

DATA SHEET

Single 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	: 15 s (hot) 27 s (cold)
Output	: 0.33 HP (0.25 kW)	Temperature rise	: 80 K
Poles	: 2	Duty cycle	: S1
Frequency	: 60 Hz	Ambient temperature	: -20 °C to +40 °C
Rated voltage	: 115/208-230 V	Altitude	: 3280 ft
Rated current	: 3.20/1.77-1.60 A	Protection degree	: IP21
L. R. Amperes	: 28.2/15.6-14.1 A	Cooling method	: IC01 - ODP
LRC	: 8.8	Mounting	: F-1/B34R(D)
No load current	: 1.00/0.431-0.500 A	Rotation ¹	: Counter clockwise
Rated speed	: 3510 rpm	Noise level ²	: 56.0 dB(A)
Slip	: 2.50 %	Vibration class	: A
Rated torque	: 0.485 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 280 %	Approx. weight ³	: 21.5 lb
Pull up torque	: 235 %	Painting plan	: 207N
Breakdown torque	: 300 %	Color	: MUNSELL N 1 - MATTE
Insulation class	: F	Design	: N
Service factor	: 1.15		
Moment of inertia (J)	: 0.0261 sq.ft.lb		

Output	50%	75%	100%	Load type	: -
Efficiency (%)	56.0	64.0	70.5	Load torque	: -
Power Factor	0.97	0.97	0.97	Load inertia (J=GD ² /4)	: -
	Drive end	Non drive end		Foundation loads	
Bearing type #1	6203-2RS	6202-2RS		Max. traction	: -
Bearing type #2	-	-		Max. compression	: -
Lubrication interval	-	-			
Lubricant amount #1	-	-			
Lubricant amount #2	-	-			
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				1865739022
Checked by	AUTOMATICO				Page Rev.
Date	25/06/2026				1 / 2 0

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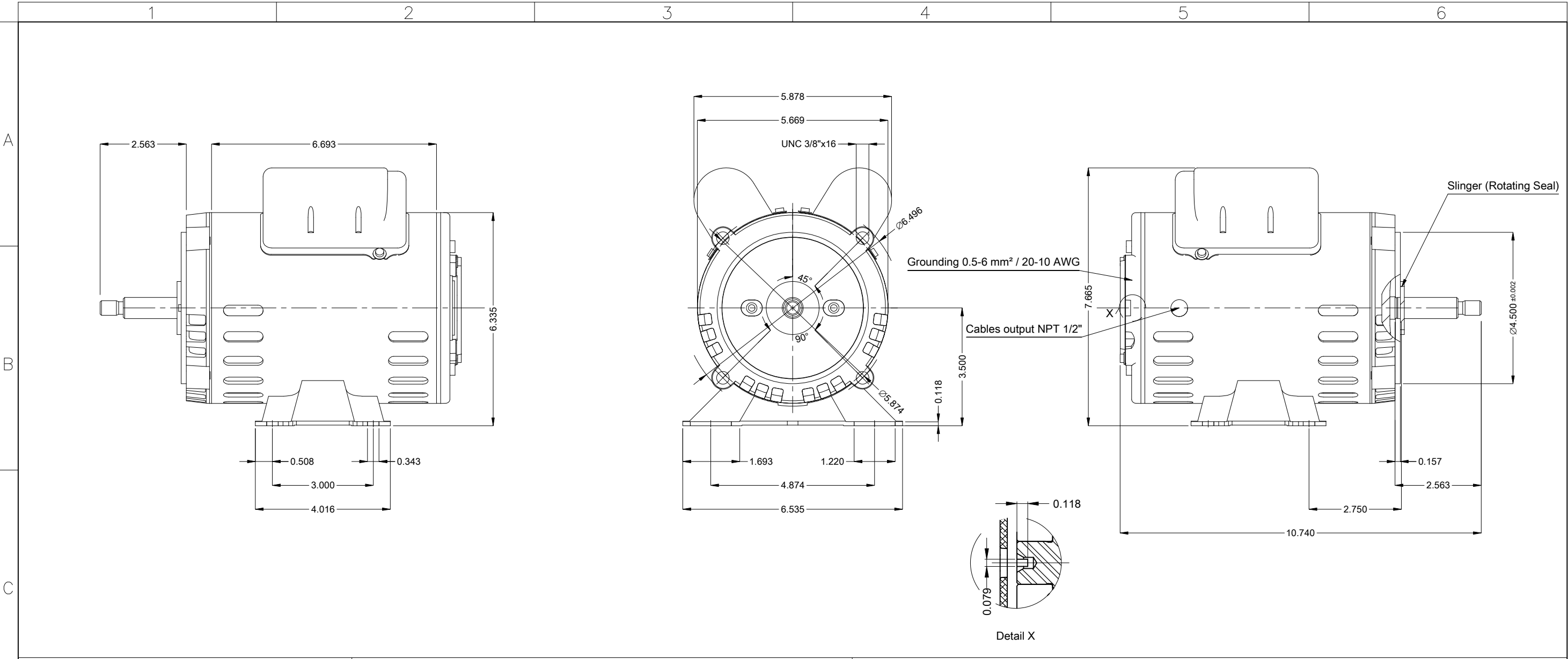
Thermal protection				
ID	Application	Type	Quantity	Sensing Temperature

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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Shaft material - stainless steel AISI 304

Color Munsell N 1 matte black

Painting plan 207N

Mounting MARKET F-1/B34R(D)

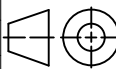
Mounting B34D

0.33 HP 02 Poles 60 Hz

V.J. PAMENSKY CANADA INC.

Scale 1 : 3

PIRWBUSER00

ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
EXECUTED	PIRWBUSER	 SINGLE PH. MOTOR ROLLED STEEL JET PUMP THREADED PRELIMINARY FRAME W56J IP21 ODP					
CHECKED							
RELEASED							
REL. DATE							

PREVIEW

WDD00

SHEET 1 / 1

