

DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : Special Motor

Product code : 19124012

Frame	: 56HC	Locked rotor time	: 15 s (hot) 27 s (cold)
Output	: 0.75 HP (0.55 kW)	Temperature rise	: 80 K
Poles	: 6	Duty cycle	: S1
Frequency	: 60 Hz	Ambient temperature	: -20 °C to +40 °C
Rated voltage	: 115/230 V	Altitude	: 3280 ft
Rated current	: 7.80/3.90 A	Protection degree	: IP55
L. R. Amperes	: 45.9/23.0 A	Cooling method	: IC411 - TEFC
LRC	: 5.9 Code H	Mounting	: F-1/B34R(D)
No load current	: 4.20/2.10 A	Rotation ¹	: Both
Rated speed	: 1170 rpm	Noise level ²	: 54.0 dB(A)
Slip	: 2.50 %	Vibration class	: A
Rated torque	: 3.36 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 220.0 %	Approx. weight ³	: 35.3 lb
Pull up torque	: 185.0 %	Painting plan	: 207N
Breakdown torque	: 235.0 %	Color	: MUNSELL N 1 - MATTE
Insulation class	: F	Design	: L
Service factor	: 1.15		
Moment of inertia (J)	: 0.1590 sq.ft.lb		

Output	50%	75%	100%	Load type	: -
Efficiency (%)	67.0	74.0	75.5	Load torque	: -
Power Factor	0.66	0.76	0.81	Load inertia (J=GD ² /4)	: -

Bearing type	Drive end 6203-ZZ	Non drive end 6202-ZZ	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	1854006773		
Checked by	AUTOMATICO	Page	Rev.	
Date	28/05/2026	1 / 2	0	

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Thermal protection ID

Application

Type

Quantity

Sensing Temperature

Notes

Standards

Specification : MG1 - Part 10
Test : MG1 - Part 12
Noise : MG1 - Part 9

Vibration : MG1 - Part 7
Tolerance : MG1 - Part 12

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