

# DATA SHEET

## Single Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 - TEFC Farm Duty - Standard Efficiency Product code : 19101708

Frame	: 56	Locked rotor time	: 8 s (hot) 14 s (cold)
Output	: 1 HP (0.75 kW)	Temperature rise	: 80 K
Poles	: 4	Duty cycle	: S1
Frequency	: 60 Hz	Ambient temperature	: -20 °C to +40 °C
Rated voltage	: 115/230 V	Altitude	: 3280 ft
Rated current	: 13.6/6.80 A	Protection degree	: IP55
L. R. Amperes	: 91.1/45.6 A	Cooling method	: IC411 - TEFC
LRC	: 6.7	Mounting	: F-1/B3R(D)
No load current	: 9.60/4.80 A	Rotation <sup>1</sup>	: Both
Rated speed	: 1745 rpm	Noise level <sup>2</sup>	: 54.0 dB(A)
Slip	: 3.06 %	Vibration class	: A
Rated torque	: 2.97 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 280 %	Approx. weight <sup>3</sup>	: 33.1 lb
Pull up torque	: 235 %	Painting plan	: 207N
Breakdown torque	: 270 %	Color	: RAL 3003
Insulation class	: F	Design	: L
Service factor	: 1.15		
Moment of inertia (J)	: 0.1044 sq.ft.lb		

Output	50%	75%	100%	Load type	: -
Efficiency (%)	62.0	68.0	71.0	Load torque	: -
Power Factor	0.48	0.60	0.68	Load inertia (J=GD <sup>2</sup> /4)	: -

Bearing type	Drive end	Non drive end	Foundation loads	
	6204-2RS	6202-2RS		Max. traction
Lubrication interval	-	-	Max. compression	: -
Lubricant amount	-	-		
Lubricant type	MOBIL POLYREX EM			

Notes  
See notes on page 2.

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 be changed after manufacturing process.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG 1-12.

Rev.	Changes Summary		Rev.	Checked	Date
	Performed by	janinnes	1815969342		
	Checked by	AUTOMATICO	Page		Rev.
	Date	20/02/2026	1 / 2		0

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Thermal protection ID	Application	Type	Quantity	Sensing Temperature
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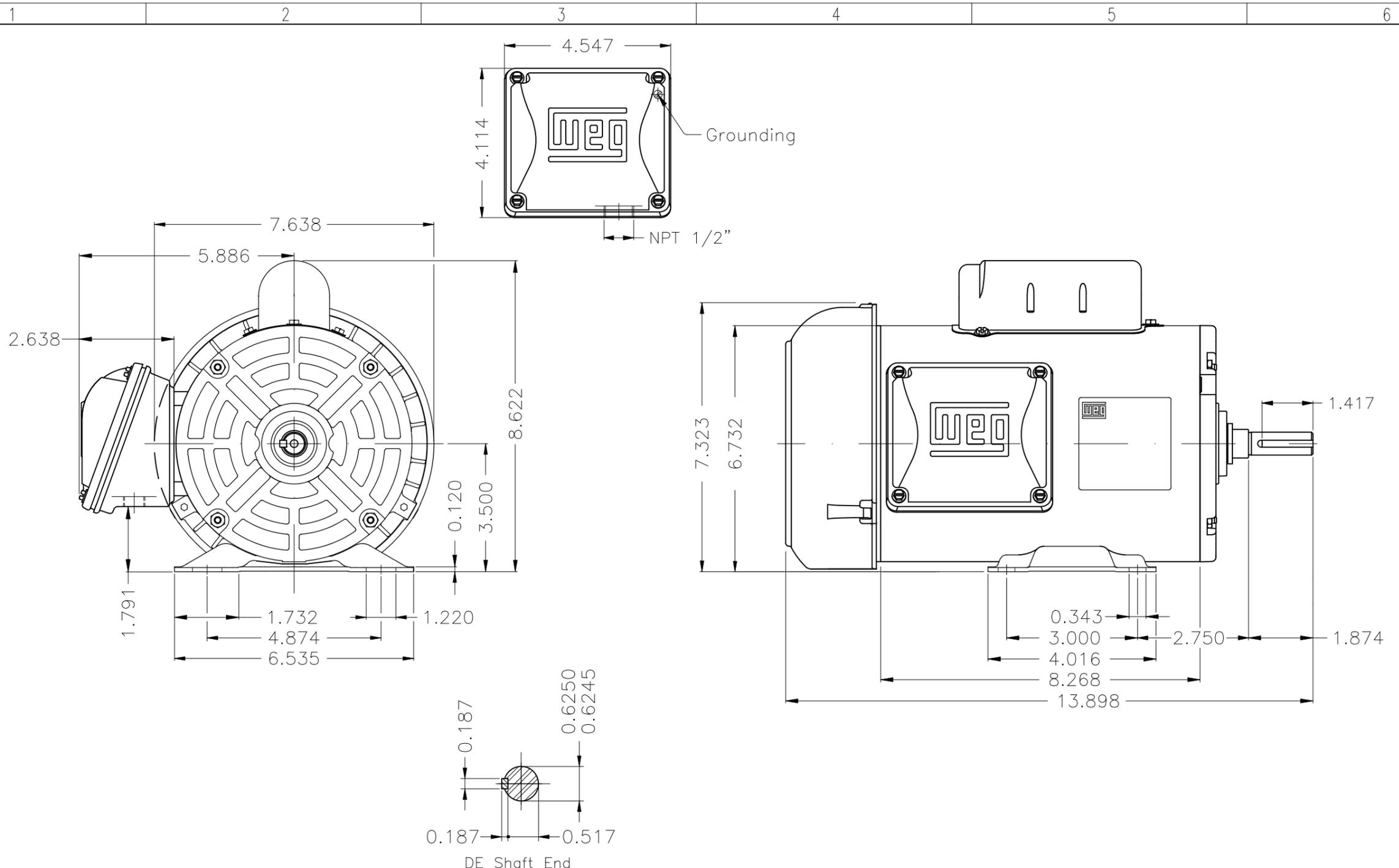
Notes

Standards	Specification	: MG1 - Part 10	Vibration	: MG1 - Part 7
	Test	: MG1 - Part 12	Tolerance	: MG1 - Part 12
	Noise	: MG1 - Part 9		

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Color RAL 3002						
Mounting F-1/B3R(D)						
					HYBRISUSER	00
ECM	LOC	SUMMARY OF MODIFICATIONS		EXECUTED	CHECKED	RELEASED
EXECUTED	HYBRISUSER	SINGLE PH. MOTOR ROLLED STEEL FARM DUTY			PREVIEW	
CHECKED		FRAME 56 IP55 TEFC			WDD	00
RELEASED						
REL. DATE		WMO	Jaragua do Sul	Product Engineering	SHEET	1 / 1

1 HP 04 Poles 60 Hz

A