

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 Shark - TENV Premium Efficiency

Frame	: 56C	Locked rotor time	: 27 s (hot) 49 s (cold)
Output	: 0.5 HP (0.37 kW)	Temperature rise	: 80 K
Poles	: 6	Duty cycle	: S1
Frequency	: 60 Hz	Ambient temperature	: -20 °C to +40 °C
Rated voltage	: 575 V	Altitude	: 3280 ft
Rated current	: 0.781 A	Protection degree	: IP66
L. R. Amperes	: 5.23 A	Cooling method	: IC410 - TENV
LRC	: 6.7	Mounting	: F-1/B34R(D)
No load current	: 0.576 A	Rotation ¹	: Both
Rated speed	: 1160 rpm	Noise level ²	: 50.0 dB(A)
Slip	: 3.33 %	Vibration class	: A
Rated torque	: 2.24 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 300 %	Approx. weight ³	: 36.4 lb
Pull up torque	: 255 %	Color	: NO COLOR
Breakdown torque	: 340 %		
Insulation class	: F		
Service factor	: 1.15		
Moment of inertia (J)	: 0.1329 sq.ft.lb		

Output	50%	75%	100%	Load type	: -
Efficiency (%)	71.0	74.0	75.5	Load torque	: -
Power Factor	0.44	0.54	0.63	Load inertia (J=GD ² /4)	: -

	Drive end	Non drive end	Foundation loads
Bearing type #1	6204-2RS	6203-2RS	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		1872107935		
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Date	10/07/2026		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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