DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer		:						
Product line		: NEI Phas		m Efficiency	Three-	Product code : Catalog # :	12674734 00518OT3H184TC-S	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inert Design	rque Jue	: 5 H : 4 : 60 I : 575 : 5.06 : 36.9 : 7.25 : 176 : 2.22 : 14.9 : 200 : 310 : F	6 V 6 A 5 A x(Code J) 2 A 60 rpm 2 % 9 ft.lb		Temp Duty Ambi Altitu Cooli Mour Rota Noise Start	ing method nting	: 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 : 90.4 lb	
Output	25%	50%	75%	100%	Founda	ation loads		
Efficiency (%) Power Factor	87.5 0.38	88.5 0.63	88.5 0.76	89.5 0.82	Max. tr Max. c	action ompression	: 250 lb : 341 lb	
Pooring type				e end		Non drive en	<u>d</u>	

Bearing type : 6206 ZZ 6205 ZZ
Sealing : Without Bearing Seal Without Bearing Seal
Lubrication interval : - -

Lubricant amount : -

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	12/04/2022			1/6	

TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

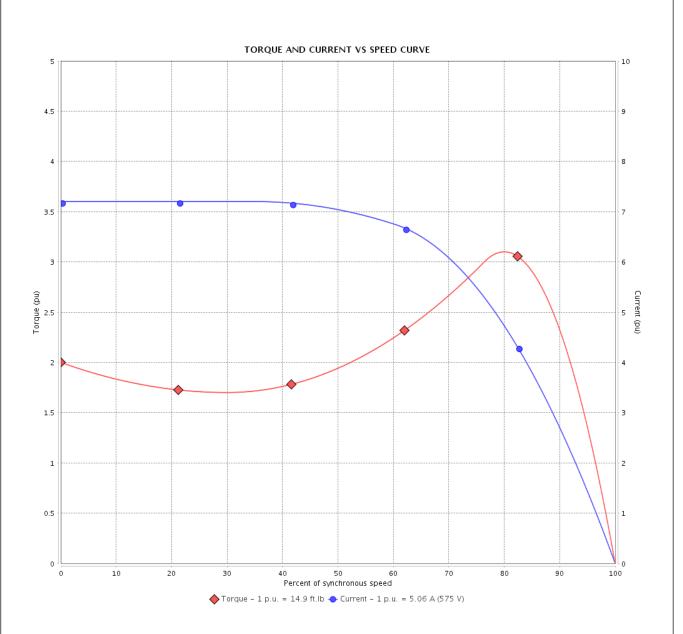


Customer

Product line : NEMA Premium Efficiency Three-Product code:

Catalog #: 00518OT3H184TC-S

12674734



Performance : 575 V 60 Hz 4P Rated current : 5.06 A Moment of inertia (J) : 0.4003 sq.ft.lb **LRC** : 7.2 Duty cycle : Cont.(S1) : F Insulation class Rated torque : 14.9 ft.lb : 200 % Service factor Locked rotor torque : 1.15 Breakdown torque : 310 % Temperature rise : 80 K Rated speed : 1760 rpm Design : B Locked rotor time : 21s (cold) 12s (hot)

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	12/04/2022			2/6	

LOAD PERFORMANCE CURVE

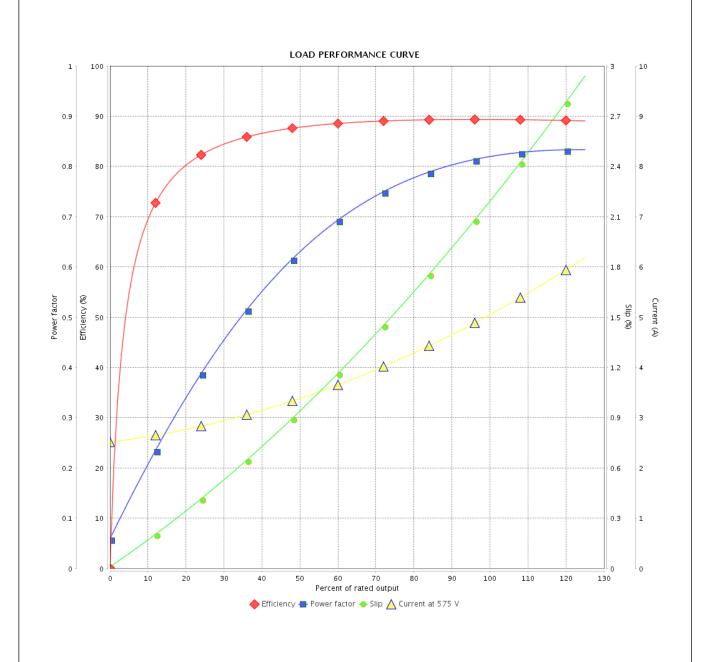
Three Phase Induction Motor - Squirrel Cage



Customer

Product line : NEMA Premium Efficiency Three-Product code: 12674734

Catalog #: 00518OT3H184TC-S



Performance	: 5	: 575 V 60 Hz 4P						
Rated current		.06 A Moment of inertia (J)		: 0.4003 sq.ft.lb				
LRC	: 7	7.2	Duty cycle	Duty cycle				
Rated torque		14.9 ft.lb	Insulation class		: F			
Locked rotor torque		200 %	Service fa	ctor	: 1.15			
Breakdown torque	: :	310 %	Temperati	Temperature rise		: 80 K		
Rated speed	: 1	1760 rpm	Design	Design				
Rev.		Changes Summary	у	Performed	Checked	Date		
Performed by								
Checked by					Page	Revision		
Date	12/04/2022				3/6			

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



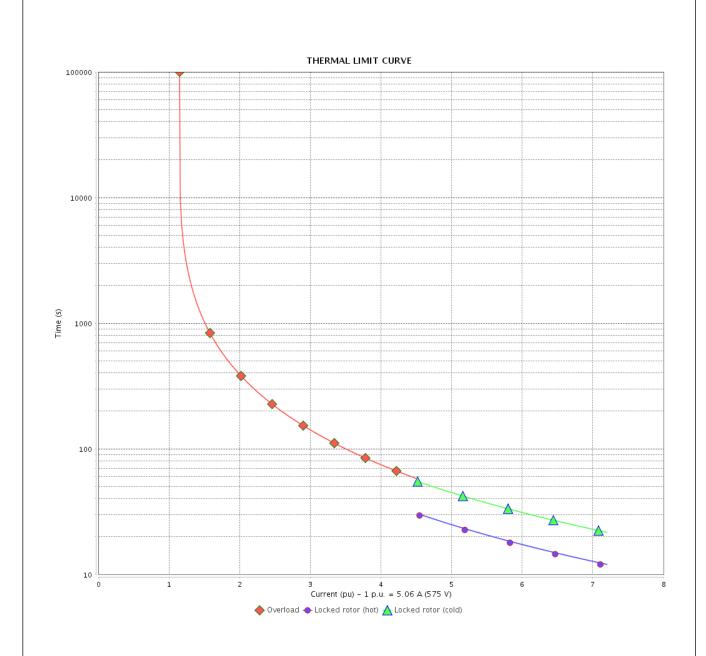
Customer	:				
Product line	: NEMA Premium Efficiency Phase		Product code :	12674734 00518OT3H1	84TC-S
Rated current LRC Rated torque Locked rotor torque	: 575 V 60 Hz 4P : 5.06 A : 7.2 : 14.9 ft.lb : 200 % : 310 %	Moment of Duty cycle Insulation Service fac	class	: 0.4003 sq.ft.ll : Cont.(S1) : F : 1.15	0
	: 1760 rpm Changes Summary	Temperatu Design	Performed	: 80 K : B	Date
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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage



Customer



Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	12/04/2022			5/6	

VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



Customer :

Checked by

Date

12/04/2022

Product line : NEMA Premium Efficiency Three-

Phase

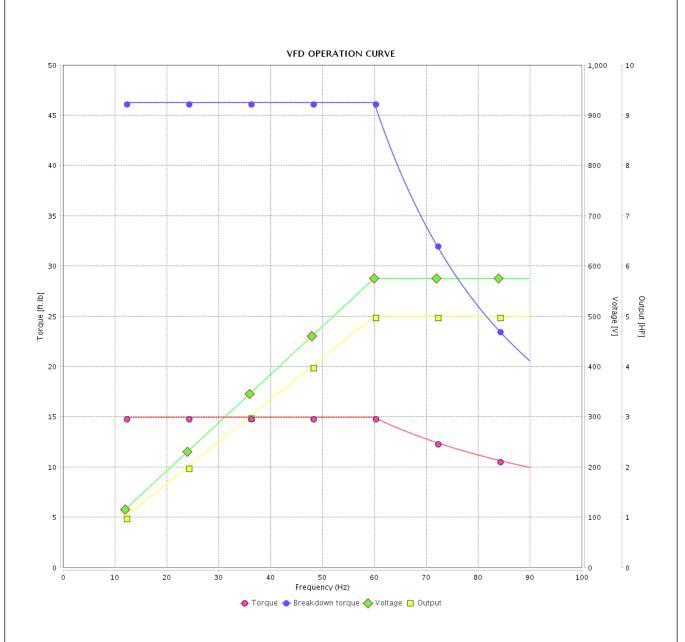
Product code: 12674734

Catalog #: 00518OT3H184TC-S

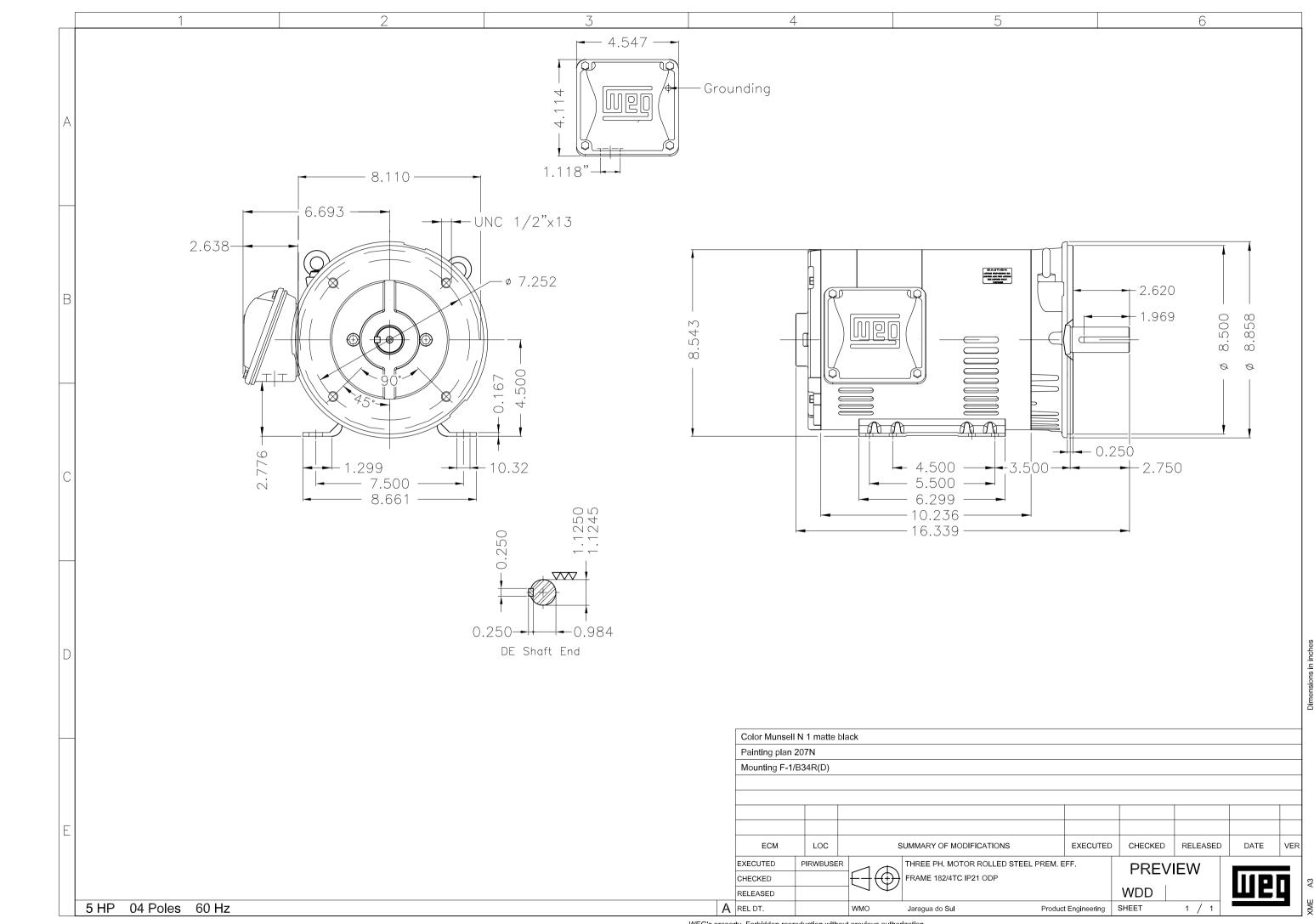
Page

6/6

Revision



Performance	: 5	575 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor tord Breakdown torqu Rated speed	: 7 : 1 jue : 2 ie : 3	: 5.06 A : 7.2 : 14.9 ft.lb : 200 % : 310 % : 1760 rpm		Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		b
Rev.	Rev. Changes Summary		ıry	Performed	Checked	Date
Performed by						







(**VL)**US LISTED 3PT9

& Energy Verifi

> S/N CP005504NPW01 18MAR2022

CC029A

12674734

MADE IN MÉXICO

W01.TOOIC0X0N

8 걒 182/4TC CONT

1000 m.a.s.l

5.06 5.82 1.15

575

3FA 쑮

F AT 80K

NSC INC. WB

2°04

RPM 쌆

CODE DES

ODP

0.82 NEMA

NOM. EFF 89.5%

Inverter duty motor For use on VPWM 1000:1 VT, 5:1 CT MOBIL POLYREX EM

ODE 6205-22

8206-ZZ

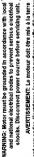
牌

T2-WHT

T1-BLU

NTERCHANGE ANY TWO LINE WIRES TO REVERSE THE ROTATION





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

