

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 - ODP - Premium Efficiency (DOE)

Frame	: 56H	Locked rotor time	: 9 s (hot) 16 s (cold)
Output	: 3 HP (2.2 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	: 7.18/3.59 A	Protection degree	: IP21
L. R. Amperes	: 57.4/28.7 A	Cooling method	: IC01 - ODP
LRC	: 8.0	Mounting	: F-1/B3R(D)
No load current	: 2.60/1.30 A	Rotation ¹	: Both
Rated speed	: 3480 rpm	Noise level ²	: 62.0 dB(A)
Slip	: 3.33 %	Vibration class	: A
Rated torque	: 4.46 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 230 %	Approx. weight ³	: 38.9 lb
Pull up torque	: 195 %	Color	: PRIMER ONLY
Breakdown torque	: 300 %	Design	: A
Insulation class	: F		
Service factor	: 1.15		
Moment of inertia (J)	: 0.1281 sq.ft.lb		
Output	50% 75% 100%	Load type	: -
Efficiency (%)	84.0 85.5 85.5	Load torque	: -
Power Factor	0.76 0.86 0.90	Load inertia (J=GD ² /4)	: -
Bearing type	Drive end 6204-ZZ Non drive end 6202-ZZ	Foundation loads	
Lubrication interval	-	Max. traction	:
Lubricant amount	-	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		1851051787	
Checked by	AUTOMATICO		Page	Rev.
Date	21/05/2026		1 / 2	0

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Thermal protection ID	Application	Type	Quantity	Sensing Temperature
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Notes

USABLE @208V 7.94A SF 1.00 SFA 7.94A

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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