DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Efficiency (%) 82.0 84.5 85.0 Max. traction : 67 kgf Power Factor 0.66 0.77 0.82 Max. compression : 112 kgf Bearing type : 6307 ZZ 6207 ZZ Sealing Sealing : . - - Lubrication interval : - - - Lubricant amount : - - - Lubricant type : Mobil Polyrex EM Notes		Product line : Saw Arbor Motor Standa Efficiency Three-Phase			Product code :	14381273	
Efficiency (%) 82.0 84.5 85.0 Max. traction : 67 kgf Power Factor 0.66 0.77 0.82 Max. compression : 112 kgf Bearing type : 6307 ZZ 6207 ZZ Sealing Sealing : Without Bearing Seal Without Bearing Seal Lubrication interval : - - Lubrication type : Mobil Polyrex EM Notes Mobil Polyrex EM Notes : - 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 1m and with tolerance of +3dB(A). : MG-1. (2) At 100% of full load. Weath changes Summary Performed Chacked Date Performed by : : : : : :	Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torqu Insulation class Service factor Moment of inerti	ue	: 5 HP (3.7 : 2 : 60 Hz : 575 V : 5.32 A : 42.5 A : 8.0 : 2.30 A : 3470 rpm : 3.61 % : 1.05 kgfm : 340 % : 409 % : F : 1.15 : 0.0041 kg	n	Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method	: 80 K : S6 : -20°C to +4 : 1000 m.a.s : IP54 : IC411 - TEI : B3R(D) : CCW : 62.0 dB(A) : Direct On L	40°C s.l. FC
Efficiency (%) 82.0 84.5 85.0 Max. traction : 67 kgf Power Factor 0.66 0.77 0.82 Max. compression : 112 kgf Bearing type : 6307 ZZ 6207 ZZ Sealing Sealing : Without Bearing Seal Without Bearing Seal Lubrication interval : - - Lubrication mount : - - Lubrication type : Mobil Polyrex EM Notes Mobil Polyrex EM Notes Mobil Polyrex EM Notes Max. traction : 67 kgf Max. compression : - - Lubrication interval : - - Lubrication type : Mobil Polyrex EM Notes : : - Changes 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). : : (4) At 10% of full load. : : : Rev. Changes Summary	Output	50%	75%	100%	Foundation loads		
Bearing type : 6307 ZZ 6207 ZZ Sealing : Without Bearing Seal Without Bearing Seal Lubrication interval : - - Lubrication interval : - - Lubricant amount : . - Lubricant type : Mobil Polyrex EM Notes Mobil Polyrex EM Notes 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 (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). G3.42 (3) Approximate weight subject to changes after manufacturing process. MG-1. Rev. Changes Summary Performed Checked Date Performed by	Efficiency (%) Power Factor	82.0	84.5	85.0	Max. traction	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	Bearing type:6307 ZZSealing:Without Bearing SealLubrication interval:-Lubricant amount:-			6207 ZZ Without Bearing Seal - -			
(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. Rev. Changes Summary Performed by	Lubricant type	nt	: :	- Mol	- bil Polyrex EM		
Performed by	Lubricant type Notes This revision repl must be eliminate	aces and ca	-		These are average values		
	Lubricant type Notes This revision repl must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	laces and c ed. notor from t 1m and with weight subj ocess.	he shaft end. h tolerance of -	ious one, which +3dB(A).	These are average values power supply, subject to the supply		
Checked by Page Revis	Lubricant type Notes This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev.	laces and c ed. notor from t 1m and with weight subj ocess.	he shaft end. n tolerance of - ect to changes	ious one, which +3dB(A). s after	These are average values power supply, subject to the MG-1.	ne tolerances stipu	
Date 28/10/2024 1/2	Lubricant type Notes This revision repl must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev. Performed by	laces and c ed. notor from t 1m and with weight subj ocess.	he shaft end. n tolerance of - ect to changes	ious one, which +3dB(A). s after	These are average values power supply, subject to the MG-1.	ne tolerances stipu Checked	lated in NEMA

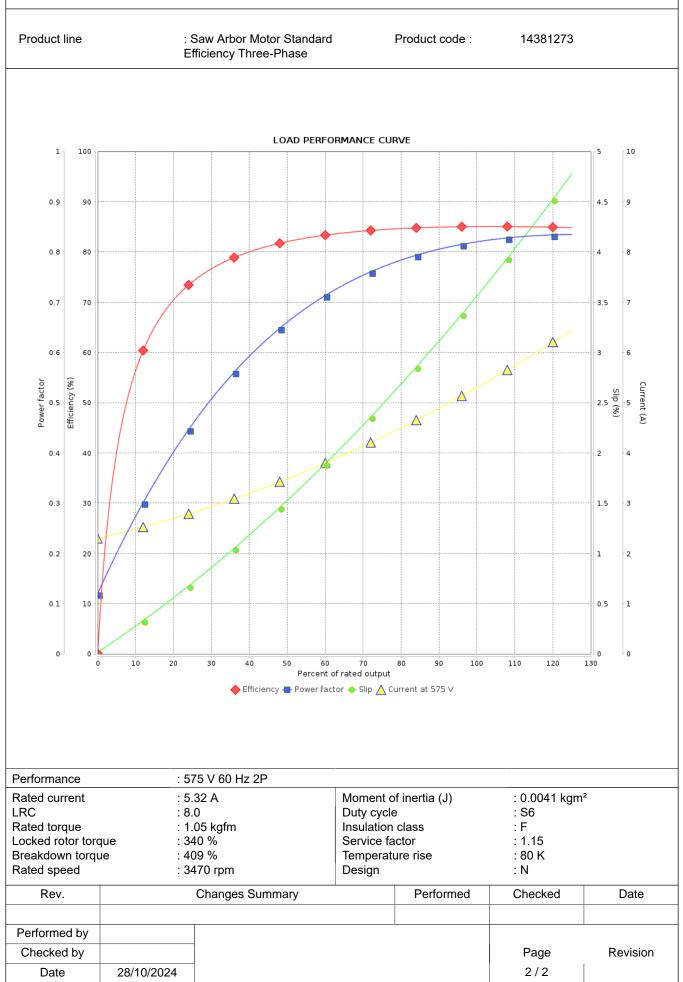
LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

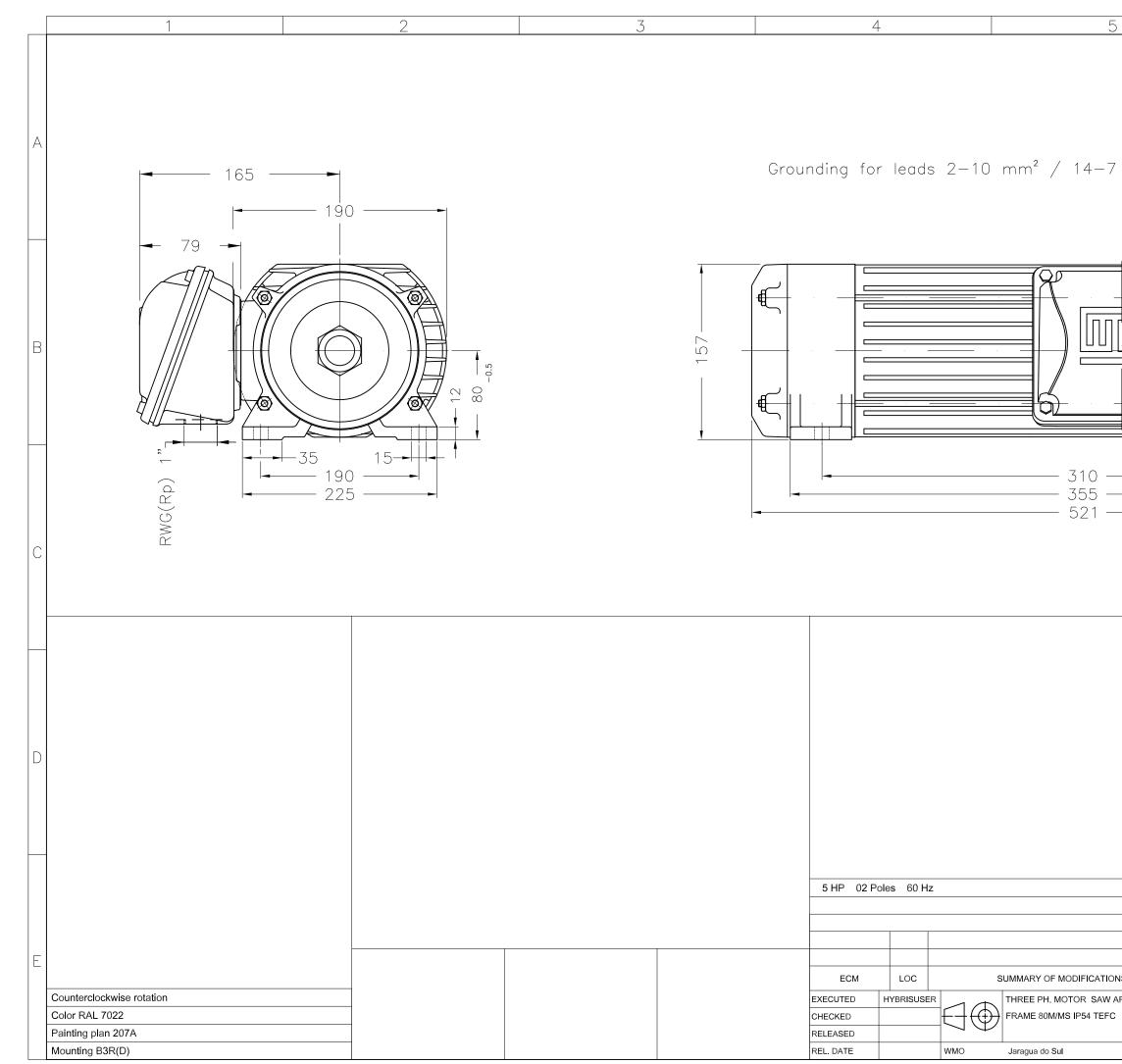
:



Customer



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice



WEG's property. Forbidden reproduction without previous authorization.

)			6			
		9 ⁰ .0 ² 0		M30x3.5 (Right)	¢120	Dimensions in mm
					A	
НҮВГ	RISUSER				00	
	CUTED	CHECKED	RELEASED	DATE	VER	
ARBOR MOTOR		PREVI	EW	115		e
Product Engin	eering	WDD SHEET	00	ШЕ		XME A3