

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 Shark - TENV Premium Efficiency

Product code : 18890248

Frame	: 56C	Locked rotor time	: 32 s (hot) 58 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	: 1.53/0.765 A	Protection degree	: IP66
L. R. Amperes	: 15.0/7.50 A	Cooling method	: IC410 - TENV
LRC	: 9.8	Mounting	: F-1/B34R(D)
No load current	: 1.06/0.530 A	Rotation ¹	: Both
Rated speed	: 3520 rpm	Noise level ²	: 68.0 dB(A)
Slip	: 2.22 %	Vibration class	: A
Rated torque	: 0.738 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 350 %	Approx. weight ³	: 22.7 lb
Pull up torque	: 295 %	Color	: NO COLOR
Breakdown torque	: 450 %		
Insulation class	: F		
Service factor	: 1.15		
Moment of inertia (J)	: 0.0522 sq.ft.lb		

Output	50%	75%	100%
Efficiency (%)	68.0	74.0	74.0
Power Factor	0.61	0.75	0.82

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		1872050865		
Checked by	AUTOMATICO		Page	Rev.	
Date	10/07/2026		1 / 2	0	

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 Shark - TENV Premium Efficiency Product code : 18890248

Thermal protection ID	Application	Type	Quantity	Sensing Temperature
-----------------------	-------------	------	----------	---------------------

Notes

Standards	Specification	: MG1 - Part 10	Vibration	: MG1 - Part 7
	Test	: MG1 - Part 12	Tolerance	: MG1 - Part 12
	Noise	: MG1 - Part 9		

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			1872050865	
Checked by	AUTOMATICO			Page	Rev.
Date	10/07/2026			2 / 2	0