

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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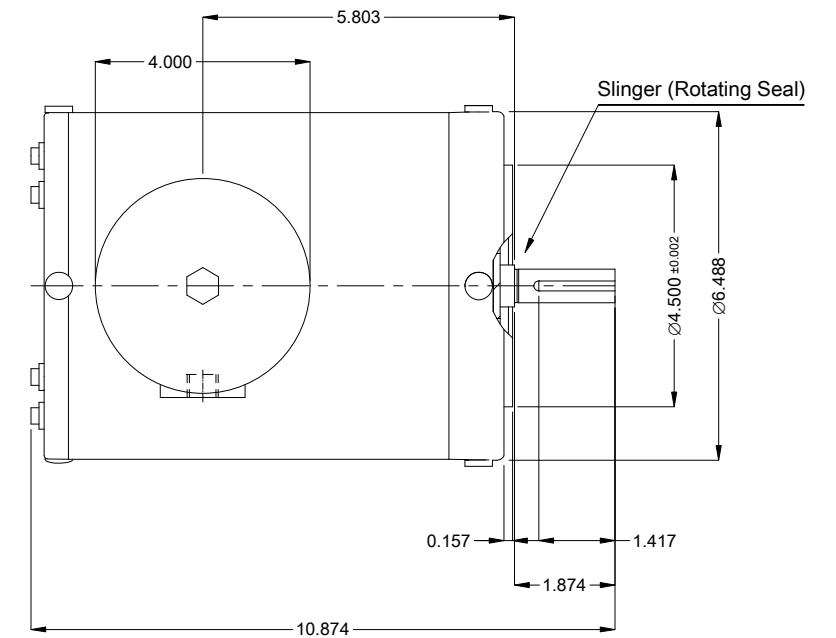
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0.5 HP 04 Poles 60 Hz										A
V.J. PAMENSKY CANADA INC.										
						Scale			2 : 7	
						PIRWBUSER				00
ECM	LOC	SUMMARY OF MODIFICATIONS				EXECUTED	CHECKED	RELEASED	DATE	VER
EXECUTED	PIRWBUSER		THREE PH. MOTOR PREM. EFF. FRAME 56C IP66 TENV			PREVIEW WDD 00				
CHECKED										
RELEASED										
REL. DATE										
						SHEET		1 / 1		

Shaft material - stainless steel AISI 304
Mounting MARKET F-1/B14R(D)
Mounting B14R(D)

