

TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



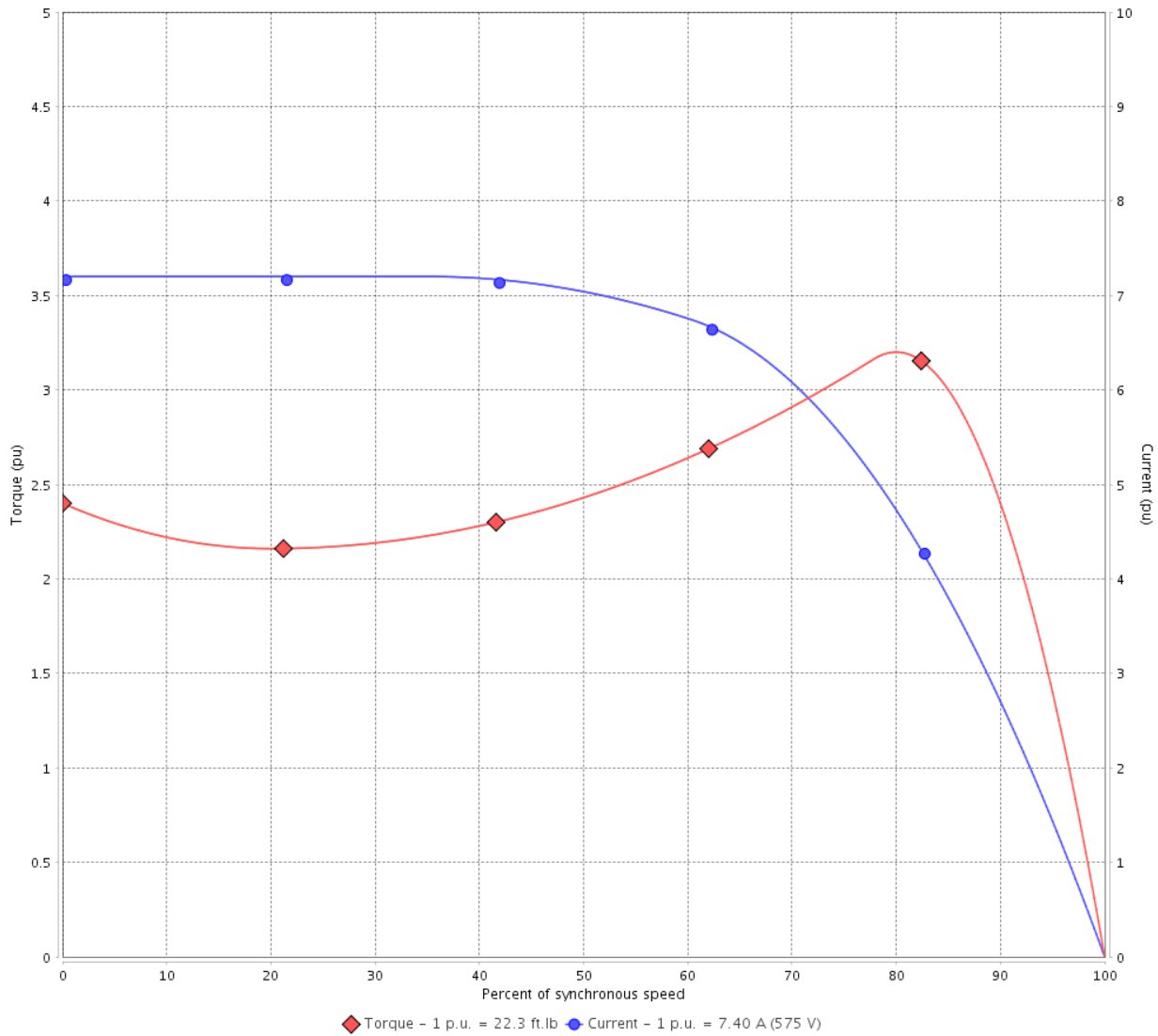
Customer :

Product line : JP Pump NEMA Premium Efficiency Three-Phase

Product code : 12682726

Catalog # : 00718OT3H213JP-S

TORQUE AND CURRENT VS SPEED CURVE



Performance : 575 V 60 Hz 4P

Rated current	: 7.40 A	Moment of inertia (J)	: 1.03 sq.ft.lb
LRC	: 7.2	Duty cycle	: Cont.(S1)
Rated torque	: 22.3 ft.lb	Insulation class	: F
Locked rotor torque	: 240 %	Service factor	: 1.15
Breakdown torque	: 320 %	Temperature rise	: 80 K
Rated speed	: 1770 rpm	Design	: B

Locked rotor time : 23s (cold) 13s (hot)

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 2 / 6	Revision
Checked by				
Date	13/04/2022			

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

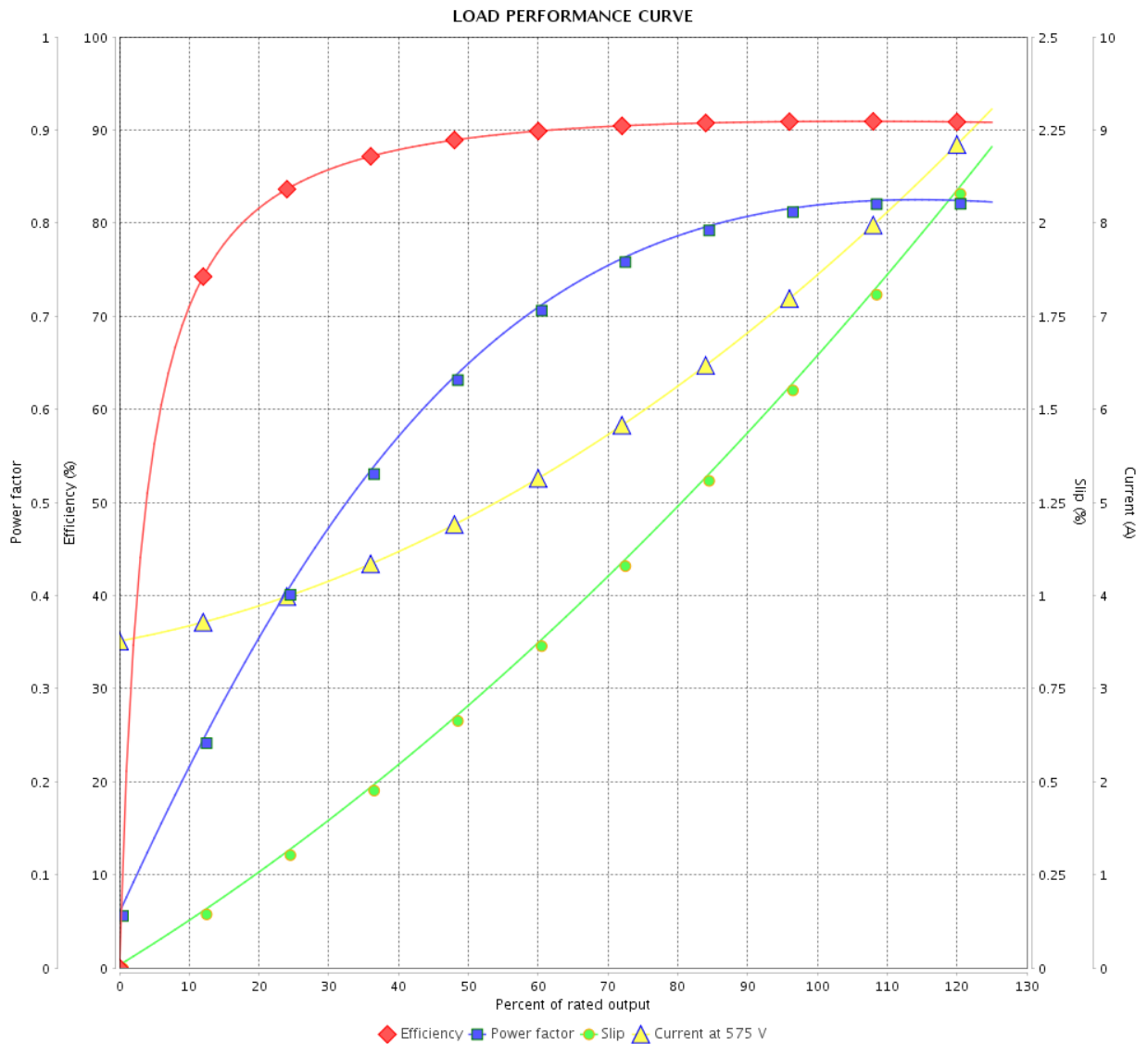


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THERMAL LIMIT CURVE

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Heating constant

Cooling constant

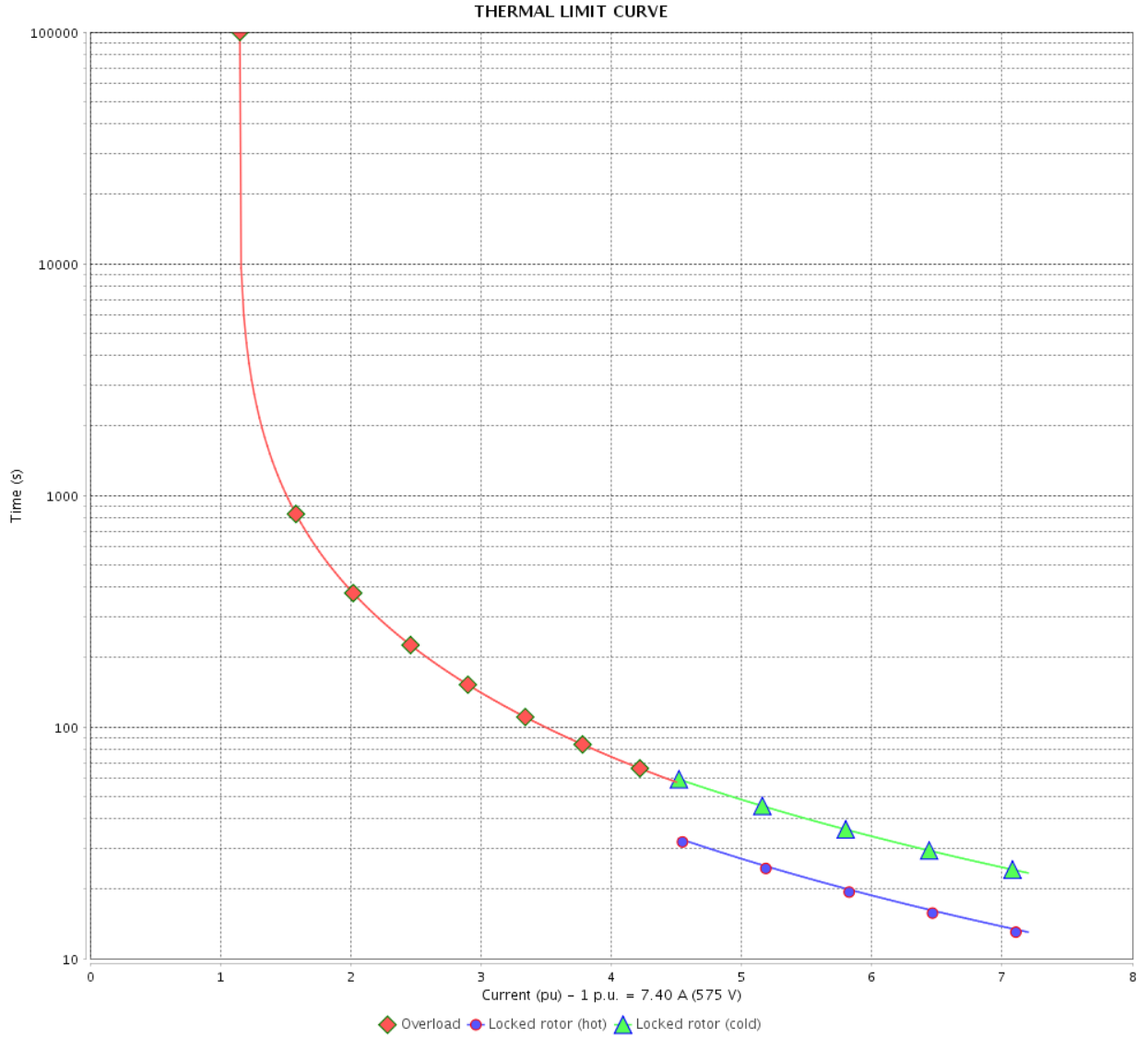
Rev.	Changes Summary	Performed	Checked	Date
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THERMAL LIMIT CURVE

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Customer : _____



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VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



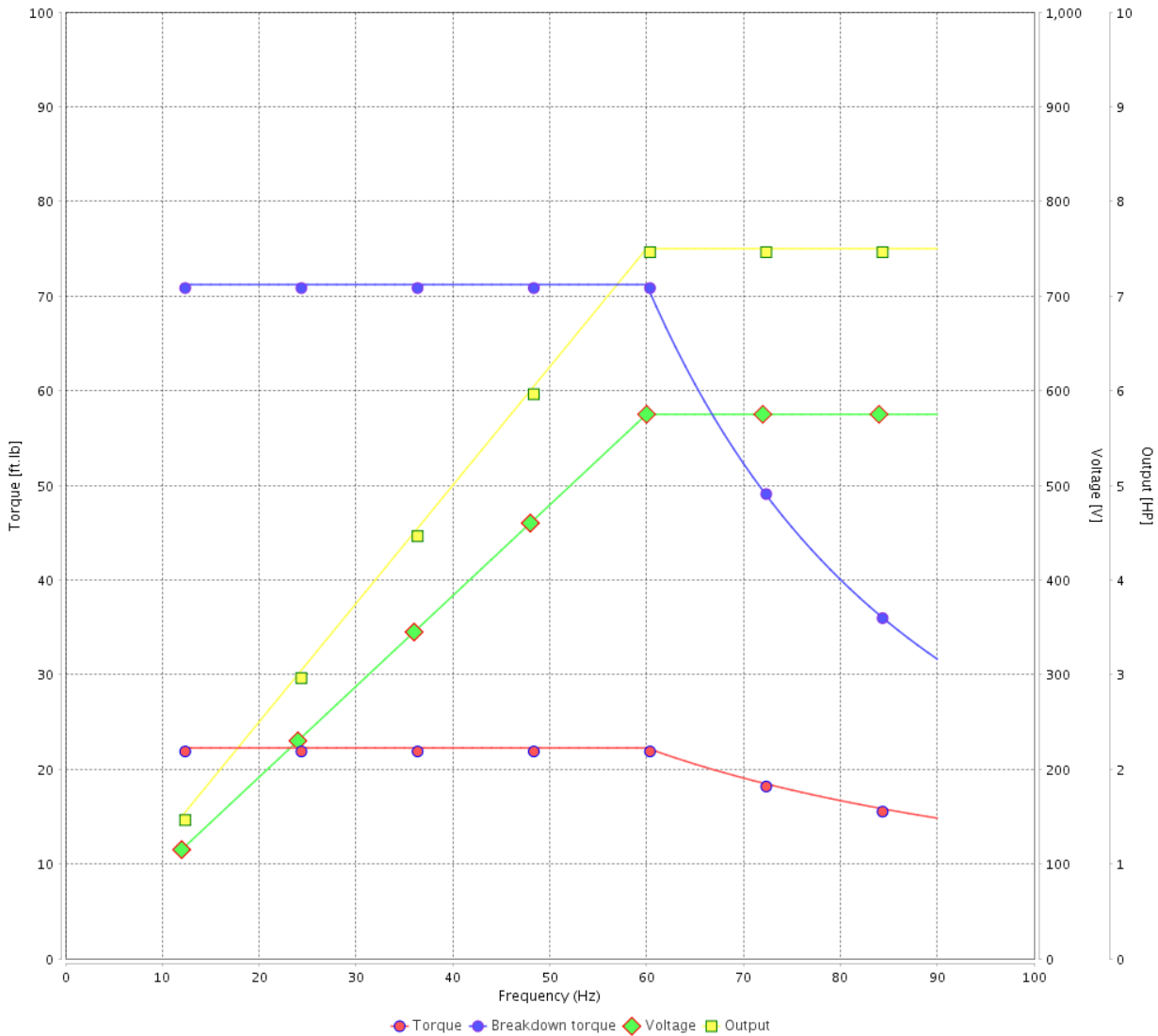
Customer : _____

Product line : JP Pump NEMA Premium Efficiency Three-Phase

Product code : 12682726

Catalog # : 007180T3H213JP-S

VFD OPERATION CURVE



Performance : 575 V 60 Hz 4P

Rated current : 7.40 A
 LRC : 7.2
 Rated torque : 22.3 ft.lb
 Locked rotor torque : 240 %
 Breakdown torque : 320 %
 Rated speed : 1770 rpm

Moment of inertia (J) : 1.03 sq.ft.lb
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : B

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Date	13/04/2022			

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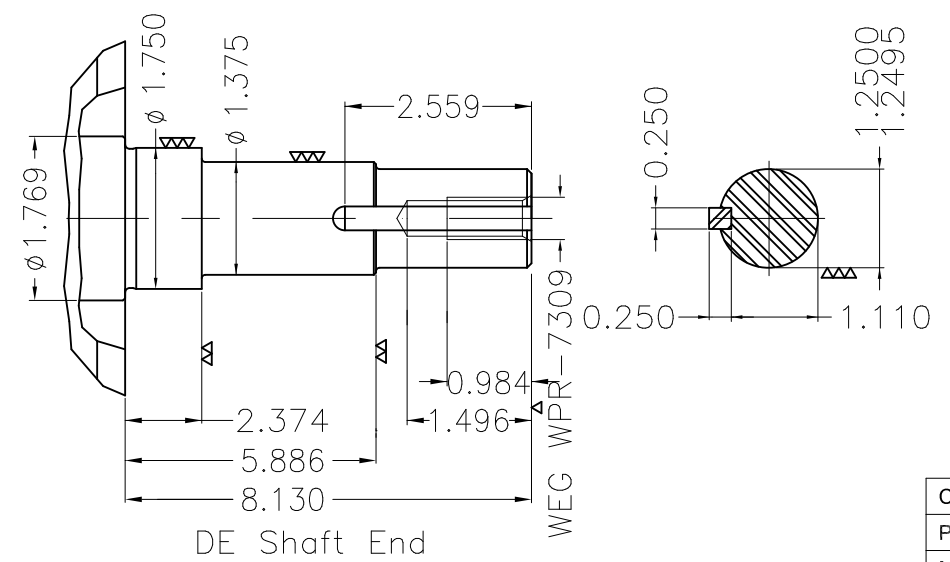
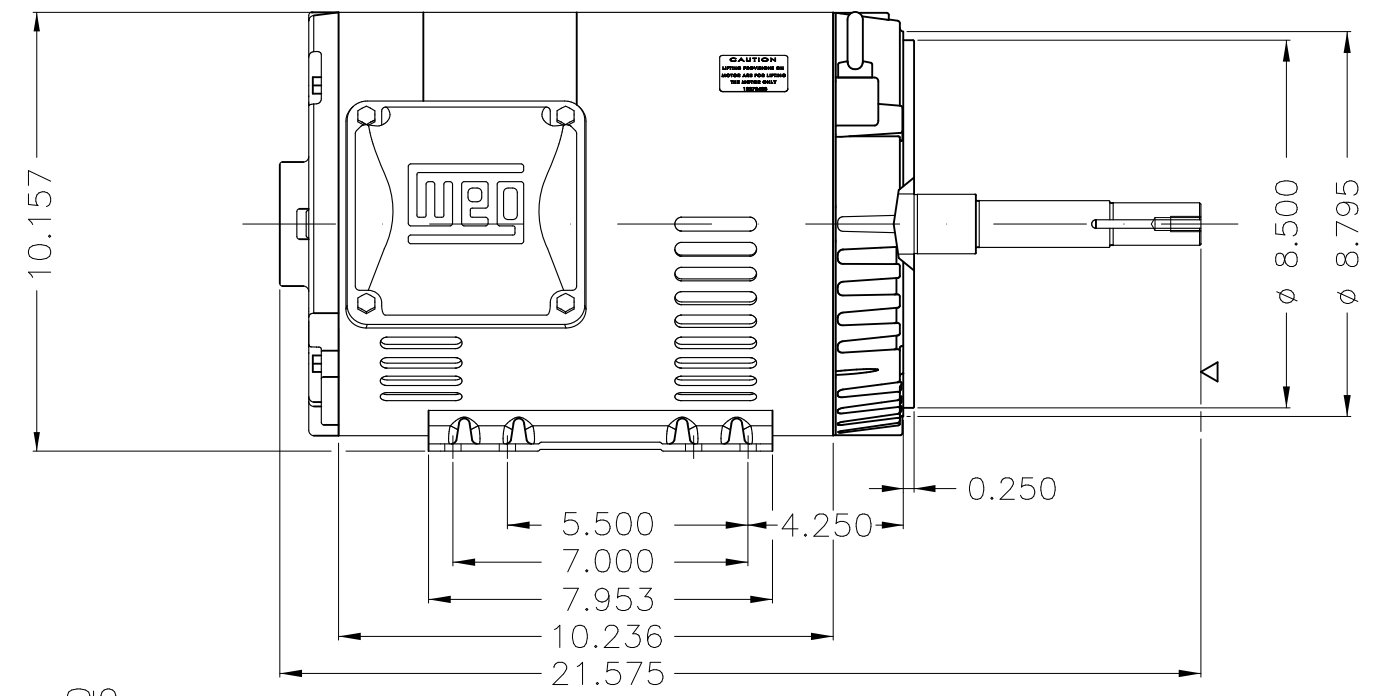
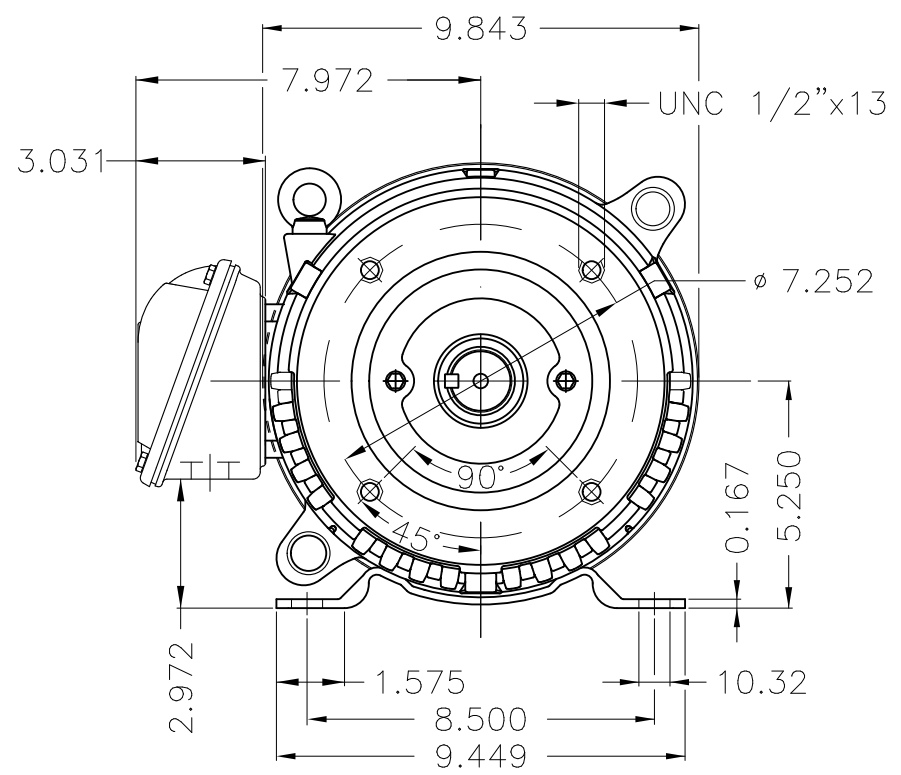
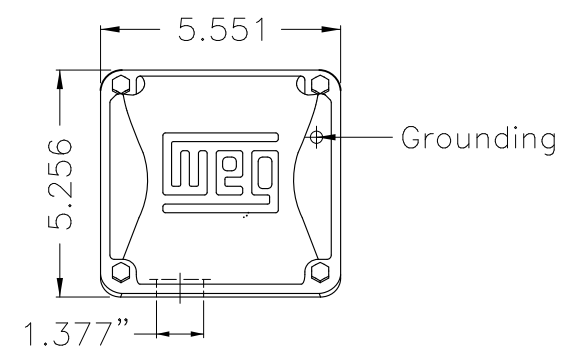
A

B

C

D

E



EUNC 1/2"-13 WEG WPR-7309

DE Shaft End

Color Munsell N 1 matte black									
Painting plan 207N									
Mounting F-1/B34R(D)									
ECM	LOC	SUMMARY OF MODIFICATIONS			EXECUTED	CHECKED	RELEASED	DATE	VER
EXECUTED	PIRBUSER	THREE PH. MOTOR ROLLED STEEL CLOSE COUPLED PUMP JP 5/05 DE PRELIM							
CHECKED		FRAME 213/5JP IP21 ODP							
RELEASED									
REL DT.		WMO	Jaragua do Sul	Product Engineering					

7.5 HP 04 Poles 60 Hz

PREVIEW
WDD
SHEET 1 / 1





NEMA
Premium



MADE IN MEXICO

MAT: 12682726 CC029A

W01.T00IC0X0N

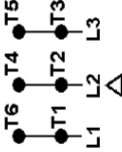
MODEL 007180T3H213JP-S

25MAR2022 S/N:

PH 3	Hz 60	HP 7.5
FR 213/5.JP		KW 5.5
DUTY CONT.		V 575
ALT 1000 m.a.s.l		A 7.40
INS CL F AT 80K		SFA 8.51
AMB 40°C	DES B	SF 1.15
ENCL ODP	CODE H	PF 0.82
		RPM 1770
		NEMA NOM. EFF 91.0%

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

DE 6209-ZZ ODE 6206-ZZ MOBIL POLYREX EM



T1-BLU
T2-WHT
T3-ORG
T4-YEL
T5-BLK
T6-GRY

INTERCHANGE ANY TWO LINE WIRES TO REVERSE THE ROTATION

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



AVERTISSEMENT: Le moteur doit être mis à la terre

conformément aux codes électriques locaux et nationaux afin d'éviter tout choc électrique grave. Déconnectez l'alimentation avant l'entretien de la machine.

