

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 - ODP - Premium Efficiency (DOE) Jet Pump
- Forma C

Frame	: 56C	Locked rotor time	: 9 s (hot) 16 s (cold)
Output	: 3 HP (2.2 kW)	Temperature rise	: 80 K
Poles	: 2	Duty cycle	: S1
Frequency	: 60 Hz	Ambient temperature	: -20 °C to +40 °C
Rated voltage	: 230/460 V	Altitude	: 3280 ft
Rated current	: 7.18/3.59 A	Protection degree	: IP21
L. R. Amperes	: 57.4/28.7 A	Cooling method	: IC01 - ODP
LRC	: 8.0	Mounting	: F-1/B14R(D)
No load current	: 2.60/1.30 A	Rotation ¹	: Counter clockwise
Rated speed	: 3480 rpm	Noise level ²	: 62.0 dB(A)
Slip	: 3.33 %	Vibration class	: A
Rated torque	: 4.46 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 230 %	Approx. weight ³	: 40.6 lb
Pull up torque	: 195 %	Painting plan	: 207N
Breakdown torque	: 300 %	Color	: MUNSELL N 1 - MATTE
Insulation class	: F	Design	: A
Service factor	: 1.15		
Moment of inertia (J)	: 0.1281 sq.ft.lb		

Output	50%	75%	100%
Efficiency (%)	84.0	85.5	85.5
Power Factor	0.76	0.86	0.90

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

	Drive end	Non drive end
Bearing type #1	6203-2RS	6202-2RS
Bearing type #2	-	-
Lubrication interval	-	-
Lubricant amount #1	-	-
Lubricant amount #2	-	-
Lubricant type	MOBIL POLYREX EM	

Foundation loads	
Max. traction	: 496 N
Max. compression	: 676 N

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			Page	Rev.
Checked by				1 / 2	0
Date	26/06/2026				

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer

: V.J. PAMENSKY CANADA INC.

Product line

: W01 - ODP - Premium Efficiency (DOE) Jet Pump
- Forma C

Thermal protection

ID

Application

Type

Quantity

Sensing Temperature

Notes

Standards

Specification : MG1 - Part 10

Test : MG1 - Part 12

Noise : MG1 - Part 9

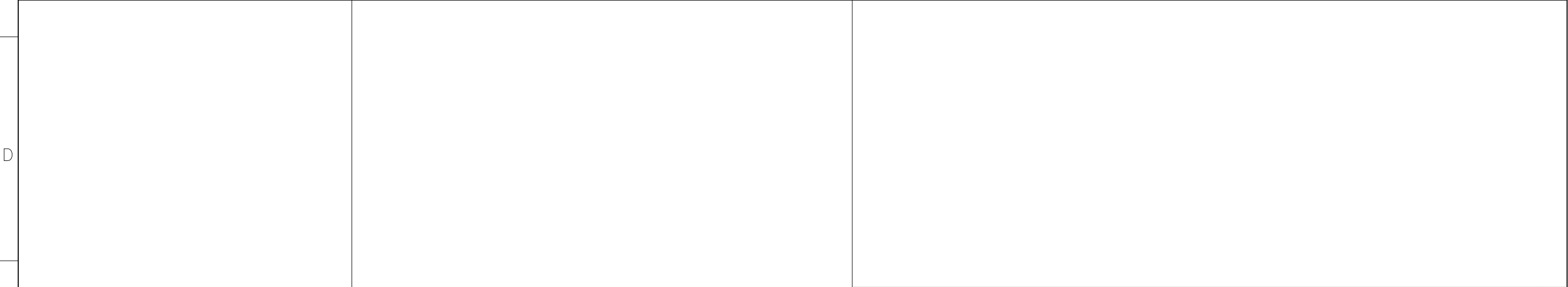
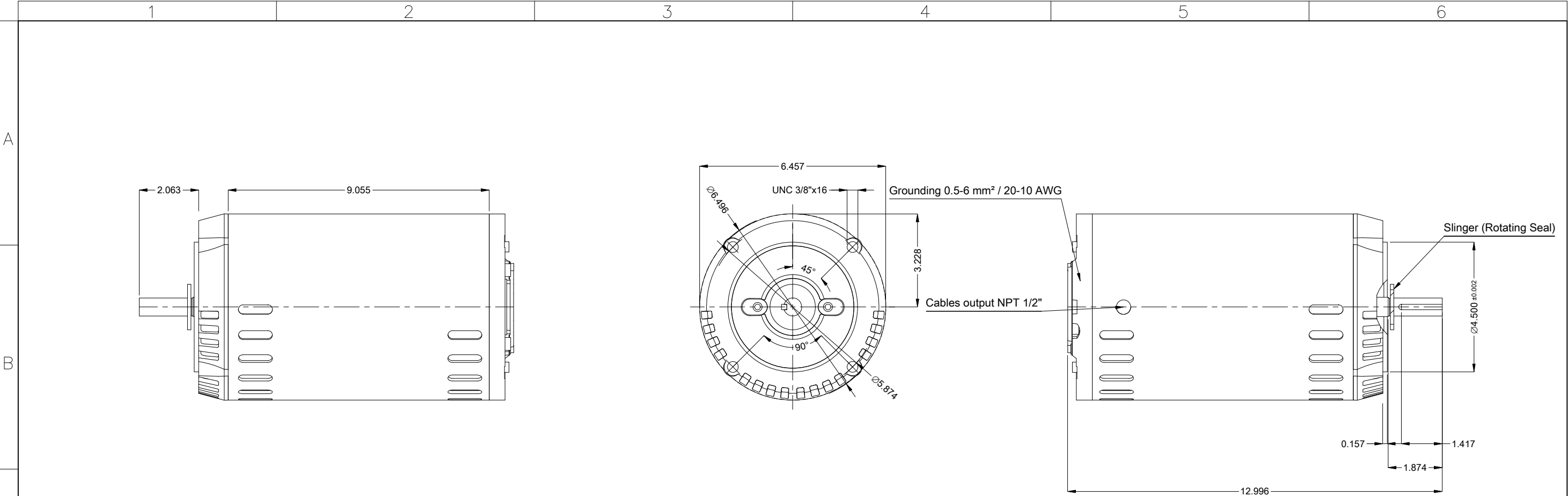
Vibration : MG1 - Part 7

Tolerance : MG1 - Part 12

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			Page 2 / 2	Rev. 0
Checked by					
Date	26/06/2026				



3 HP 02 Poles 60 Hz V.J. PAMENSKY CANADA INC. Scale 2 : 7		A	
		PIRWBUSER	
		00	
		ECM LOC SUMMARY OF MODIFICATIONS EXECUTED CHECKED RELEASED DATE VER	
		THREE PH. MOTOR ROLLED STEEL JET PUMP KEYED PREM. EFF. FRAME 56C IP21 ODP	
EXECUTED PIRWBUSER		PREVIEW	
CHECKED		WDD 00	
RELEASED		SHEET 1 / 1	
REL. DATE		WEG	

Shaft material - stainless steel AISI 304
Color Munsell N 1 matte black
Painting plan 207N
Mounting MARKET F-1/B14R(D)
Mounting F-1/B14R(D)

