

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	: 17 s (hot) 31 s (cold)
Output	: 1 HP (0.75 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	: 2.84/1.42 A	Protection degree	: IP66
L. R. Amperes	: 29.8/14.9 A	Cooling method	: IC410 - TENV
LRC	: 10.5	Mounting	: F-1/B14R(D)
No load current	: 1.36/0.680 A	Rotation ¹	: Both
Rated speed	: 3525 rpm	Noise level ²	: 68.0 dB(A)
Slip	: 2.08 %	Vibration class	: A
Rated torque	: 1.47 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 350 %	Approx. weight ³	: 35.8 lb
Pull up torque	: 295 %	Color	: NO COLOR
Breakdown torque	: 440 %		
Insulation class	: F		
Service factor	: 1.15		
Moment of inertia (J)	: 0.0902 sq.ft.lb		

Output	50%	75%	100%
Efficiency (%)	74.0	77.0	77.0
Power Factor	0.68	0.79	0.86

Load type	: -
Load torque	: -
Load inertia (J=GD ² /4)	: -

	Drive end	Non drive end
Bearing type #1	6204-2RS	6203-2RS
Bearing type #2	-	-
Lubrication interval	-	-
Lubricant amount #1	-	-
Lubricant amount #2	-	-
Lubricant type	MOBIL POLYREX EM	

Foundation loads	
Max. traction	:
Max. compression	:

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		1872089767		
Checked by	AUTOMATICO		Page	Rev.	
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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