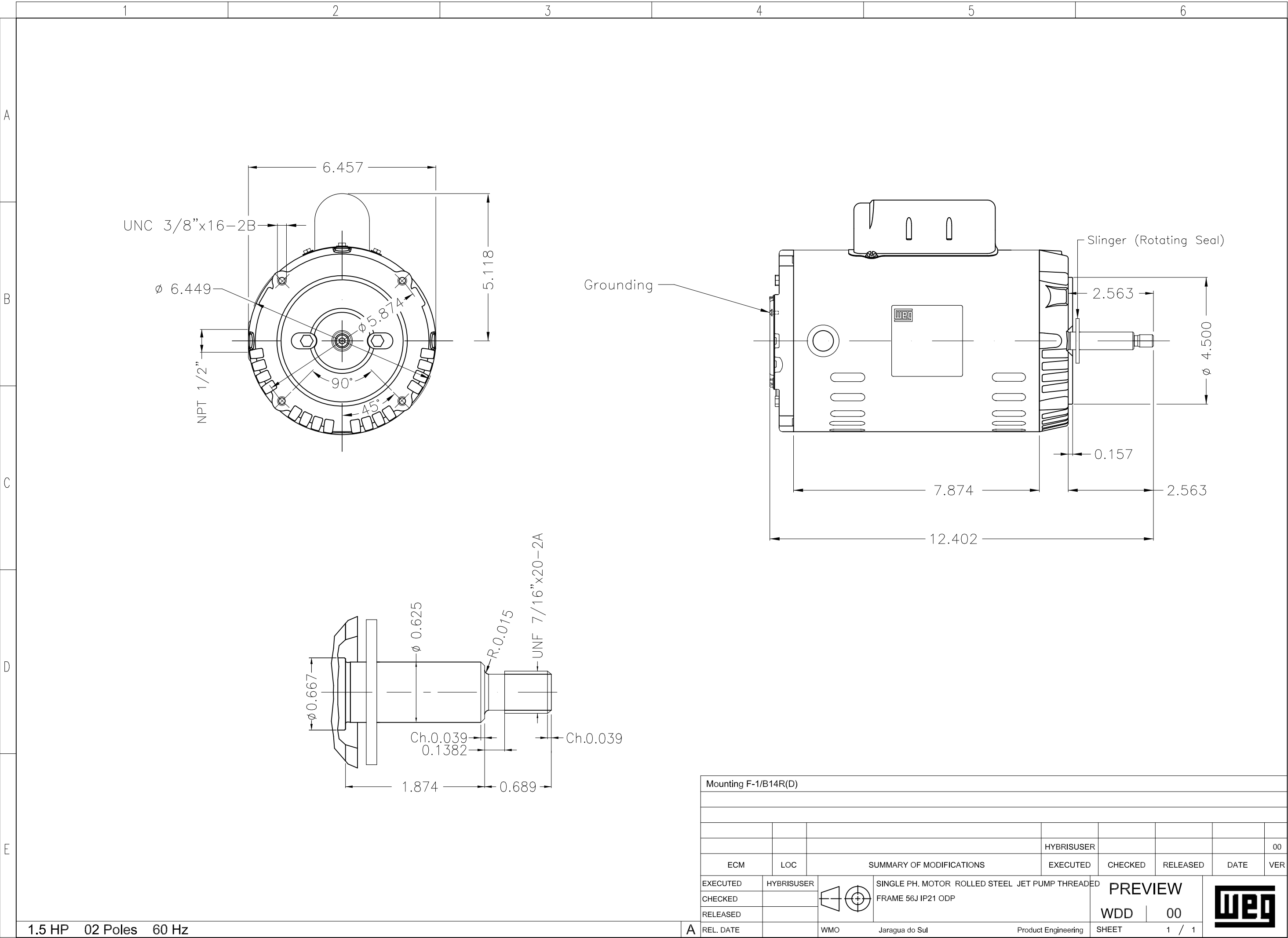


DATA SHEET



Single Phase Induction Motor - Squirrel Cage

Customer : _____																							
Product line : Rolled Steel Jet Pump - J type Single-Phase			Product code : 13665158																				
			Catalog # : 00156OS1BJPR56J-S																				
Frame : 56J Output : 1.5 HP (1.1 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 115/208-230 V Rated current : 17.3/9.51-8.63 A L. R. Amperes : 126/69.4-63.0 A LRC : 7.3x(Code L) No load current : 11.0/4.74-5.50 A Rated speed : 3500 rpm Slip : 2.78 % Rated torque : 2.25 ft.lb Locked rotor torque : 250 % Breakdown torque : 270 % Insulation class : F Service factor : 1.30 Moment of inertia (J) : 0.0589 sq.ft.lb Design : L			Locked rotor time : 10s (cold) 6s (hot) Temperature rise : 80 K Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Cooling method : IC01 - ODP Mounting : F-1 Rotation ¹ : CCW Noise level ² : 58.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 30.4 lb																				
Output	25%	50%	75%	100%	Foundation loads Max. traction : 44 lb Max. compression : 75 lb																		
Efficiency (%)	63.0	65.0	70.0	72.0																			
Power Factor	0.33	0.57	0.69	0.77																			
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;"><u>Drive end</u></th> <th style="text-align: center;"><u>Non drive end</u></th> </tr> </thead> <tbody> <tr> <td>Bearing type :</td> <td style="text-align: center;">6203 2RS</td> <td style="text-align: center;">6202 2RS</td> </tr> <tr> <td>Sealing :</td> <td style="text-align: center;">Without Bearing Seal</td> <td style="text-align: center;">Without Bearing Seal</td> </tr> <tr> <td>Lubrication interval :</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Lubricant amount :</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Lubricant type :</td> <td colspan="2" style="text-align: center;">Mobil Polyrex EM</td> </tr> </tbody> </table>							<u>Drive end</u>	<u>Non drive end</u>	Bearing type :	6203 2RS	6202 2RS	Sealing :	Without Bearing Seal	Without Bearing Seal	Lubrication interval :	-	-	Lubricant amount :	-	-	Lubricant type :	Mobil Polyrex EM	
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Notes																							
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). (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load.			These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.																				
Rev.	Changes Summary		Performed	Checked	Date																		
Performed by																							
Checked by																							
Date	11/10/2023			Page 1 / 1	Revision																		





MADE IN BRAZIL

MAT: 13665158

W01.1JMO0IC0X0X

MODEL 001560S1BJPR56J-S

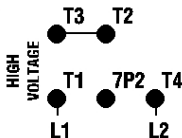
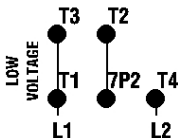
04OCT2023 B/N:

Thermally Protected

PH 1	Hz 60	HP 1.5
FR 56J		kW 1.1
DUTY CONT.		V 115/230
ALT 1000 m.a.s.l		A 17.3/8.63
INS CL F ΔT 80K		SFA 22.2/11.1
AMB 40°C	DES L	SF 1.30
ENCL ODP	CODE L	PF 0.77
		RPM 3500
		NEMA
		NOM. EFF 72.0%

Electric Motor

DE 6203-2RS	ODE 6202-2RS	MOBIL POLYREX EM	
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T1 – BLU
T2 – WHT
T3 – ORG
T4 – YEL
7P2 – BRW



WARNING: Motor must be grounded in accordance with local and national electrical codes to prevent serious electrical shocks. Disconnect power source before servicing unit.



AVERTISSEMENT: Le moteur doit être mis à la terre conformément aux codes électriques locaux et nationaux afin d'éviter tout choc électrique grave. Déconnectez l'alimentation avant l'entretien de la machine.

