DATA SHEET
Three Phase Induction Motor - Squirrel Cage

Customer	: V.J. PAMENSKY CANADA INC.
Product line	: W01 - ODP - Nema Premium Efficiency
Product code	: 12792613

Frame	: 254/6T	Locked rotor time	: 15 s (hot) 27 s (cold)
Output	: 20 HP (15 kW)	Temperature rise	: 80 K
Poles	: 4	Duty cycle	: S1
Frequency	: 60 Hz	Ambient temperature	: -20 °C to +40 °C
Rated voltage	: 575 V	Altitude	: 3280 ft
Rated current	: 20.0 A	Protection degree	: IP21
L. R. Amperes	: 126 A	Cooling method	: IC01 - ODP
LRC	: 6.3	Mounting	: F-1/B3R(D)
No load current	: 9.15 A	Rotation[1]	: Both
Rated speed	: 1770 rpm	Noise level[2]	: 64.0 dB(A)
Slip	: 1.67 %	Vibration class	: A
Rated torque	: 58.5 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 240 %	Approx. weight[3]	: 198 lb
Pull up torque	: 200 %	Painting plan	: 207N
Breakdown torque	: 290 %	Color	: MUNSELL N 1 - MATTE
Insulation class	: F	Design	: B
Service factor	: 1.15		
Moment of inertia (J)	: 2.23 sq.ft.lb		

Output	50%	75%	100%
Efficiency (%)	92.4	92.4	93.0
Power Factor	0.63	0.74	0.81

	Load type	: -
	Load torque	: -
	Load inertia (J=GD²/4)	: -

	Drive end	Non drive end
Bearing type	6309-Z-C3	6208-Z-C3
Lubrication interval	20000 h	20000 h
Lubricant amount	13 g	8 g
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		1851570067	
Checked by	AUTOMATICO		Page	Rev.
Date	22/05/2026		1 / 2	0

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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		

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