

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

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

Frame	: W56J	Locked rotor time	: 13 s (hot) 23 s (cold)
Output	: 1 HP (0.75 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	: 1.30 A	Protection degree	: IP21
L. R. Amperes	: 10.8 A	Cooling method	: IC01 - ODP
LRC	: 8.3	Mounting	: F-1/B34R(D)
No load current	: 0.800 A	Rotation ¹	: Counter clockwise
Rated speed	: 3450 rpm	Noise level ²	: 62.0 dB(A)
Slip	: 4.17 %	Vibration class	: A
Rated torque	: 1.50 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 400 %	Approx. weight ³	: 19.1 lb
Pull up torque	: 340 %	Painting plan	: 207N
Breakdown torque	: 410 %	Color	: MUNSELL N 1 - MATTE
Insulation class	: F		
Service factor	: 1.15		
Moment of inertia (J)	: 0.0237 sq.ft.lb		

Output	50%	75%	100%
Efficiency (%)	70.0	75.5	77.0
Power Factor	0.55	0.68	0.75

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	: 227 N
Max. compression	: 312 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			1866107776	
Checked by	AUTOMATICO			Page	Rev.
Date	26/06/2026			1 / 2	0

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



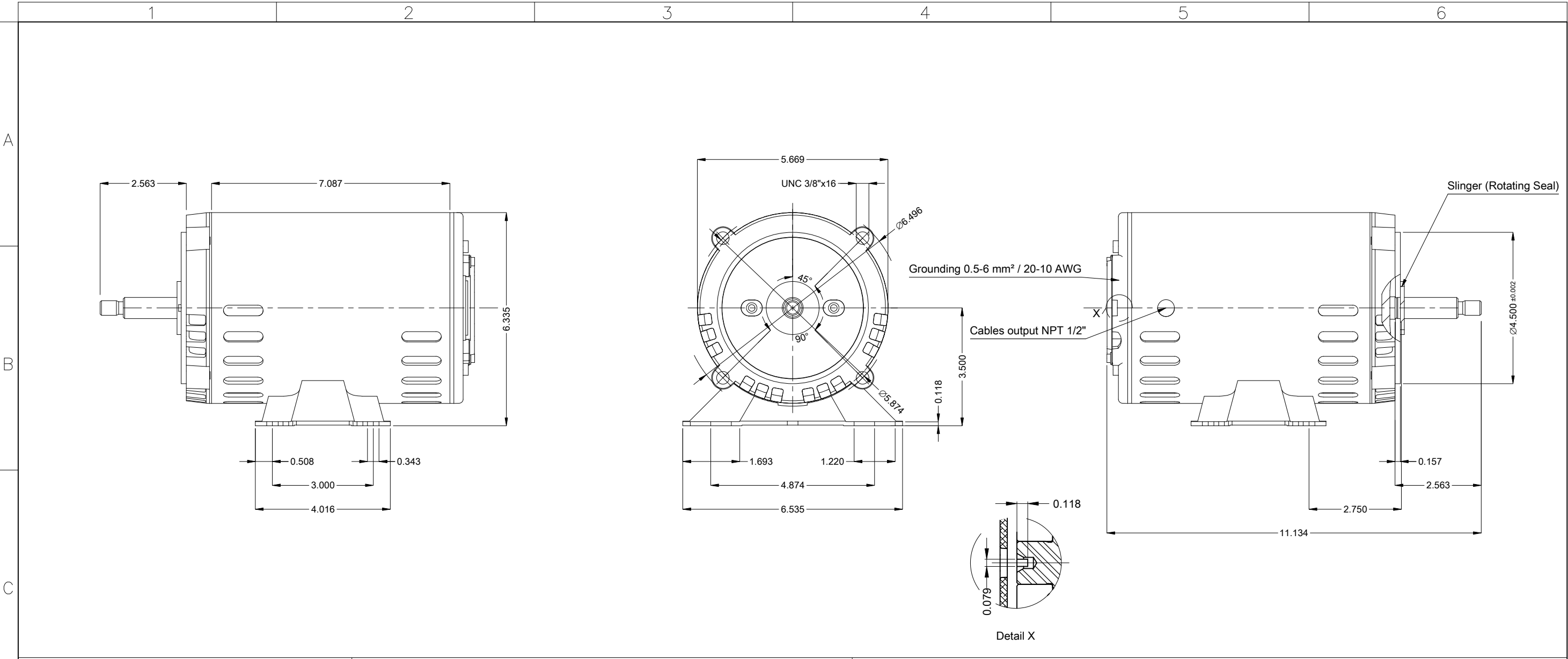
Customer : V.J. PAMENSKY CANADA INC.

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

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	1866107776			
Checked by		AUTOMATICO				
Date		26/06/2026				
			Page	Rev.		
			2 / 2	0		



Shaft material - stainless steel AISI 304

Color Munsell N 1 matte black

Painting plan 207N

Mounting MARKET F-1/B34R(D)

Mounting B34D

0.625

Ø0.372

UNF 7/16"-20-2A

UNF 1/4"-28 WEG WPR-7309

0.138

1.874 ±0.008

0.472

0.591

0.689 ±0.030

1 HP 02 Poles 60 Hz

A

Scale1 : 3

PIRWUSER00

ECMLOC

SUMMARY OF MODIFICATIONS

EXECUTEDCHECKEDRELEASEDDATE

VER

THREE PH. MOTOR ROLLED STEEL JET PUMP THREADED PREM.F.F.

FRAME W56J IP21 ODP

WDD00

1 / 1

WEG

WEG's property. Forbidden reproduction without previous authorization.

Dimensions in inches

A3