

# DATA SHEET

## Single Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 - ODP Compressor Duty Standard Efficiency Product code : 17407305

Frame	: 56H	Locked rotor time	: 3 s (hot) 5 s (cold)
Output	: 5 HP (3.7 kW)	Temperature rise	: 105 K
Poles	: 2	Duty cycle	: S1
Frequency	: 60 Hz	Ambient temperature	: -20 °C to +40 °C
Rated voltage	: 230 V	Altitude	: 3280 ft
Rated current	: 20.5 A	Protection degree	: IP21
L. R. Amperes	: 133 A	Cooling method	: IC01 - ODP
LRC	: 6.5	Mounting	: F-1/B3R(D)
No load current	: 5.30 A	Rotation <sup>1</sup>	: Both
Rated speed	: 3455 rpm	Noise level <sup>2</sup>	: 70.0 dB(A)
Slip	: 4.03 %	Vibration class	: A
Rated torque	: 7.52 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 210 %	Approx. weight <sup>3</sup>	: 46.3 lb
Pull up torque	: 175 %	Painting plan	: 207N
Breakdown torque	: 200 %	Color	: MUNSELL N 1 - MATTE
Insulation class	: F		
Service factor	: 1.00		
Moment of inertia (J)	: 0.0712 sq.ft.lb		

Output	50%	75%	100%	Load type	: -
Efficiency (%)	74.6	78.5	80.0	Load torque	: -
Power Factor	0.96	0.97	0.98	Load inertia (J=GD <sup>2</sup> /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.

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	1847560815		
Checked by	AUTOMATICO	Page	Rev.	
Date	12/05/2026	1 / 2	0	

# DATA SHEET

## Single Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 - ODP Compressor Duty Standard Efficiency Product code : 17407305

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	1847560815		
Checked by	AUTOMATICO	Page	Rev.	
Date	12/05/2026	2 / 2	0	