

DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 - ODP Compressor Duty Standard Efficiency Product code : 17498405

Frame	: 56H	Locked rotor time	: 5 s (hot) 9 s (cold)
Output	: 2 HP (1.5 kW)	Temperature rise	: 80 K
Poles	: 4	Duty cycle	: S1
Frequency	: 60 Hz	Ambient temperature	: -20 °C to +40 °C
Rated voltage	: 115/208-230 V	Altitude	: 3280 ft
Rated current	: 21.2/11.5-10.6 A	Protection degree	: IP21
L. R. Amperes	: 127/69.0-63.6 A	Cooling method	: IC01 - ODP
LRC	: 6.0	Mounting	: F-1/B3R(D)
No load current	: 13.6/5.86-6.80 A	Rotation ¹	: Both
Rated speed	: 1730 rpm	Noise level ²	: 70.0 dB(A)
Slip	: 3.89 %	Vibration class	: A
Rated torque	: 5.99 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 220 %	Approx. weight ³	: 39.7 lb
Pull up torque	: 185 %	Painting plan	: 207N
Breakdown torque	: 200 %	Color	: MUNSELL N 1 - MATTE
Insulation class	: F		
Service factor	: 1.00		
Moment of inertia (J)	: 0.1946 sq.ft.lb		

Output	50%	75%	100%	Load type	: -
Efficiency (%)	64.0	70.0	75.0	Load torque	: -
Power Factor	0.62	0.74	0.82	Load inertia (J=GD ² /4)	: -

	Drive end	Non drive end	Foundation loads
Bearing type	6204-ZZ	6202-ZZ	Max. traction
Lubrication interval	-	-	Max. compression
Lubricant amount	-	-	
Lubricant type	MOBIL POLYREX EM		

Notes
See notes on page 2.

<p>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.</p>	<p>These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG 1-12.</p>
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Rev.	Changes Summary	Rev.	Checked	Date
Performed by	farazq	1847549992		
Checked by	AUTOMATICO	Page	Rev.	
Date	12/05/2026	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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 (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.

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