

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 Shark - TENV Premium Efficiency

Product code : 18919909

Frame	: 56C	Locked rotor time	: 19 s (hot) 34 s (cold)
Output	: 0.5 HP (0.37 kW)	Temperature rise	: 80 K
Poles	: 4	Duty cycle	: S1
Frequency	: 60 Hz	Ambient temperature	: -20 °C to +40 °C
Rated voltage	: 230/460 V	Altitude	: 3280 ft
Rated current	: 1.97/0.986 A	Protection degree	: IP66
L. R. Amperes	: 17.2/8.58 A	Cooling method	: IC410 - TENV
LRC	: 8.7	Mounting	: F-1/B14R(D)
No load current	: 1.52/0.760 A	Rotation ¹	: Both
Rated speed	: 1775 rpm	Noise level ²	: 52.0 dB(A)
Slip	: 1.39 %	Vibration class	: A
Rated torque	: 1.46 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 330 %	Approx. weight ³	: 27.8 lb
Pull up torque	: 280 %	Color	: NO COLOR
Breakdown torque	: 500 %		
Insulation class	: F		
Service factor	: 1.15		
Moment of inertia (J)	: 0.0783 sq.ft.lb		

Output	50%	75%	100%	Load type	: -
Efficiency (%)	74.0	75.5	78.5	Load torque	: -
Power Factor	0.41	0.50	0.60	Load inertia (J=GD ² /4)	: -
Bearing type #1	Drive end 6204-2RS	Non drive end 6203-2RS		Foundation loads	
Lubrication interval	-	-		Max. traction	:
Lubricant amount #1	-	-		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			1875494642	
Checked by	AUTOMATICO			Page	Rev.
Date	17/07/2026			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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