DATA SHEET
Three Phase Induction Motor - Squirrel Cage

Customer	: V.J. PAMENSKY CANADA INC.
Product line	: Special Motor

Frame	: 56CZ	Locked rotor time	: 27 s (hot) 49 s (cold)
Output	: 0.25 HP (0.18 kW)	Temperature rise	: 80 K
Poles	: 4	Duty cycle	: S1
Frequency	: 60 Hz	Ambient temperature	: -20 °C to +40 °C
Rated voltage	: 575 V	Altitude	: 3280 ft
Rated current	: 0.478 A	Protection degree	: IP55
L. R. Amperes	: 3.13 A	Cooling method	: IC410 - TENV
LRC	: 6.5 Code N	Mounting	: F-1/B34R(D)
No load current	: 0.440 A	Rotation[1]	: Both
Rated speed	: 1770 rpm	Noise level[2]	: -
Slip	: 1.67 %	Vibration class	: A
Rated torque	: 0.745 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 270.0 %	Approx. weight[3]	: 22.8 lb
Pull up torque	: 245.0 %	Painting plan	: 207N
Breakdown torque	: 440.0 %	Color	: MUNSELL N 1 - MATTE
Insulation class	: H		
Service factor	: 1.00		
Moment of inertia (J)	: 0.0475 sq.ft.lb		

Output	50%	75%	100%
Efficiency (%)	61.0	67.0	70.0
Power Factor	0.40	0.47	0.54

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

	Drive end	Non drive end
Bearing type	6204-ZZ	6203-ZZ
Lubrication interval	-	-
Lubricant amount	-	-
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	martint			
Checked by			Page	Rev.
Date	06/03/2026		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	: Special Motor

Thermal protection ID	Application	Type	Quantity	Sensing Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	155°C

Notes
- CSA / UL certified motor with the following characteristics:
* Variable torque: 1000: 1
* Constant torque: 10: 1

- Motor suitable for CT 1000:1.

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

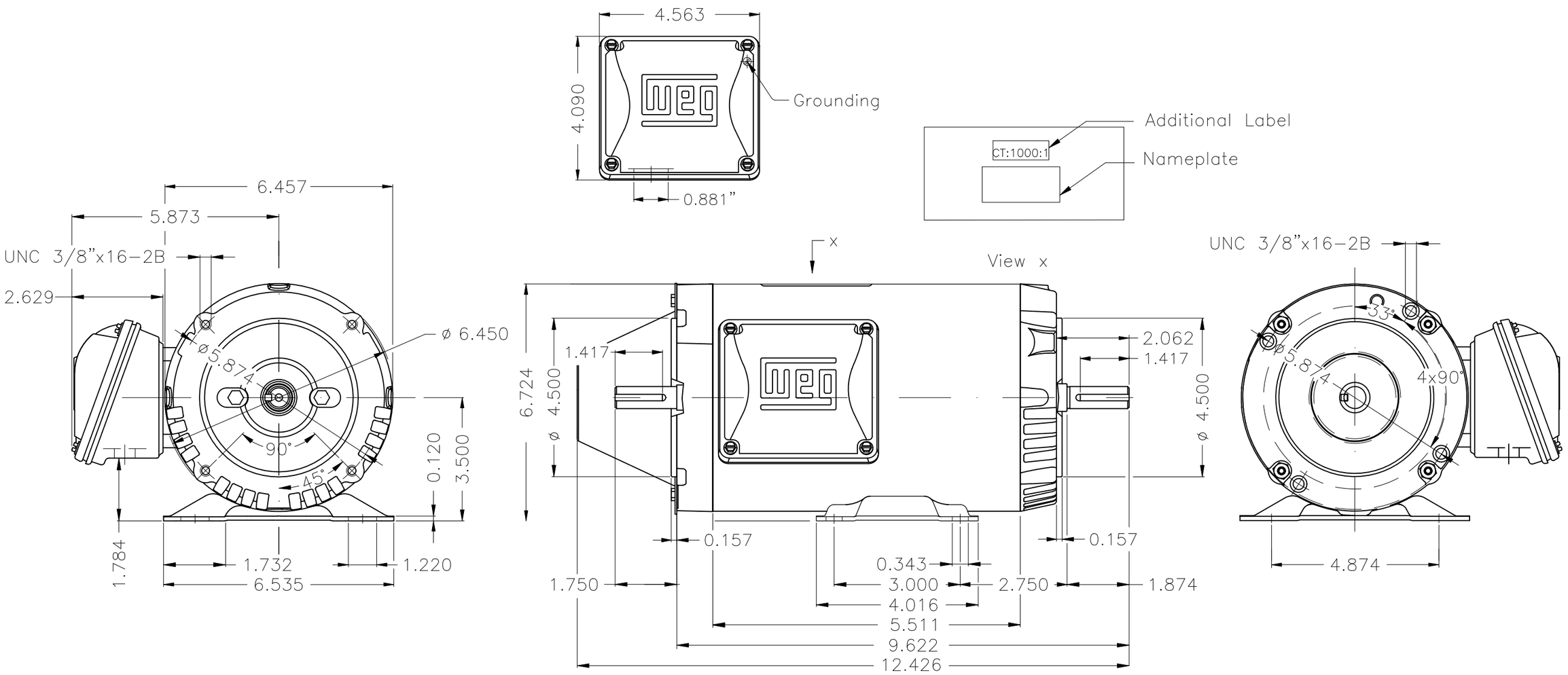
This revision replaces and cancel the previous one, which must be eliminated.
(1) Looking the motor from the shaft end.
(2) Measured at 1m and with tolerance of +3dB(A).
(3) Approximate weight, subject to be changed after manufacturing process.

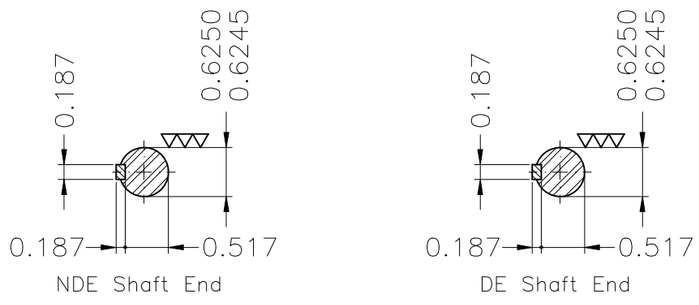
These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG 1-12.

Rev.	Changes Summary	Rev.	Checked	Date

Performed by	martint			
Checked by			Page	Rev.
Date	06/03/2026		2 / 2	0

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





Velocidad maxima segura:6000 rpm/Max safe speed:6000 rpm	
Apto para trabajar para VFD 1000: 1 CT / Suitable to work for VFD 1000:1 CT	
Placa de identificación adicional para uso del inversor / Nameplate for VFD motor	
Termostato 155°C – Desconexión / Thermal protection to switch off – thermostat 155°C	
Material del eje – SAE/ABNT 1040/45 / Shaft material – SAE/ABNT 1040/45	
Vedación – Anillos V Ring / Sealing – V ring	
Dren automático de goma / Automatic rubber drain plug	
Color Munsell N 1 negro mate / Color Munsell N 1 matte black	
Plan de pintura 207N / Painting plan 207N	
Forma constructiva F-1/B34R(D) / Mounting F-1/B34R(D)	

V.J. PAMENSKY CANADA INC.

ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
		New drawing	OSCARFLORES	MORALESR	RIOMIGUEL	23.12.2024	00

EXECUTED	OSCARFLORES	THREE PH. MOTOR ROLLED STEEL PREM. EFF.	1634259895
CHECKED	MORALESR	FRAME 56CZ IP55 TENV	WDD 00
RELEASED	RIOMIGUEL		
REL. DATE	23.12.2024	WEG HUEHUETOCA [Ventas Exportacion]	SHEET 1 / 1

0.25 HP 04 Poles 60 Hz

422512619

A

Dimensions in inches

A3

XME

WEG's property. Forbidden reproduction without previous authorization.

10012875332-00