DATA SHEET

Three Phase Induction Motor - Squirrel Cage



: 72s (cold) 40s (hot)

: 80 K

: IP55

: F-1

: Cont.(S1)

: -20°C to +40°C

: 1000 m.a.s.l.

: IC411 - TEFC

: 68.0 dB(A)

: 17.9 lb

: Direct On Line

: Both (CW and CCW)

Customer : Automation Direct

Product line : Standard Efficiency Three-Phase Product code : 14796942

Locked rotor time

Temperature rise

Protection degree

Cooling method

Starting method

Approx. weight³

Ambient temperature

Duty cycle

Altitude

Mounting

Rotation¹

Noise level²

Frame : 56C

Output : 0.33 HP (0.25 kW)

Poles : 2 Frequency : 60 Hz

Rated voltage : 208-230/460 V
Rated current : 1.33-1.20/0.602 A
L. R. Amperes : 8.52-7.71/3.85 A

LRC : 6.4x(Code L)
No load current : 0.621-0.720/0.360 A

Rated speed : 3485 rpm | Slip : 3.19 % | Rated torque : 0.497 ft.lb

Locked rotor torque: 250 %Breakdown torque: 300 %Insulation class: FService factor: 1.15

25%

Moment of inertia (J) : 0.0389 sq.ft.lb

50% 75% 100% Foundation loads

Efficiency (%) 44.9 48.0 57.5 62.0 Max. traction : 8 lb Power Factor 0.44 0.72 0.79 0.84 Max. compression : 26 lb

Drive end
Bearing typeNon drive end
6203 ZZSealing:6203 ZZV'RingWithout Bearing Seal

Lubrication interval : Lubricant amount : -

Lubricant amount : - - Mobil Polyrex EM

Notes

Output

USABLE @208V SF 1.00

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.

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TORQUE AND CURRENT VS SPEED CURVE

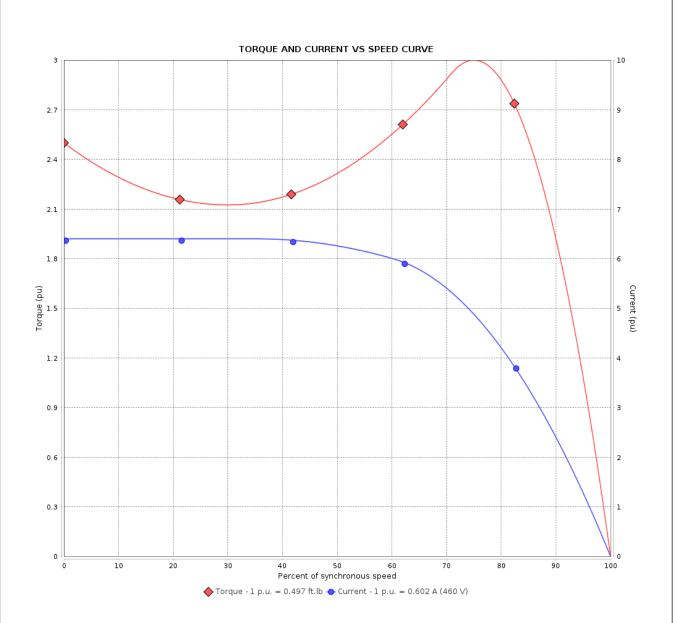
Three Phase Induction Motor - Squirrel Cage



Customer : Automation Direct

Product line : Standard Efficiency Three-Phase Product code : 14796942

Catalog #: .3336ES3E56C-S



LRC: 6.4Duty cycle: Cont.(S1)Rated torque: 0.497 ft.lbInsulation class: FLocked rotor torque: 250 %Service factor:

Breakdown torque : 300 % Temperature rise : 80 K Rated speed : 3485 rpm

Locked rotor time : 72s (cold) 40s (hot)

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LOAD PERFORMANCE CURVE

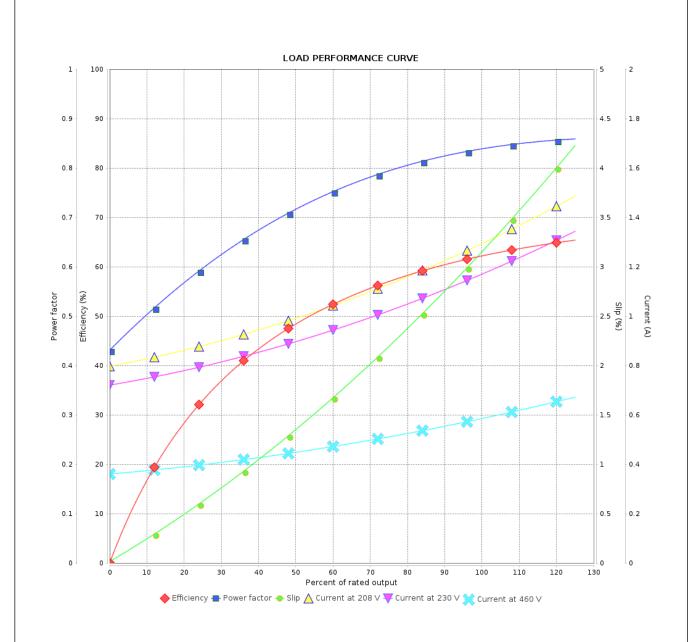
Three Phase Induction Motor - Squirrel Cage



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Performance	: 208-230/460 V 60 Hz 2P				
Rated current LRC Rated torque Locked rotor torq Breakdown torqu Rated speed		Moment of Duty cycle Insulation Service fa Temperat	class ctor	: 0.0389 sq.ft : Cont.(S1) : F : : 80 K	.lb
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This do	oumant is evaluative	property of MEC C/A Deprinting is not all	awad without writton	authorization of ME	C C/A

THERMAL LIMIT CURVE

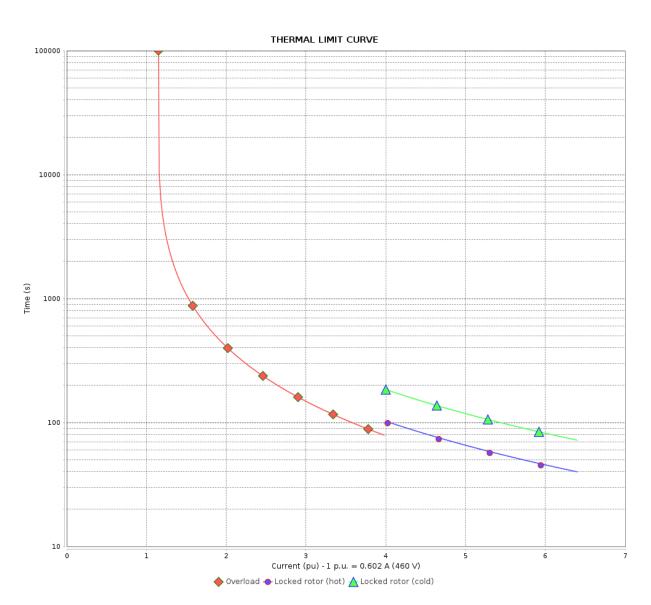
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Performance	: 208-230/460 V 60 Hz 2P)				
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Heating constant						
Cooling constant						
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VFD OPERATION CURVE

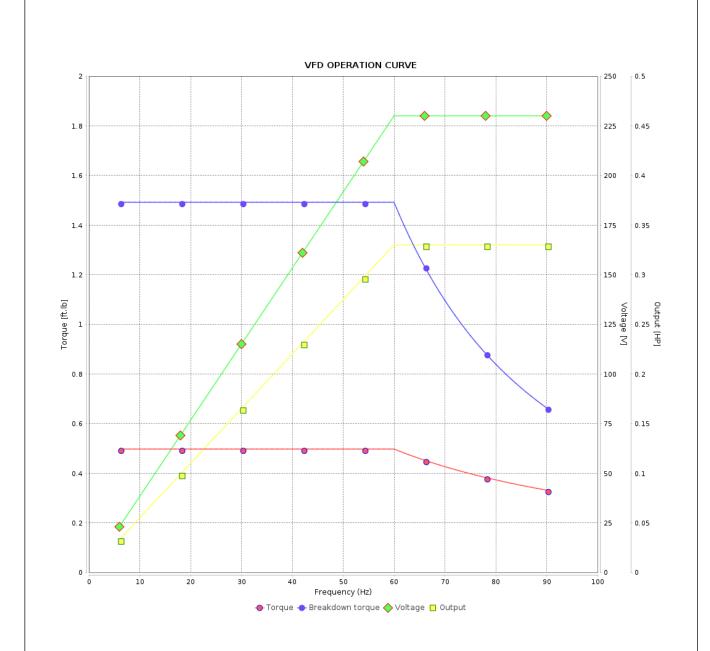
Three Phase Induction Motor - Squirrel Cage



Customer : Automation Direct

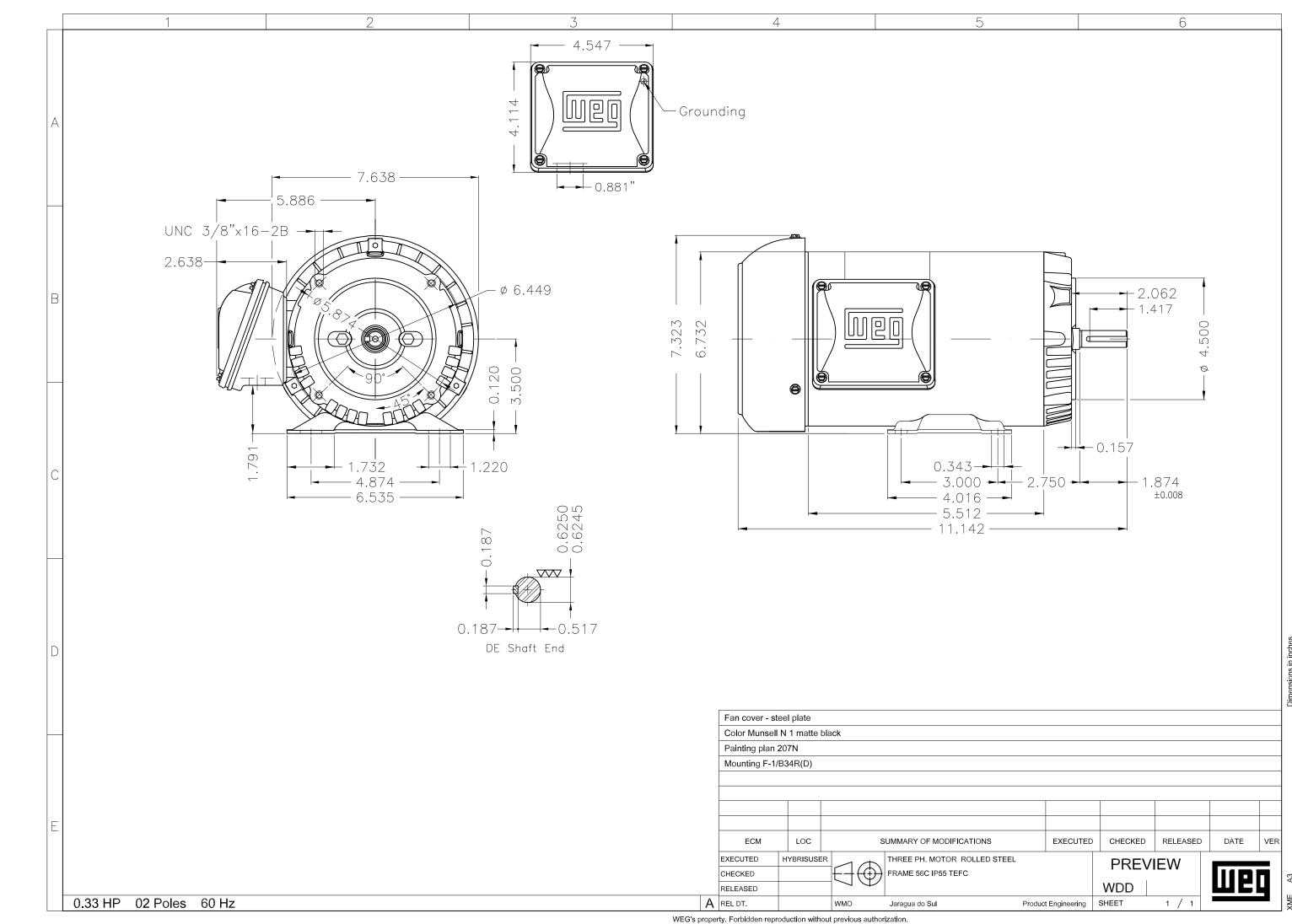
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UL)US LISTED

SAFE AREA

3PT9

MADE IN BRAZIL

14796942

For 60Hz: Class I, Zone 2, IIC Class I, DIv.2, Gr. A,B,C,D - T3 Div 2 Inverter Duty (SF1.00) CT 2:1/VT 1000:1

MODEL .3336ES3E56C-S 8 B NO1.TEOICOXOX 8AUG2022

8 4 CONT 56C

1000 m.a.s.l

P55

F AT 80K

NSC INC. W

1.33-1.20/0.602 208-230/460

1.33-1. 1.15

3FA

SPM 냃 쌆

> CODE DES

> TEFC 20°C

SF1.00

SABLE @ 208V

NEMA

62.0% NOM EFF 50 Hz

2850RPM

1.27-1.14/0.635-0.604A

ALTERNATE RATING:

IEC 60034-1

(IE2)

SF1.15

190-220/380-415V

EFF 67.2%

For safe area-Inverter duty motor For 60Hz use on VPWM 1000:1 VT. 10:1 CT MOBIL POLYREX EM

8202-ZZ 0.33HP

ODE

8203-ZZ

牌

9

2

T8-RED

shocks. Disconnect power source before servicing unit. NTERCHANGE ANY TWO LINE WIRES TO REVERSE THE ROTATION WARNING: Motor must be grounded in accordance with local ind national electrical codes to prevent serious electrical

choc électrique grave. Déconnectez l'alimentation ayant l'entretien de la machine.

T9-RRK RFD 13-ORG I7-PNK T5-BLK

AVERTISSEMENT: Le moteur doit être mis à la terre

T2-WHT F6-GRY r4-YEL 1-810

conformément aux codes électriques locaux et nationaux afin d'éviter tout