DATA SHEET
Three Phase Induction Motor - Squirrel Cage

Customer	: V.J. PAMENSKY CANADA INC.
Product line	: W01 Shark - TEFC Premium Efficiency

Frame	: 56C	Locked rotor time	: 19 s (hot) 34 s (cold)
Output	: 1 HP (0.75 kW)	Temperature rise	: 80 K
Poles	: 4	Duty cycle	: S1
Frequency	: 60 Hz	Ambient temperature	: -20 °C to +40 °C
Rated voltage	: 230/460 V	Altitude	: 3280 ft
Rated current	: 2.94/1.47 A	Protection degree	: IP66
L. R. Amperes	: 25.3/12.6 A	Cooling method	: IC411 - TEFC
LRC	: 8.6	Mounting	: F-1/B14R(D)
No load current	: 1.78/0.890 A	Rotation[1]	: Both
Rated speed	: 1765 rpm	Noise level[2]	: 52.0 dB(A)
Slip	: 1.94 %	Vibration class	: A
Rated torque	: 2.94 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 280 %	Approx. weight[3]	: 43.7 lb
Pull up torque	: 235 %	Color	: NO COLOR
Breakdown torque	: 300 %	Design	: B
Insulation class	: F		
Service factor	: 1.15		
Moment of inertia (J)	: 0.1234 sq.ft.lb		

Output	50%	75%	100%
Efficiency (%)	82.5	84.0	85.5
Power Factor	0.52	0.66	0.75

	Load type	: -
	Load torque	: -
	Load inertia (J=GD²/4)	: -

	Drive end	Non drive end
Bearing type #1	6204-2RS	6203-2RS
Lubrication interval	-	-
Lubricant amount #1	-	-
Lubricant type	MOBIL POLYREX EM	

Foundation loads	
Max. traction	:
Max. compression	:

Notes
See notes on page 2.

Losses at normative operating points (speed;torque), in percentage of rated output power

P1 (0,9;1,0)	P2 (0,5;1,0)	P3 (0,25;1,0)	P4 (0,9;0,5)	P5 (0,5;0,5)	P6 (0,5;0,25)	P7 (0,25;0,25)
18.6	16.2	15.3	10.8	7.9	6.3	4.8

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		1875507899	
Checked by	AUTOMATICO		Page	Rev.
Date	17/07/2026		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		

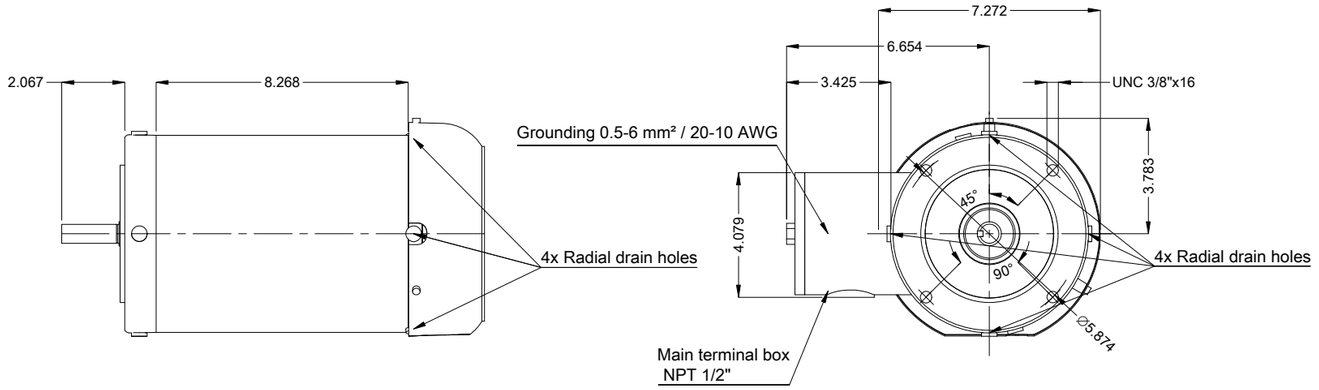
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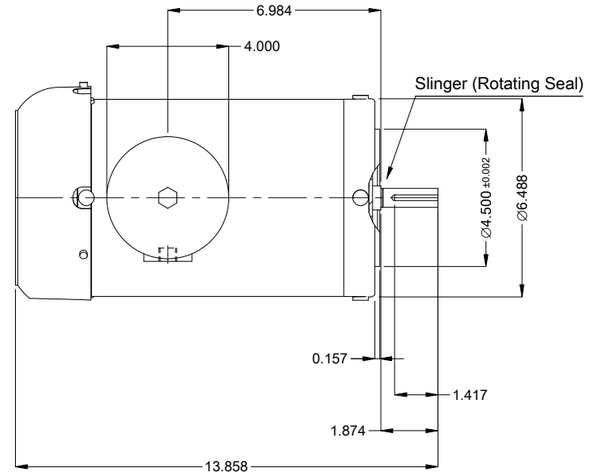
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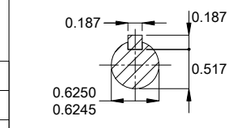
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Shaft material - stainless steel AISI 304

Mounting MARKET F-1/B14R(D)

Mounting B14R(D)

1 HP 04 Poles 60 Hz

A

V.J. PAMENSKY CANADA INC.

Scale 1 : 5

ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
			PIRWBUSER				00

EXECUTED	PIRWBUSER
CHECKED	
RELEASED	
REL. DATE	

THREE PH. MOTOR PREM. EFF.

FRAME 56C IP66 TEFC

PREVIEW

WDD 00

SHEET 1 / 1

Dimensions in inches

A3

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