

# DATA SHEET

## Three Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : Special Motor

Product code : 15597826

Frame	: W56J	Locked rotor time	: 20 s (hot) 37 s (cold)
Output	: 0.5 HP (0.37 kW)	Temperature rise	: 80 K
Poles	: 2	Duty cycle	: S1
Frequency	: 60 Hz	Ambient temperature	: -20 °C to +40 °C
Rated voltage	: 230/460 V	Altitude	: 3280 ft
Rated current	: 1.76/0.879 A	Protection degree	: IP21
L. R. Amperes	: 12.8/6.42 A	Cooling method	: IC01 - ODP
LRC	: 7.3 Code M	Mounting	: F-1/B14R(D)
No load current	: 1.20/0.600 A	Rotation <sup>1</sup>	: Counter clockwise
Rated speed	: 3450 rpm	Noise level <sup>2</sup>	: 62.0 dB(A)
Slip	: 4.17 %	Vibration class	: A
Rated torque	: 0.760 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 370.0 %	Approx. weight <sup>3</sup>	: 13.9 lb
Pull up torque	: 340.0 %	Painting plan	: 207N
Breakdown torque	: 400.0 %	Color	: MUNSELL N 1 - MATTE
Insulation class	: F		
Service factor	: 1.60		
Moment of inertia (J)	: 0.0237 sq.ft.lb		

Output	50%	75%	100%	Load type	: -
Efficiency (%)	62.0	68.0	73.4	Load torque	: -
Power Factor	0.53	0.65	0.72	Load inertia (J=GD <sup>2</sup> /4)	: -

	Drive end	Non drive end	Foundation loads
Bearing type #1	6203-2RS	6202-2RS	Max. traction
Bearing type #2	-	-	Max. compression
Lubrication interval	-	-	
Lubricant amount #1	-	-	
Lubricant amount #2	-	-	
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	1866141574		
Checked by	AUTOMATICO	Page	Rev.	
Date	26/06/2026	1 / 2	0	

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Product code : 15597826

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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