DATA SHEET
Three Phase Induction Motor - Squirrel Cage

Customer	: V.J. PAMENSKY CANADA INC.
Product line	: W01 - ODP - Nema Premium Efficiency
Product code	: 18849349

Frame	: 254/6TC	Locked rotor time	: 13 s (hot) 23 s (cold)
Output	: 20 HP (15 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	: 19.0 A	Protection degree	: IP21
L. R. Amperes	: 114 A	Cooling method	: IC01 - ODP
LRC	: 6.0	Mounting	: F-1/B34R(D)
No load current	: 6.80 A	Rotation[1]	: Both
Rated speed	: 3525 rpm	Noise level[2]	: 70.0 dB(A)
Slip	: 2.08 %	Vibration class	: A
Rated torque	: 29.4 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 180 %	Approx. weight[3]	: 151 lb
Pull up torque	: 135 %	Painting plan	: 207N
Breakdown torque	: 240 %	Color	: MUNSELL N 1 - MATTE
Insulation class	: F	Design	: B
Service factor	: 1.15		
Moment of inertia (J)	: 0.7855 sq.ft.lb		

Output	50%	75%	100%
Efficiency (%)	90.2	91.0	91.0
Power Factor	0.76	0.83	0.87

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

	Drive end	Non drive end
Bearing type	6309-Z-C3	6208-Z-C3
Lubrication interval	20000 h	20000 h
Lubricant amount	13 g	8 g
Lubricant type	MOBIL POLYREX EM	

Foundation loads
Max. traction :
Max. compression :

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		1853273817	
Checked by	AUTOMATICO		Page	Rev.
Date	27/05/2026		1 / 2	0

This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

DATA SHEET
Three Phase Induction Motor - Squirrel Cage

Customer	: V.J. PAMENSKY CANADA INC.
Product line	: W01 - ODP - Nema Premium Efficiency
Product code	: 18849349

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		

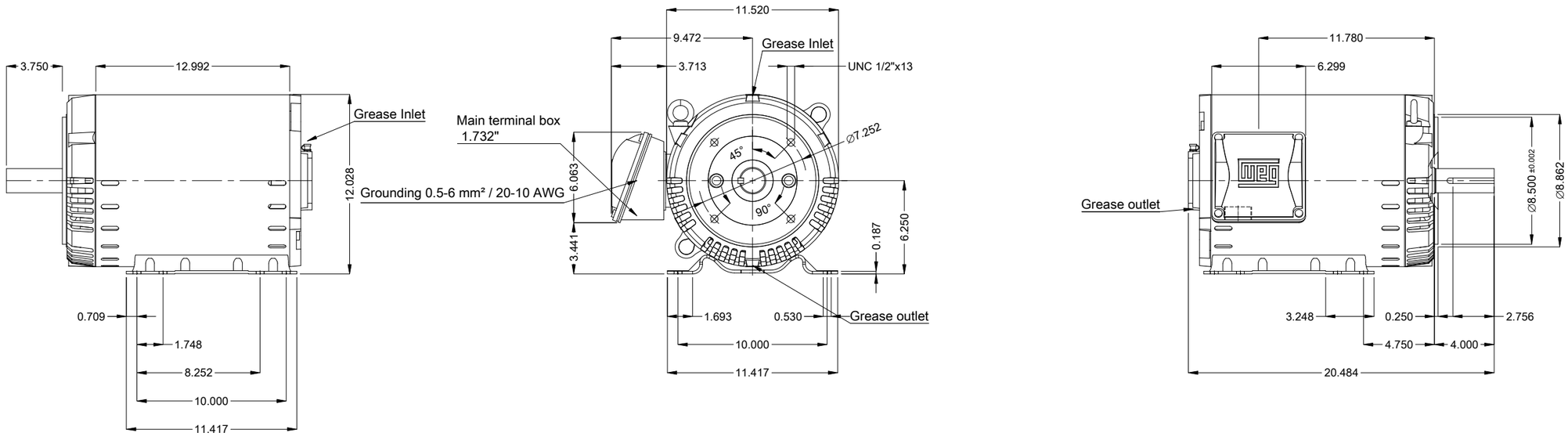
This revision replaces and cancel the previous one, which must be eliminated.
(1) Looking the motor from the shaft end.
(2) Measured at 1m and with tolerance of +3dB(A).
(3) Approximate weight, subject to be changed after manufacturing process.

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

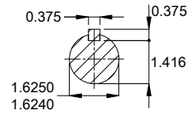
Performed by	farazq		1853273817	
Checked by	AUTOMATICO		Page	Rev.
Date	27/05/2026		2 / 2	0

This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.



Internal AEGIS ground ring on the DE
Color Munsell N 1 matte black
Painting plan 207N
Mounting MARKET F-1/B34R(D)
Mounting B34D

DE Shaft End



20 HP 02 Poles 60 Hz — A

V.J. PAMENSKY CANADA INC.

Scale 1 : 8

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

EXECUTED	PIRWBUSER
CHECKED	
RELEASED	
REL. DATE	

THREE PH. MOTOR ROLLED STEEL NEMA PREM. EFF.
FRAME 254/6TC IP21 ODP

PREVIEW

WDD 00

SHEET 1 / 1

Dimensions in inches

A3

WEG's property. Forbidden reproduction without previous authorization.