

DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 - TEFC Farm Duty - Standard Efficiency Product code : 19226133

Frame	: 56C	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/B14R(D)
No load current	: 9.60/4.80 A	Rotation ¹	: Both
Rated speed	: 1745 rpm	Noise level ²	: 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 ³	: 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 ² /4)	: -
Bearing type	Drive end 6204-2RS Non drive end 6202-2RS	Foundation loads	
Lubrication interval	-	Max. traction	: -
Lubricant amount	-	Max. compression	: -
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	farazq		1847858086	
Checked by	AUTOMATICO		Page	Rev.
Date	13/05/2026		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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