

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 - ODP - Nema Premium Efficiency

Frame	: 143/5TC	Locked rotor time	: 14 s (hot) 25 s (cold)
Output	: 2 HP (1.5 kW)	Temperature rise	: 80 K
Poles	: 2	Duty cycle	: S1
Frequency	: 60 Hz	Ambient temperature	: -20 °C to +40 °C
Rated voltage	: 575 V	Altitude	: 3280 ft
Rated current	: 1.94 A	Protection degree	: IP21
L. R. Amperes	: 17.2 A	Cooling method	: IC01 - ODP
LRC	: 8.9	Mounting	: F-1/B34R(D)
No load current	: 0.734 A	Rotation ¹	: Both
Rated speed	: 3510 rpm	Noise level ²	: 62.0 dB(A)
Slip	: 2.50 %	Vibration class	: A
Rated torque	: 2.95 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 220 %	Approx. weight ³	: 37.7 lb
Pull up torque	: 185 %	Painting plan	: 207N
Breakdown torque	: 330 %	Color	: MUNSELL N 1 - MATTE
Insulation class	: F	Design	: B
Service factor	: 1.15		
Moment of inertia (J)	: 0.1163 sq.ft.lb		

Output	50%	75%	100%	Load type	: -
Efficiency (%)	84.0	85.5	85.5	Load torque	: -
Power Factor	0.77	0.86	0.91	Load inertia (J=GD ² /4)	: -

	Drive end	Non drive end	Foundation loads	
Bearing type	6205-ZZ	6203-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		1852910916		
Checked by	AUTOMATICO		Page	Rev.	
Date	26/05/2026		1 / 2	0	

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 - ODP - Nema Premium Efficiency

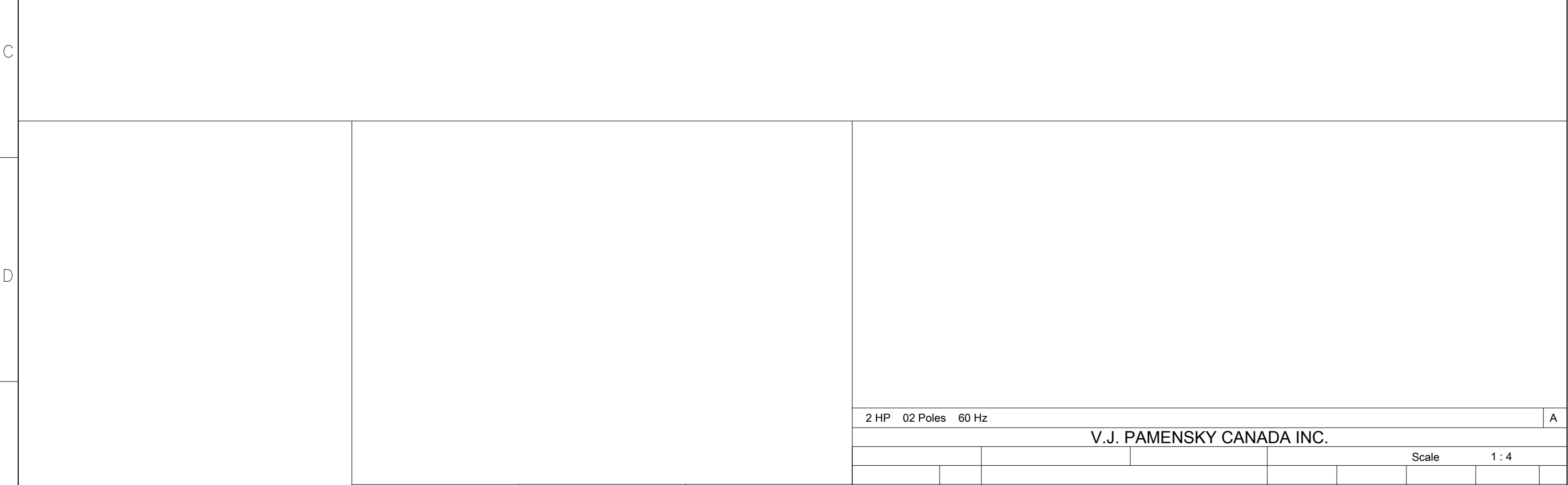
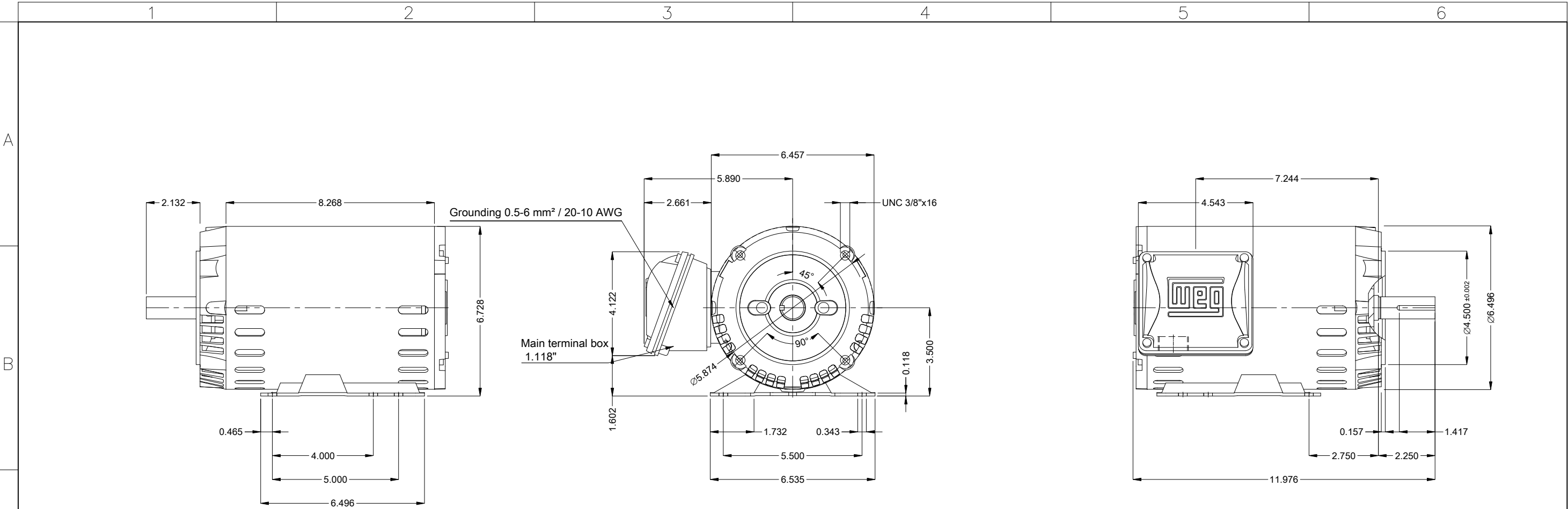
Thermal protection ID	Application	Type	Quantity	Sensing Temperature
-----------------------	-------------	------	----------	---------------------

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		1852910916		
Checked by	AUTOMATICO		Page	Rev.	
Date	26/05/2026		2 / 2	0	



DE Shaft End		2 HP 02 Poles 60 Hz		V.J. PAMENSKY CANADA INC.		Scale 1 : 4		A	
Internal AEGIS ground ring on the DE		ECM		LOC		SUMMARY OF MODIFICATIONS		PIRWBUSER	
Color Munsell N 1 matte black		EXECUTED		PIRWBUSER		THREE PH. MOTOR ROLLED STEEL NEMA PREM. EFF.		00	
Painting plan 207N		CHECKED				FRAME 143/5TC IP21 ODP		PREVIEW	
Mounting MARKET F-1/B34R(D)		RELEASED						WDD 00	
Mounting B34D		REL. DATE						SHEET 1 / 1	