealing   : 20000 h   20000 h     Lubrication interval   :   20000 h   20000 h   13 g     Lubricant amount   :   27 g   13 g     Lubricant type   :   Mobil Polyrex EM     Notes:   Mosil revision replaces and cancel the previous one, which must be eliminated.   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).   GA-1.     (3) Approximate weight subject to changes after manufacturing process.   (4) At 10% of full load.   Performed   Checked   Date     Performed by	-	25%	50%	75%	100%	Foundation	loads		
Bearing type   :   6314 C3   6212 Z C3     Sealing   :   Without Bearing Seal   Without Bearing Seal     Lubrication interval   :   20000 h   20000 h     Lubrication interval   :   27 g   13 g     Lubrication trepaces   Mobil Polyrex EM     Notes:   Mobil Polyrex EM     Notes:	Efficiency (%)	94.4	94.5	95.0	95.0	Max. tractio	on	0	
must be eliminated.   power supply, subject to the tolerances stipulated in NE     (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   Performed by   Performed   Checked   Date	Sealing Lubrication inter Lubricant amour			Without B 200	earing Seal )00 h	V	Nithout Bearing 20000 h	Seal	
Performed by			:			bil Polyrex El			
	Notes: This revision repl must be eliminate (1) Looking the m (2) Measured at 2 (3) Approximate v manufacturing pro-	ed. notor from 1m and wi weight sub rocess.	the shaft e	end. e of +3dB(A	ne, which	These are power supp	M average values		
	Notes: This revision repl must be eliminate (1) Looking the m (2) Measured at 7 (3) Approximate v manufacturing pr (4) At 100% of fu	ed. notor from 1m and wi weight sub rocess.	the shaft e th toleranc pject to cha	end. e of +3dB(A anges after	ne, which	These are power supp	M average values ply, subject to th	e tolerances stipu	
	Notes: This revision repl must be eliminate (1) Looking the m (2) Measured at 2 (3) Approximate v manufacturing pri (4) At 100% of fu Rev.	ed. notor from 1m and wi weight sub rocess.	the shaft e th toleranc pject to cha	end. e of +3dB(A anges after	ne, which	These are power supp	M average values ply, subject to th	e tolerances stipu	lated in NEMA
Checked by Page Revisi   Date 15/01/2024 1 / 2	Notes: This revision repl must be eliminate (1) Looking the m (2) Measured at - (3) Approximate w manufacturing pr (4) At 100% of fu Rev. Performed by	ed. notor from 1m and wi weight sub rocess.	the shaft e th toleranc pject to cha	end. e of +3dB(A anges after	ne, which	These are power supp	M average values ply, subject to th	e tolerances stipu Checked	lated in NEMA

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