

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 - ODP - Nema Premium Efficiency JM

Frame	: 143/5JM	Locked rotor time	: 19 s (hot) 34 s (cold)
Output	: 1.5 HP (1.1 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	: 1.48 A	Protection degree	: IP21
L. R. Amperes	: 12.7 A	Cooling method	: IC01 - ODP
LRC	: 8.6	Mounting	: F-1/B34R(D)
No load current	: 0.647 A	Rotation ¹	: Both
Rated speed	: 3510 rpm	Noise level ²	: 62.0 dB(A)
Slip	: 2.50 %	Vibration class	: A
Rated torque	: 2.21 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 210 %	Approx. weight ³	: 32.3 lb
Pull up torque	: 175 %	Painting plan	: 207N
Breakdown torque	: 330 %	Color	: MUNSELL N 1 - MATTE
Insulation class	: F	Design	: B
Service factor	: 1.15		
Moment of inertia (J)	: 0.0831 sq.ft.lb		

Output	50%	75%	100%
Efficiency (%)	81.5	84.0	84.0
Power Factor	0.73	0.83	0.89

Load type	: -
Load torque	: -
Load inertia (J=GD ² /4)	: -

	Drive end	Non drive end
Bearing type #1	6206-ZZ	6203-ZZ
Lubrication interval	-	-
Lubricant amount #1	-	-
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		1889211118		
Checked by	AUTOMATICO		Page	Rev.	
Date	17/08/2026		1 / 2	0	

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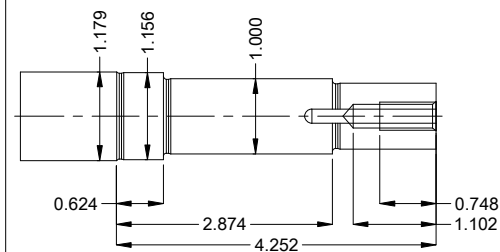
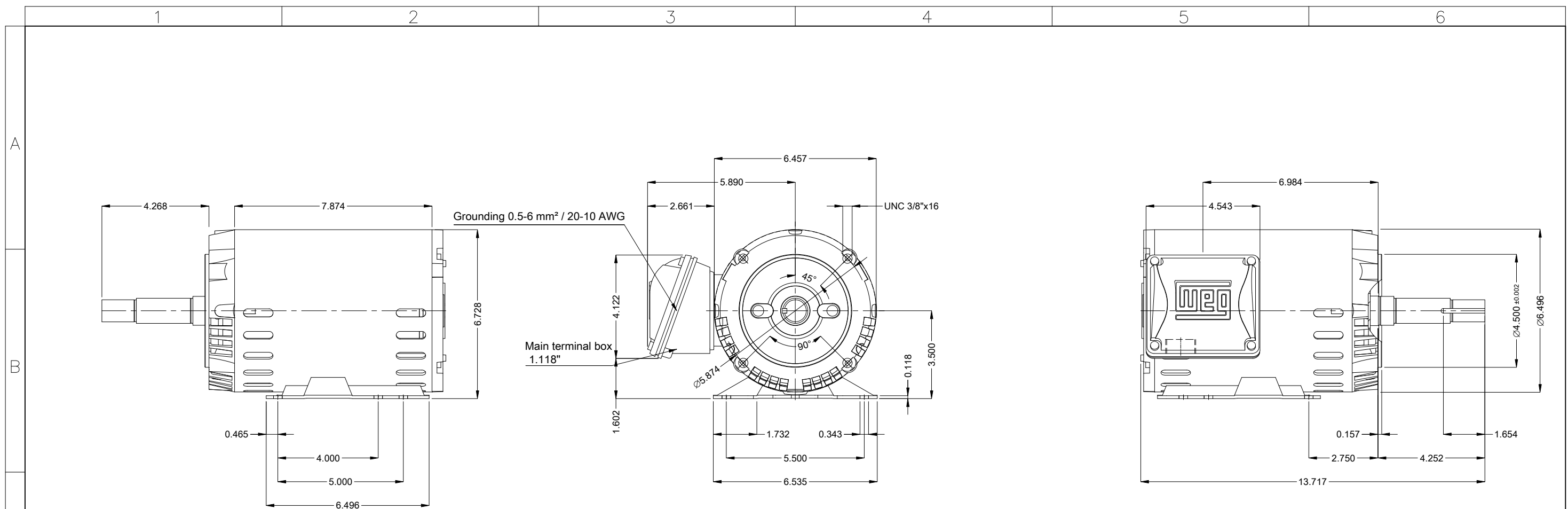
Thermal protection ID	Application	Type	Quantity	Sensing Temperature
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Notes

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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Color Munsell N 1 matte black
Painting plan 207N
Mounting MARKET F-1/B34R(D)
Mounting B34D

1.5 HP 02 Poles 60 Hz										A
V.J. PAMENSKY CANADA INC.										
						Scale 1 : 4				
						PIRWBUSER				00
ECM		LOC		SUMMARY OF MODIFICATIONS		EXECUTED	CHECKED	RELEASED	DATE	VER
EXECUTED	PIRWBUSER		THREE PH. MOTOR ROLLED STEEL JM NEMA PREM. EFF. FRAME 143/5JM IP21 ODP				PREVIEW WDD 00			
CHECKED										
RELEASED										
REL. DATE										
						SHEET		1 / 1		