DATA SHEET

Three Phase Induction Motor - Squirrel Cage

Customer :

Product line	: W22 NEMA Premium Efficiency Three-Phase	Product code :	12933997
		Catalog # :	

Frame	: 213/5TC	Locked rotor time	: 41s (cold) 23s (hot)
Output	: 10 HP (7.5 kW)	Temperature rise	: 105 K
Poles	: 4	Duty cycle	: Cont.(S1)
Frequency	: 60 Hz	Ambient temperature	: -20°C to +40°C
Rated voltage	: 230/460 V	Altitude	: 1000 m.a.s.l.
Rated current	: 26.7/13.3 A	Protection degree	: IP55
L. R. Amperes	: 216/108 A	Cooling method	: IC410 - TENV
LRC	: 8.1x(Code K)	Mounting	: F-1
No load current	: 11.9/5.95 A	Rotation[1]	: Both (CW and CCW)
Rated speed	: 1770 rpm	Starting method	: VFD
Slip	: 1.67 %	Approx. weight[3]	: 192 lb
Rated torque	: 29.7 ft.lb		
Locked rotor torque	: 280 %		
Breakdown torque	: 400 %		
Insulation class	: H		
Service factor	: 1.00		
Moment of inertia (J)	: 1.80 sq.ft.lb		
Design	: A		

Output	25%	50%	75%	100%
Efficiency (%)	0.000	90.5	91.7	91.7
Power Factor	0.00	0.56	0.69	0.77

Foundation loads

Max. traction	: 574 lb
Max. compression	: 765 lb

		Drive end	Non drive end
Bearing type	:	6308 ZZ	6308 ZZ
Sealing	:	V'Ring	V'Ring
Lubrication interval	:	0 h	0 h
Lubricant amount	:	0 g	0 g
Lubricant type	:	Mobil Polyrex EM	

Notes

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 changes after manufacturing process.
(4) At 100% of full load.

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

Rev.	Changes Summary	Performed	Checked	Date

Performed by				
Checked by			Page	Revision
Date	06/03/2025		1 / 2	

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Customer :

Thermal protection

ID	Application	Type	Quantity	Sensing Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	155 ºC

Rev.	Changes Summary	Performed	Checked	Date

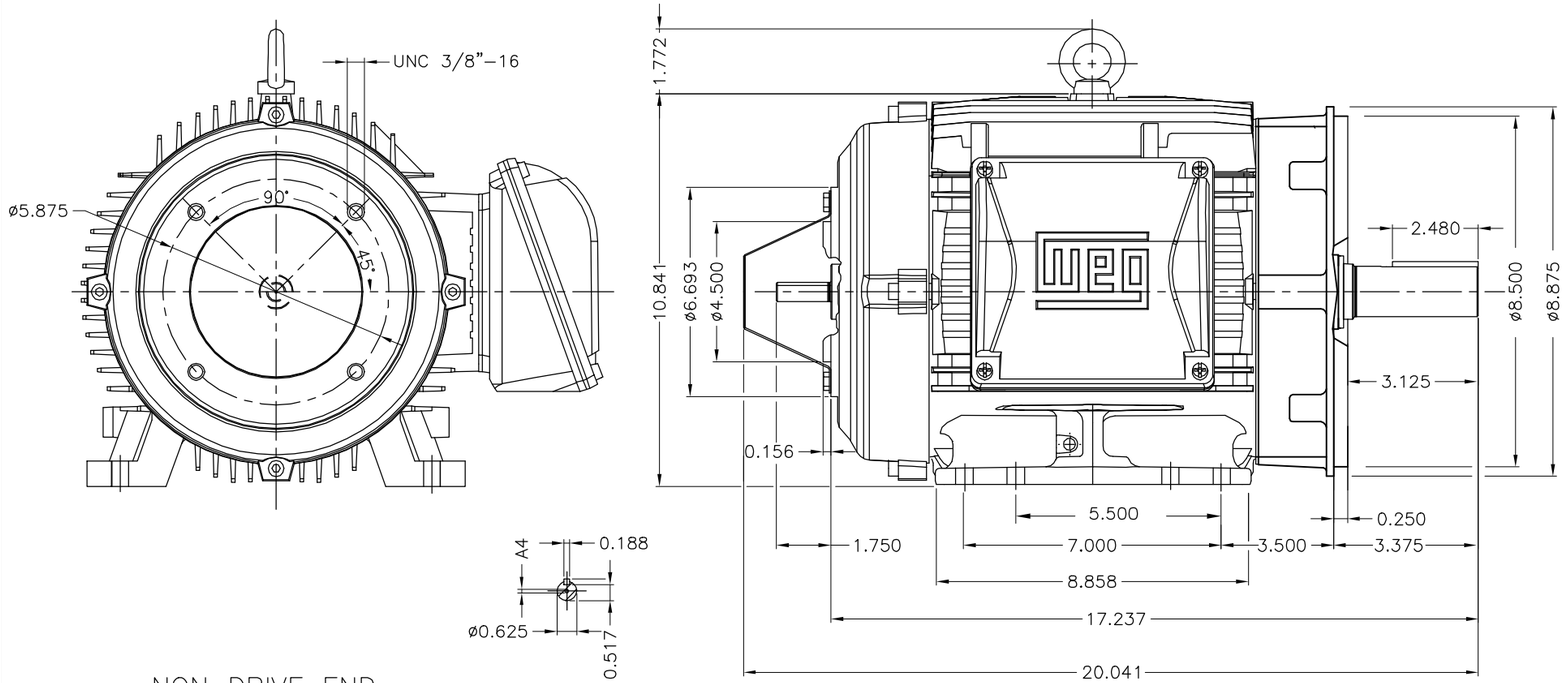
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Checked by			Page	Revision
Date	06/03/2025		2 / 2	

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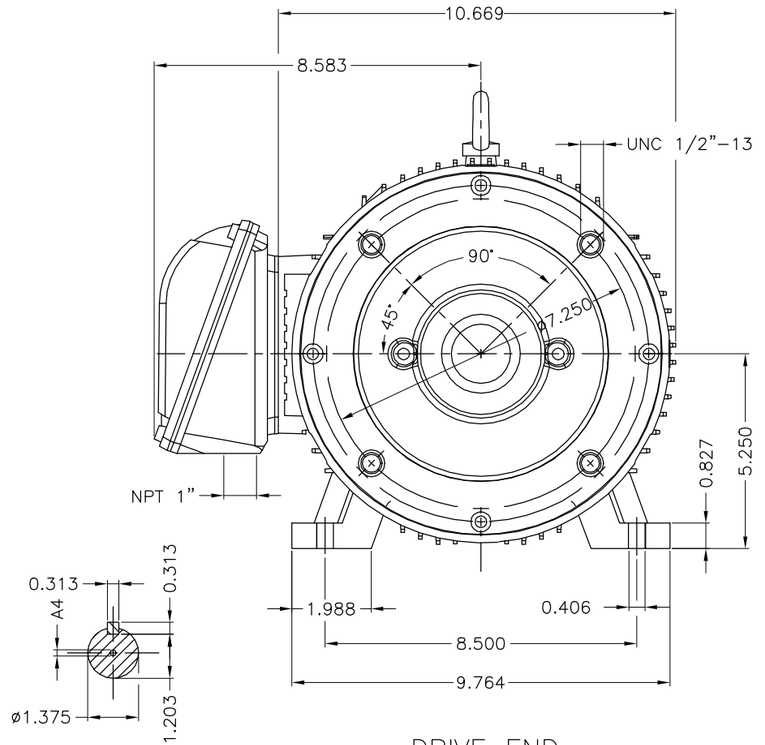
EJE/EIXO	
ESTÁNDAR/PADRÃO	
OPCIONAL/OPCIONAL	
ESPECIAL/ESPECIAL	X

Dimensões em polegada

ESTA REVISÃO SUBSTITUI E CANCELA A ANTERIOR, A QUAL DEVERA SER ELIMINADA.



NON DRIVE END



DRIVE END

Termostato 155°C – Desconexión / Thermostats 155°C to trip		
Sin ventilador / Without fan		
Sin deflectora / Without fan cover		
Anillo fijación del rodamiento / Bearing cap		
Plan de pintura 207A / Painting plan 207A		
Forma constructiva NEMA F-1 / Mounting NEMA F-1		
Forma constructiva B34R(D) / Mounting B34R(D)		

WEG ELECTRIC CORPORATION – WEC

ECM / ECM	LOC / LOC	RESUMO MODIFICAÇÃO / SUMMARY OF MODIFICATIONS	EXECUTADO / EXECUTED	VERIFICADO / CHECKED	LIBERADO / RELEASED	DATA / DATE	VER / VER
500001952677		CONFORME A CLAIM 418290715	RESTELA	IRVINGI	IRVINGI	22.06.2021	03
500001568583		ACCORDING TO CLAIM 415383210	PEREZA	MISAEL	MISAEL	28.03.2019	02

EXEC. / EXECUTED	MCANTERO	MOTOR TRIFÁSICO W22 - NEMA PREMIUM EFF	10002831057
VERIF. / CHECKED	AZUE	CARCAÇA 213/5TC IP55	000 | 03
LIBER. / RELEASED	AZUE		
DATA LB / REL DT	24.04.2014	WMX HUEHUETOCA INGENIERA DEL PRODUCTO	FOLHA / SHEET 1 / 1

OV: 20460307
PC: motor for 5GDY130A1

10 HP 04 Polos 60Hz 413400787

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CÓPIA SEM CONTROLE

LIBERADO

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