DATA SHEET
Three Phase Induction Motor - Squirrel Cage

Customer	: V.J. PAMENSKY CANADA INC.
Product line	: W01 - TEFC - Nema Premium Efficiency JM Derating
Product code	: 14616801

Frame	: 213/5JM	Cooling method	: IC411 - TEFC
Insulation class	: F	Mounting	: F-1/B34R(D)
Duty cycle	: S1	Rotation¹	: Both
Ambient temperature	: -20 °C to +40 °C	Starting method	: Direct On Line
Altitude	: 3280 ft	Approx. weight³	: 130 lb
Protection degree	: IP55	Moment of inertia (J)	: 1.08 sq.ft.lb
Design	: B		

Output		3 HP (2.2 kW)	3 HP (2.2 kW)	3 HP (2.2 kW)
Poles		6	6	6
Frequency		60 Hz	50 Hz	50 Hz
Rated voltage		230/460 V	190/380 V	220/415 V
Rated current		8.12/4.06 A	9.76/4.88 A	8.75/4.64 A
L. R. Amperes		52.8/26.4 A	50.8/25.4 A	54.3/28.8 A
LRC		6.5	5.2	6.2
No load current		4.20/2.10 A	4.20/2.10 A	4.34/2.30 A
Rated speed		1180 rpm	975 rpm	980 rpm
Slip		1.67 %	2.50 %	2.00 %
Rated torque		13.2 ft.lb	15.9 ft.lb	15.8 ft.lb
Locked rotor torque		200 %	140 %	190 %
Pull up torque		170 %	115 %	160 %
Breakdown torque		250 %	190 %	230 %
Service factor		1.15	1.15	1.15
Temperature rise		80 K	80 K	80 K
Noise level²		55.0 dB(A)	53.0 dB(A)	53.0 dB(A)
Locked rotor time (hot)		46 s	55 s	46 s
Locked rotor time (cold)		83 s	99 s	83 s
Efficiency (%)	50%	85.5	85.0	86.2
	75%	88.5	85.6	86.8
	100%	89.5	85.6	86.8
Power Factor	50%	0.60	0.64	0.60
	75%	0.70	0.76	0.70
	100%	0.76	0.80	0.76
Losses at normative operating points (speed;torque), in percentage of rated output power				
Losses (%)	P1(0,9;1,0)	11.1	16.0	14.4
	P2(0,5;1,0)	8.9	12.8	11.6
	P3(0,25;1,0)	8.1	11.6	10.4
	P4(0,9;0,5)	6.2	8.9	8.0
	P5(0,5;0,5)	4.2	6.0	5.4
	P6(0,5;0,25)	3.1	4.5	4.0
	P7(0,25;0,25)	2.3	3.3	3.0

	Drive end	Non drive end
Bearing type	6209-ZZ	6206-ZZ
Lubrication interval	-	-
Lubricant amount	-	-
Lubricant type	MOBIL POLYREX EM	

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

Notes
See notes on page 2.

Rev.	Changes Summary	Rev.	Checked	Date

Performed by	farazq		1865121251	
Checked by	AUTOMATICO		Page	Rev.
Date	24/06/2026		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 - TEFC - Nema Premium Efficiency JM Derating
Product code	: 14616801

Thermal protection ID	Application	Type	Quantity	Sensing Temperature

Notes
USABLE @208V 9.22A SF 1.15 SFA 10.6A

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

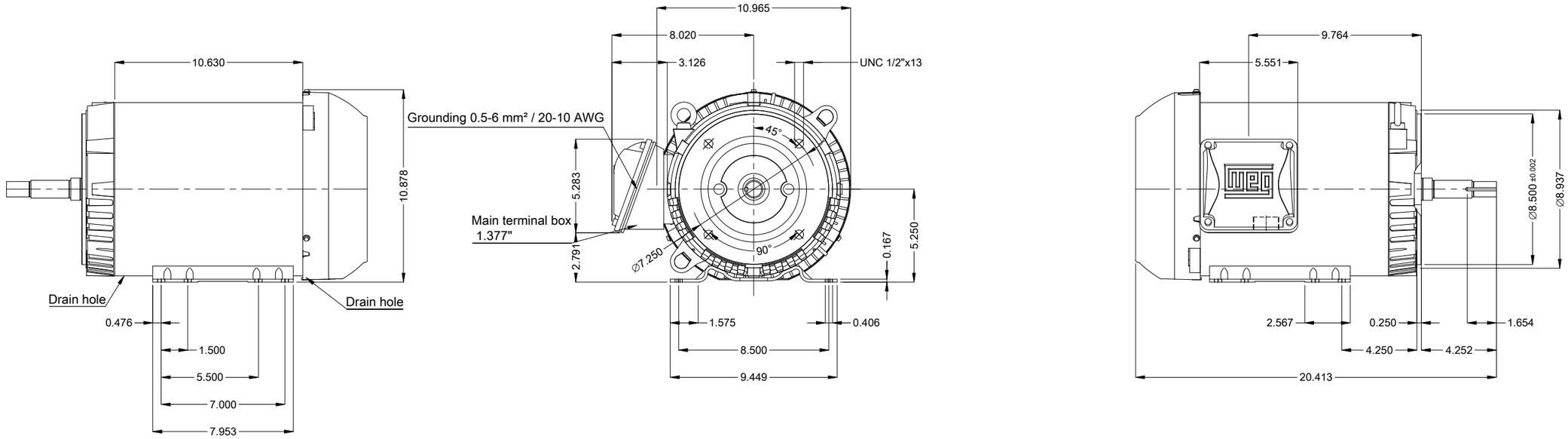
This revision replaces and cancel the previous one, which must be eliminated.
(1) Looking the motor from the shaft end.
(2) Measured at 1m and with tolerance of +3dB(A).
(3) Approximate weight, subject to be changed after manufacturing process.

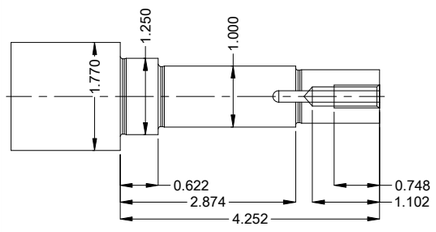
These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG 1-12.

Rev.	Changes Summary	Rev.	Checked	Date

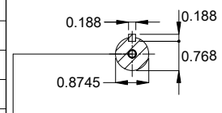
Performed by	farazq		1865121251	
Checked by	AUTOMATICO		Page	Rev.
Date	24/06/2026		2 / 2	0

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





DE Shaft End



EUNC 3/8"-16 WEG WPR-7309

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

3 HP 06 Poles 60 Hz

A

Scale 2 : 13

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

EXECUTED	HYBRISUSER
CHECKED	
RELEASED	
REL. DATE	

THREE PH. MOTOR ROLLED STEEL JM NEMA PREM. EFF.
FRAME 213/5JM IP55 TEFC

PREVIEW

WDD 00

SHEET 1 / 1

Dimensions in inches

A3

WEG's property. Forbidden reproduction without previous authorization.