

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer : Dealers Industrial Equipment 800-469-3110
 Customer reference : 01518OT3PCD254T-W40

Product line : W40 NEMA Premium Efficiency Three-Phase Product code : 14822547
 Catalog # : 01518OT3PCD254T-W40

Frame : 254T	Locked rotor time : 30s (cold) 17s (hot)
Output : 15 HP (11 kW)	Temperature rise : 80 K
Poles : 4	Duty cycle : Cont.(S1)
Frequency : 60 Hz	Ambient temperature : -20°C to +40°C
Rated voltage : 200 V	Altitude : 1000 m.a.s.l.
Rated current : 40.2 A	Protection degree : IP23
L. R. Amperes : 258 A	Cooling method : IC01 - ODP
LRC : 6.4x(Code G)	Mounting : F-1
No load current : 15.0 A	Rotation ¹ : Both (CW and CCW)
Rated speed : 1770 rpm	Noise level ² : 62.0 dB(A)
Slip : 1.67 %	Starting method : Direct On Line
Rated torque : 43.9 ft.lb	Approx. weight ³ : 289 lb
Locked rotor torque : 240 %	
Breakdown torque : 280 %	
Insulation class : F	
Service factor : 1.25	
Moment of inertia (J) : 2.72 sq.ft.lb	
Design : B	

Output	50%	75%	100%	Foundation loads
Efficiency (%)	91.7	92.4	93.0	Max. traction
Power Factor	0.38	0.78	0.85	Max. compression

	<u>Drive end</u>	<u>Non drive end</u>
Bearing type :	6309 Z C3	6209 Z C3
Sealing :	Without Bearing Seal	Without Bearing Seal
Lubrication interval :	20000 h	20000 h
Lubricant amount :	13 g	9 g
Lubricant type :	Mobil Polyrex EM	

Notes
 downloaded from <http://dealerselectric.com>

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		Page		Revision
Checked by		1 / 2		
Date	22/04/2019			

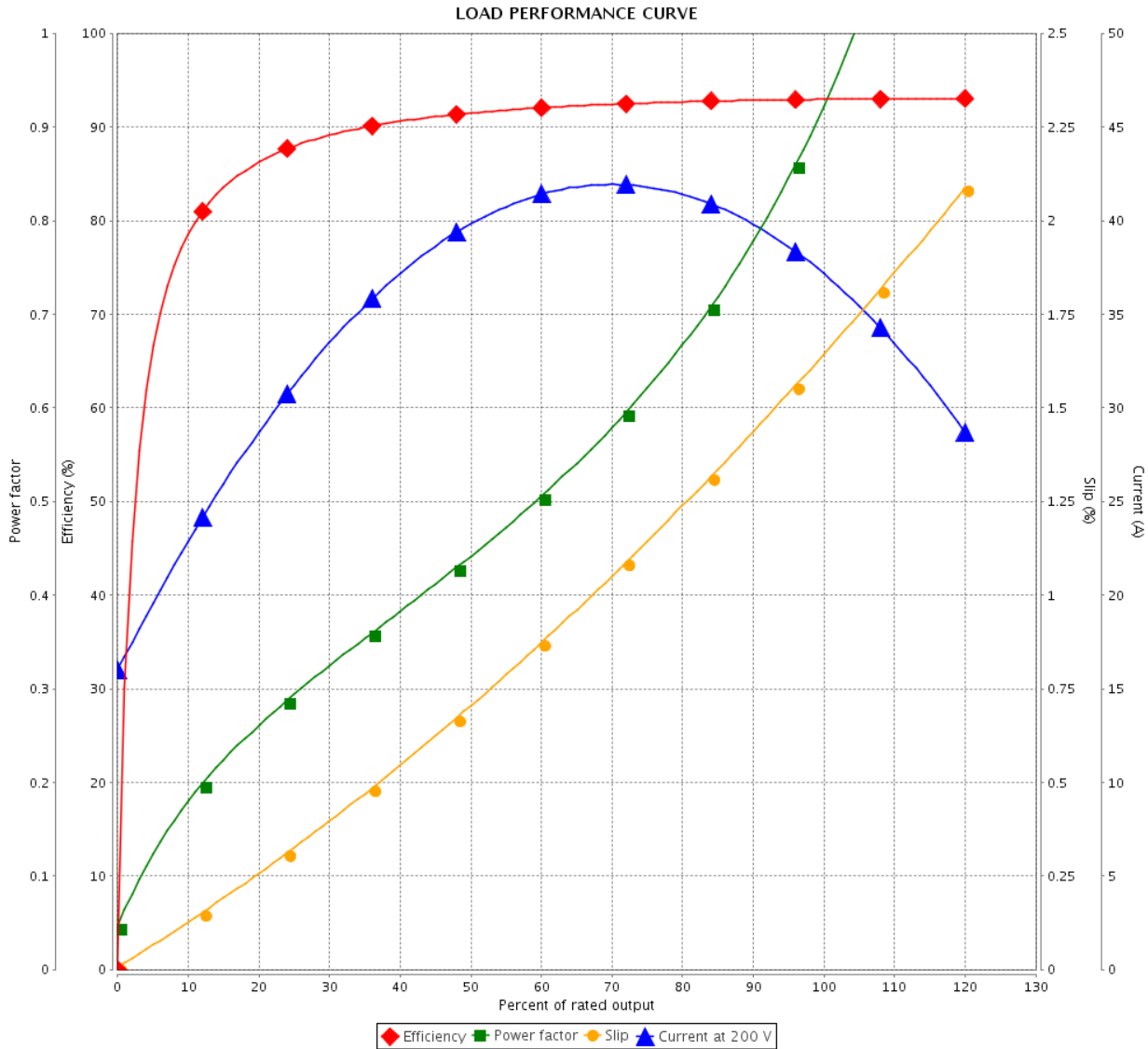
LOAD PERFORMANCE CURVE



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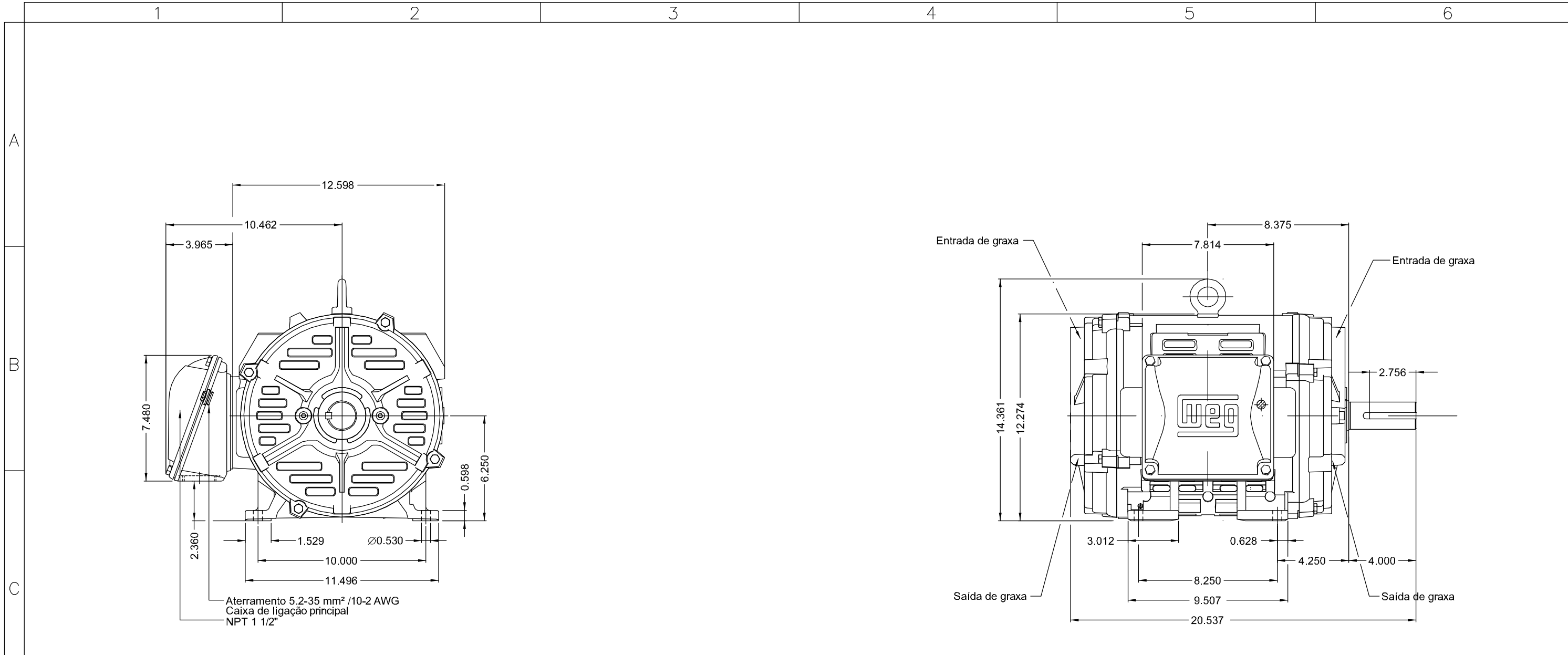
Product line : W40 NEMA Premium Efficiency Three-Phase Product code : 14822547
 Catalog # : 01518OT3PCD254T-W40



Performance : 200 V 60 Hz 4P

Rated current : 40.2 A	Moment of inertia (J) : 2.72 sq.ft.lb
LRC : 6.4	Duty cycle : Cont.(S1)
Rated torque : 43.9 ft.lb	Insulation class : F
Locked rotor torque : 240 %	Service factor : 1.25
Breakdown torque : 280 %	Temperature rise : 80 K
Rated speed : 1770 rpm	Design : B

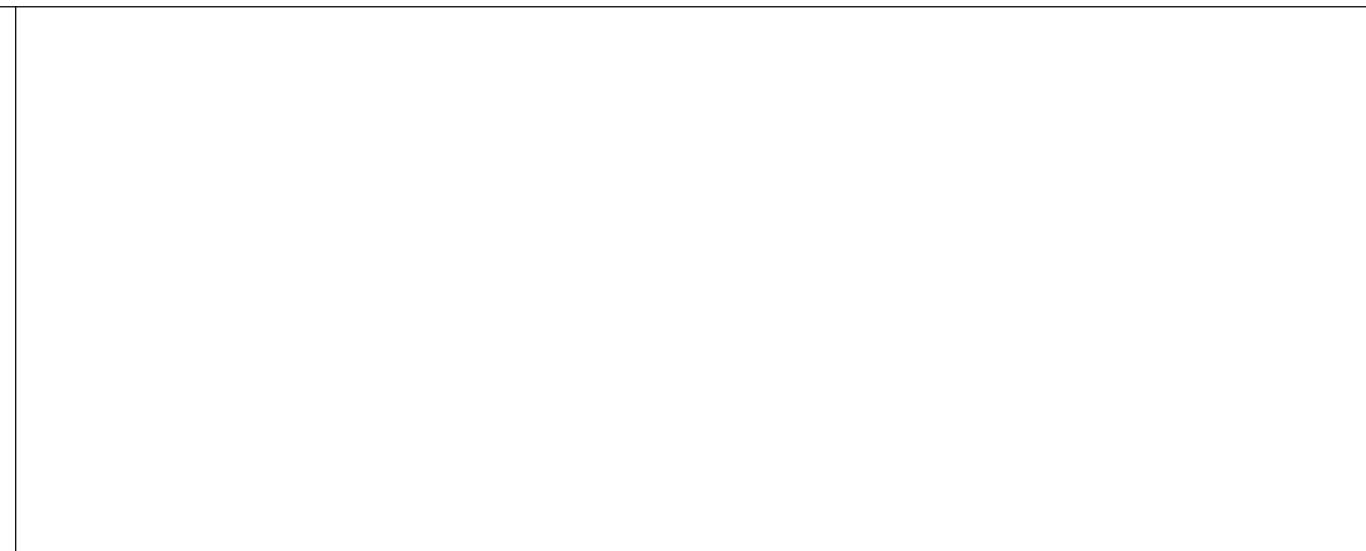
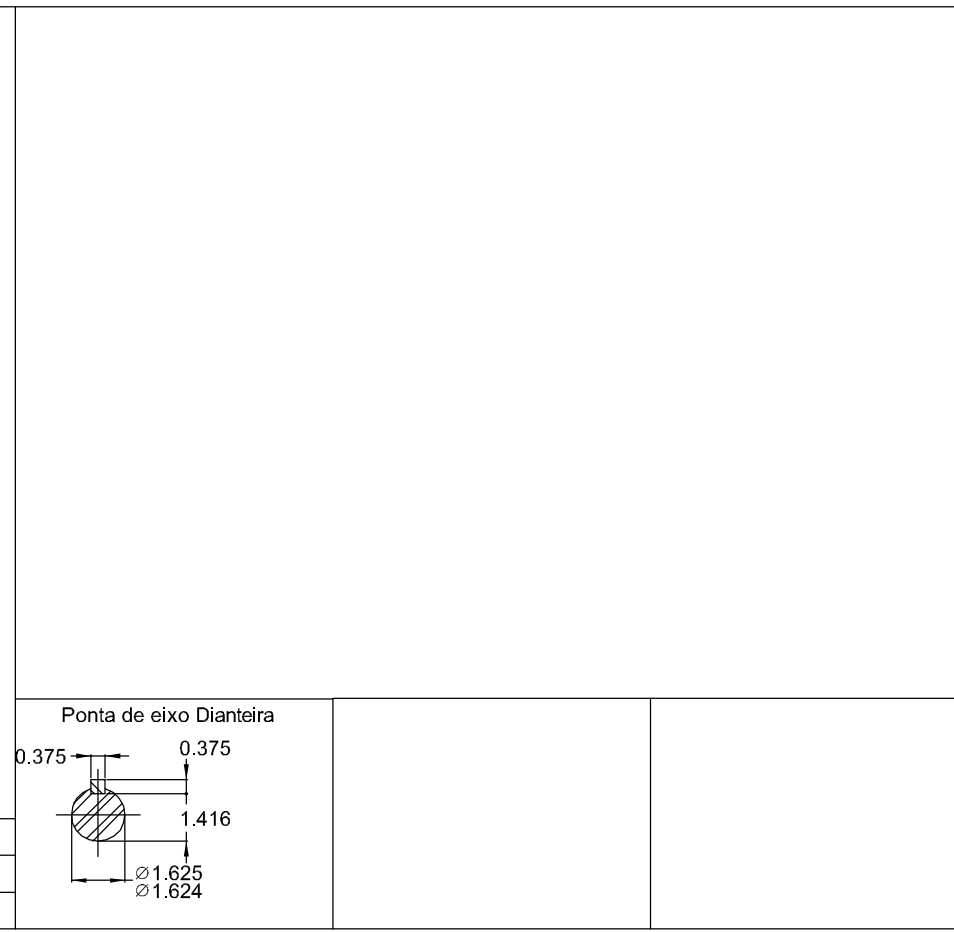
Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 2 / 2	Revision
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Cabos de ligação numerados com etiqueta

Forma construtiva NEMA F-1

Forma construtiva B3D



15 HP 04 Polos 60Hz										A
WEG ELECTRIC CORPORATION - WEC										
[1:6]										
500001573023	DOCUMENTO NOVO				NSCHMIDT	FERNANDOLUIS	MARLONB	20.03.2019	00	
ECM	LOC	RESUMO MODIFICAÇÃO				EXECUTADO	VERIFICADO	LIBERADO	DATA	VER
EXECUTOR	NSCHMIDT	MOTOR TRIFÁSICO W40 NEMA PREMIUM EFF CARÇAÇA 254T IP23 ODP				10006464151				
VERIFICADOR	FERNANDOLUIS					000	00			
LIBERADOR	MARLONB	Jaraguá do Sul				Engenharia de Produto		FOLHA		1 / 1
DATA LB.	20.03.2019	WMO								

CÓPIA SEM CONTROLE

Dimensões em polegadas

LIBERADO

ZME A3