

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 - ODP - Premium Efficiency (DOE) Derating Product code : 19133266

Frame	: 56HZ	Cooling method	: IC01 - ODP
Insulation class	: F	Mounting	: F-1/B3R(D)
Duty cycle	: S1	Rotation ¹	: Both
Ambient temperature	: -20 °C to +40 °C	Starting method	: Direct On Line
Altitude	: 3280 ft	Approx. weight ³	: 37.7 lb
Protection degree	: IP21	Moment of inertia (J)	: 0.1305 sq.ft.lb
Design	: A		

Output	1.5 HP (1.1 kW)	1.5 HP (1.1 kW)	1.5 HP (1.1 kW)
Poles	4	4	4
Frequency	60 Hz	50 Hz	50 Hz
Rated voltage	230/460 V	190/380 V	220/415 V
Rated current	4.20/2.10 A	4.94/2.47 A	4.51/2.39 A
L. R. Amperes	37.0/18.5 A	33.6/16.8 A	35.2/18.6 A
LRC	8.8	6.8	7.8
No load current	2.60/1.30 A	2.61/1.30 A	2.91/1.54 A
Rated speed	1760 rpm	1445 rpm	1455 rpm
Slip	2.22 %	3.67 %	3.00 %
Rated torque	4.41 ft.lb	5.37 ft.lb	5.34 ft.lb
Locked rotor torque	290 %	220 %	280 %
Pull up torque	245 %	185 %	235 %
Breakdown torque	350 %	280 %	340 %
Service factor	1.15	1.15	1.15
Temperature rise	80 K	80 K	80 K
Noise level ²	52.0 dB(A)	49.0 dB(A)	49.0 dB(A)
Locked rotor time (hot)	14 s	15 s	12 s
Locked rotor time (cold)	25 s	27 s	22 s
Efficiency (%)	50%	84.0	83.7
	75%	85.5	84.7
	100%	86.5	83.6
Power Factor	50%	0.53	0.61
	75%	0.66	0.74
	100%	0.76	0.81

Bearing type	Drive end	Non drive end	Foundation loads
	6204-ZZ	6202-ZZ	
Lubrication interval	-	-	Max. compression :
Lubricant amount	-	-	Load type :-
Lubricant type	MOBIL POLYREX EM		Load torque :-
			Load inertia (J=GD ² /4) :-

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		1848557997	
Checked by	AUTOMATICO		Page	Rev.
Date	14/05/2026		1 / 2	0

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Thermal protection ID	Application	Type	Quantity	Sensing Temperature
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Notes
USABLE @208V 4.64A SF 1.00 SFA 4.64A

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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