DATA SHEET

Three Phase Induction Motor - Squirrel Cage

Customer	:

Product line	: Jet Pump - J type Standard Efficiency Three-Phase	Product code :	13979067

Frame	: 56J	Cooling method	: IC411 - TEFC
Insulation class	: F	Mounting	: F-1
Duty cycle	: Cont.(S1)	Rotation¹	: CCW
Ambient temperature	: -20°C to +40°C	Starting method	: Direct On Line
Altitude	: 1000 m.a.s.l.	Approx. weight³	: 11.3 kg
Protection degree	: IP55	Moment of inertia (J)	: 0.0027 kgm²

Output [HP]		0.75
Poles		4
Frequency [Hz]		60
Rated voltage [V]		575
Rated current [A]		0.976
L. R. Amperes [A]		6.73
LRC [A]		6.9x(Code K)
No load current [A]		0.720
Rated speed [RPM]		1755
Slip [%]		2.50
Rated torque [kgfm]		0.310
Locked rotor torque [%]		240
Breakdown torque [%]		300
Service factor		1.15
Temperature rise		80 K
Locked rotor time		30s (cold) 17s (hot)
Noise level²		52.0 dB(A)
Efficiency (%)	25%	
	50%	72.0
	75%	77.0
	100%	78.5
Power Factor	25%	
	50%	0.48
	75%	0.61
	100%	0.72

		Drive end	Non drive end
Bearing type	:	6203 2RS	6202 2RS
Sealing	:	V'Ring	V'Ring
Lubrication interval	:	-	-
Lubricant amount	:	-	-
Lubricant type	:	Mobil Polyrex EM	

Foundation loads

Max. traction : 24 kgf

Max. compression : 35 kgf

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

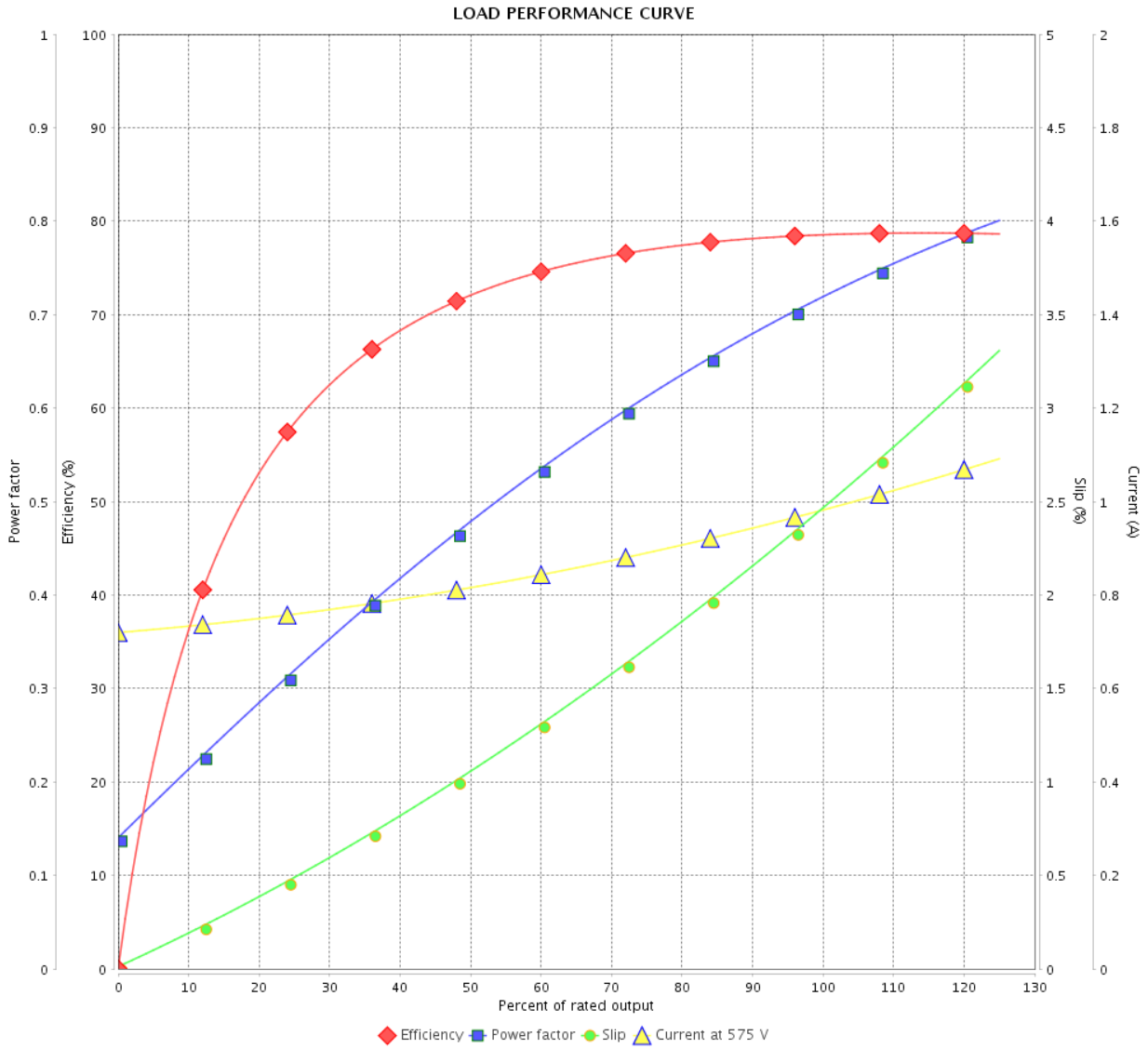
Performed by				
Checked by			Page	Revision
Date	11/05/2022		1 / 2	

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

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer	:		
Product line	: Jet Pump - J type Standard Efficiency Three-Phase	Product code :	13979067

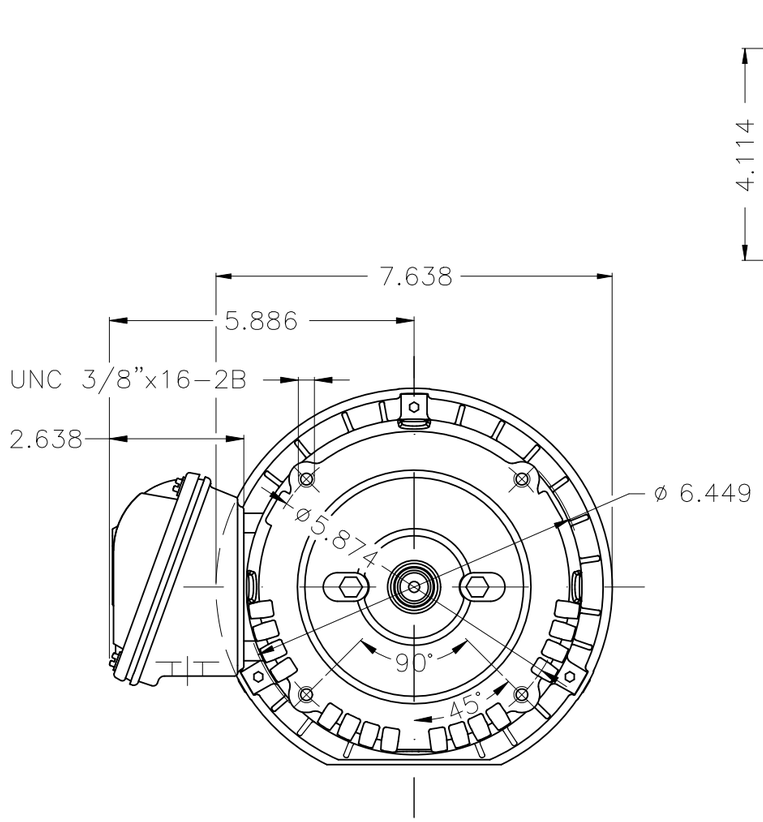


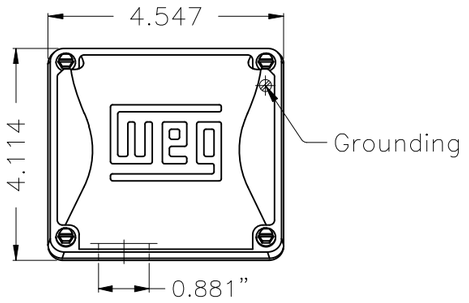
Performance	: 575 V 60 Hz 4P		
Rated current	: 0.976 A	Moment of inertia (J)	: 0.0027 kgm²
LRC	: 6.9	Duty cycle	: Cont.(S1)
Rated torque	: 0.310 kgfm	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.15
Breakdown torque	: 300 %	Temperature rise	: 80 K
Rated speed	: 1755 rpm		

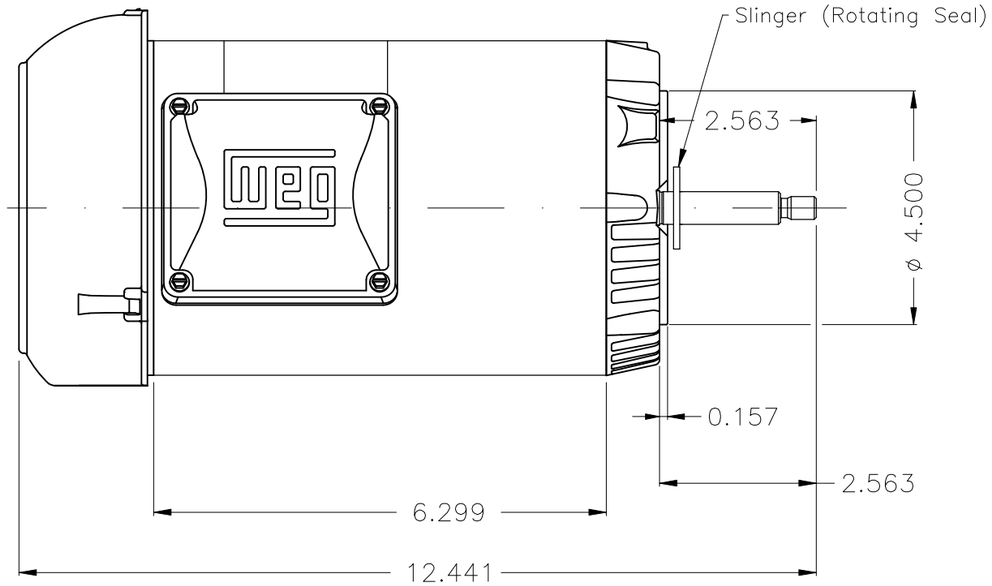
Rev.	Changes Summary	Performed	Checked	Date

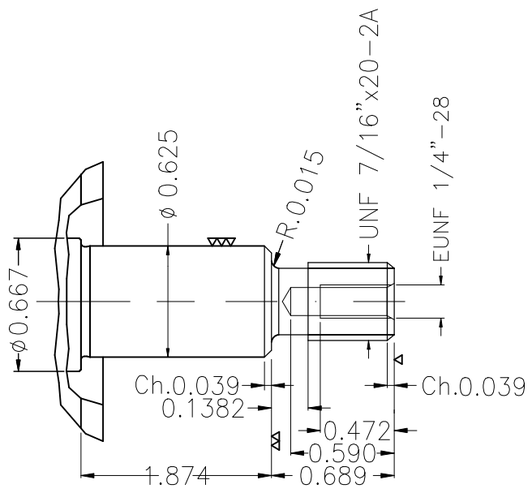
Performed by				
Checked by			Page	Revision
Date	11/05/2022		2 / 2	

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









			HYBRISUSER				00
ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER

Color Munsell N 1 matte black

Painting plan 207N

Mounting F-1/B14R(D)

EXECUTED	HYBRISUSER	THREE PH. MOTOR ROLLED STEEL JET PUMP THREADED	PREVIEW	
CHECKED		FRAME 56J IP55 TEFC	WDD	00
RELEASED				
REL. DATE		WMO Jaragua do Sul Product Engineering	SHEET	1 / 1

0.75 HP 04 Poles 60 Hz

A

Dimensions in inches

XME A3

WEG's property. Forbidden reproduction without previous authorization.