DATA SHEET

Three Phase Induction Motor - Squirrel Cage



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Customer	:						
Product line	: Rollec Three-F		Premium Efficier	Product code : Catalog # :	12630271 00518OT3E184T-S		
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torq Breakdown torqu Insulation class Service factor Moment of inertia	е	: 182/4T : 5 HP (3.7 k : 4 : 60 Hz : 230/460 V : 12.7/6.33 A : 91.2/45.6 A : 7.2x(Code : 6.29/3.15 A : 1760 rpm : 2.22 % : 14.9 ft.lb : 200 % : 310 % : F : 1.15 : 0.4003 sq.f	J)	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 21s (cold) 12s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IC01 - ODP : F-1 : Both (CW and CCW) : 55.0 dB(A) : Direct On Line : 79.6 lb		
Output	50%	75%	100%	Foundation loads			
Efficiency (%)	88.5 88.2 87.5	88.5 87.3 87.7	89.5 84.8 86.4	Max. traction	: 271 lb		
Power Factor	0.63 0.71 0.64	0.76 0.82 0.76	0.82 0.86 0.83	Max. compression	: 351 lb		
Bearing type : 6206 ZZ Sealing : Without Bearing Se Lubrication interval : - Lubricant amount : -		6206 ZZ	Non drive end 6205 ZZ Without Bearing Seal - -				
Lubricant type :		: Mobil Polyrex EM					

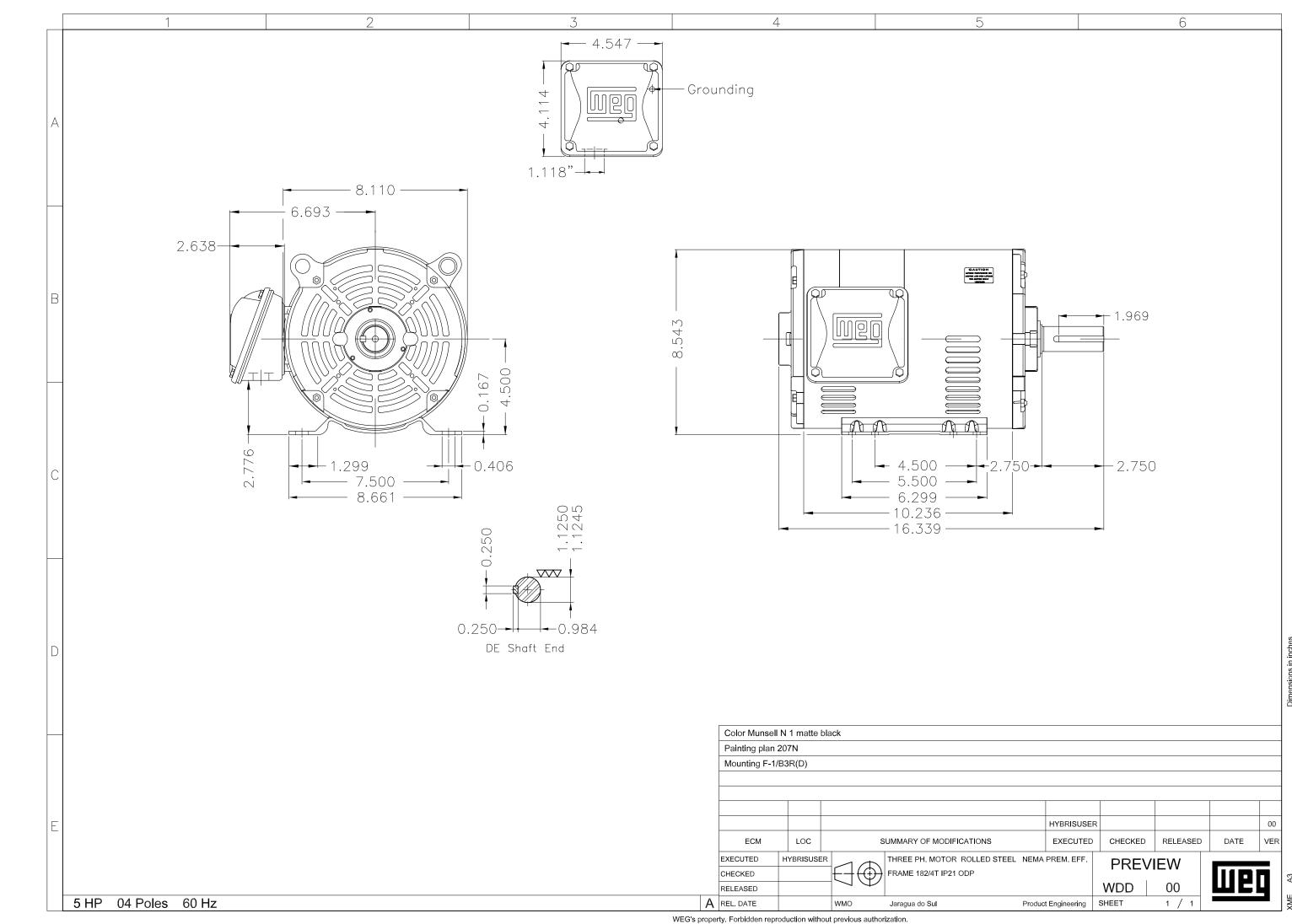
Notes:

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	10/01/2024			1/1	



MADE IN MÉXICO

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Energy Verifi 3PT9

> MODEL 005180T3E184T-S S/N N01.TODICOXON 2JAN2024

12630271

9 4 182/4T CONT

DES 1000 m.a.s.l F AT 80K 2°04

> NS CL NCL

WB

12.7/6.33 14.6/7.28 230/460

1.15

CODE ODP

5.0HP ALTERNATE RATING:

Inverter duty motor For 80Hz use on VPWM 1000:1 VT. ODE 8205-22 15.4-13.5/7.71-7.18A

8206-ZZ

牌

MOBIL POLYREX EM

IEC 60034-1

SF1.15 5:1 CT

190-220/380-415V

89.5%

NOM EFF NEMA 1445RPM

50 Hz

ZPM 3FA 냃 쌆

EFF 84.8%

T2-WHT

T4-YEL

r3-org T9-RED 7-PNK 11-BLU 15-BLK

MOT

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NTERCHANGE ANY TWO LINE WIRES TO REVERSE THE ROTATION

shocks. Disconnect power source before servicing unit. WARNING: Motor must be grounded in accordance with local ind national electrical codes to prevent serious electrical

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

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

AVERTISSEMENT: Le moteur doit être mis à la terre

