DATA SHEET
Single Phase Induction Motor - Squirrel Cage

Customer	: V.J. PAMENSKY CANADA INC.
Product line	: W22 Farm Duty

Frame	: 182/4TC	Locked rotor time	: 8 s (hot) 14 s (cold)
Output	: 2 HP (1.5 kW)	Temperature rise	: 80 K
Poles	: 4	Duty cycle	: S1
Frequency	: 60 Hz	Ambient temperature	: -20 °C to +40 °C
Rated voltage	: 115/230 V	Altitude	: 3280 ft
Rated current	: 16.8/8.40 A	Protection degree	: IP55
L. R. Amperes	: 124/62.2 A	Cooling method	: IC411 - TEFC
LRC	: 7.4	Mounting	: F-1
No load current	: 4.50/2.25 A	Rotation[1]	: Both
Rated speed	: 1740 rpm	Noise level[2]	: 60.0 dB(A)
Slip	: 3.33 %	Vibration class	: NOT APPLICABLE
Rated torque	: 5.95 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 290 %	Coupling	: Direct
Pull up torque	: 245 %	Approx. weight[3]	: 104 lb
Breakdown torque	: 230 %	Painting plan	: 207A
Insulation class	: F	Color	: RAL 3003
Service factor	: 1.15		
Moment of inertia (J)	: 0.2966 sq.ft.lb		

Output	50%	75%	100%
Efficiency (%)	69.0	76.5	80.0
Power Factor	0.96	0.97	0.97

	Drive end	Non drive end
Bearing type	6207-2RS	6206-2RS
Lubrication interval	-	-
Lubricant amount	-	-
Lubricant type	POLYUREA BASED GREASE	

Load type	: -
Load torque	: -
Load inertia (J=GD²/4)	: -
Foundation loads	
Max. traction	: -
Max. compression	: -

Notes

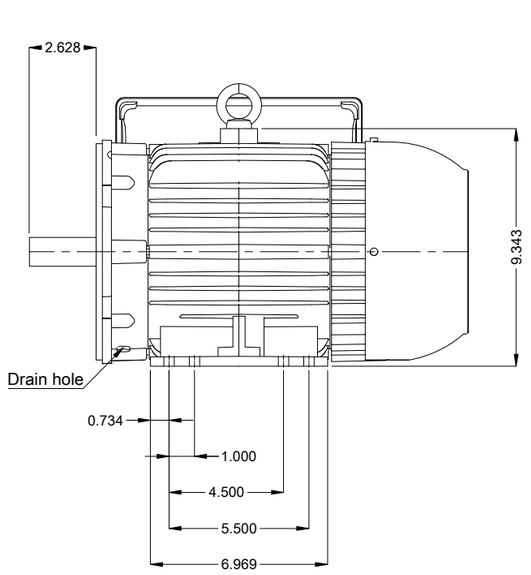
Standards				
	Specification	: MG1 - Part 10	Vibration	: MG1 - Part 7
	Test	: MG1 - Part 12	Tolerance	: MG1 - Part 12
	Noise	: MG1 - Part 9		

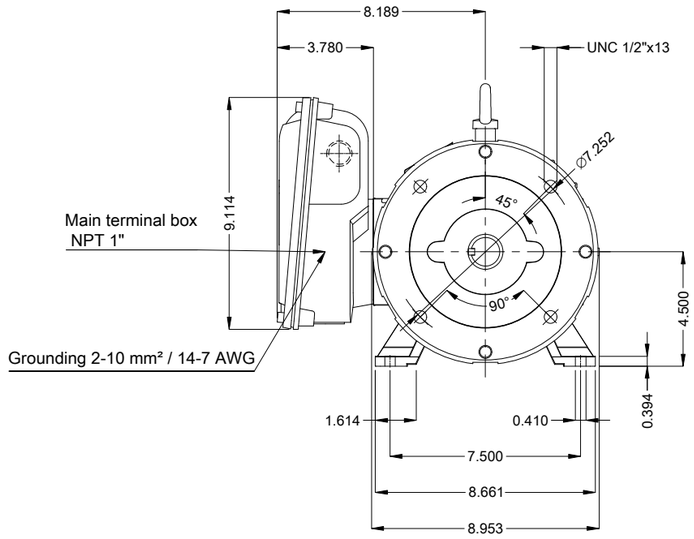
This revision replaces and cancel the previous one, which must be eliminated.
(1) Looking the motor from the shaft end.
(2) Measured at 1m and with tolerance of +3dB(A).
(3) Approximate weight, subject to be changed after manufacturing process.

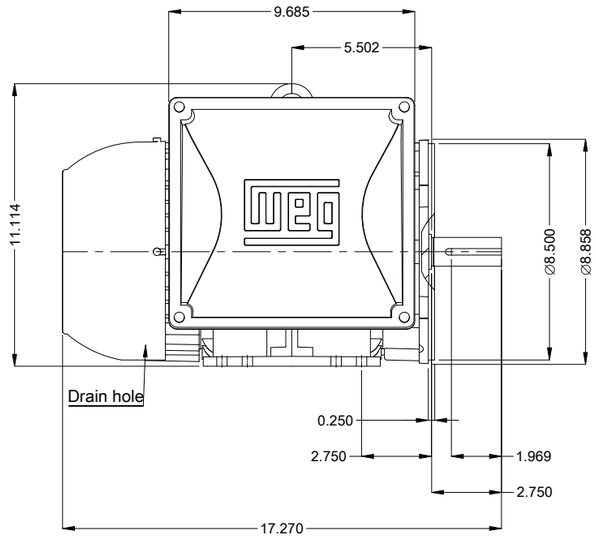
These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG 1-12.

Rev.	Changes Summary	Rev.	Checked	Date

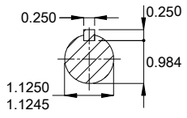
Performed by	farazq		1846957431	
Checked by	AUTOMATICO		Page	Rev.
Date	11/05/2026		1 / 1	0







DE Shaft End



Mounting NEMA F-1

Mounting B34D

2 HP 04 Poles 60 Hz | A

V.J. PAMENSKY CANADA INC.

Scale 1 : 6

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

EXECUTED	PIRWBUSER
CHECKED	
RELEASED	
REL. DATE	

SINGLE PH. MOTOR W22 FARM DUTY
FRAME 182/4TC IP55 TEFC

PREVIEW

WDD 00

SHEET 1 / 1

Dimensions in inches

A3