

TORQUE AND CURRENT VS SPEED CURVE

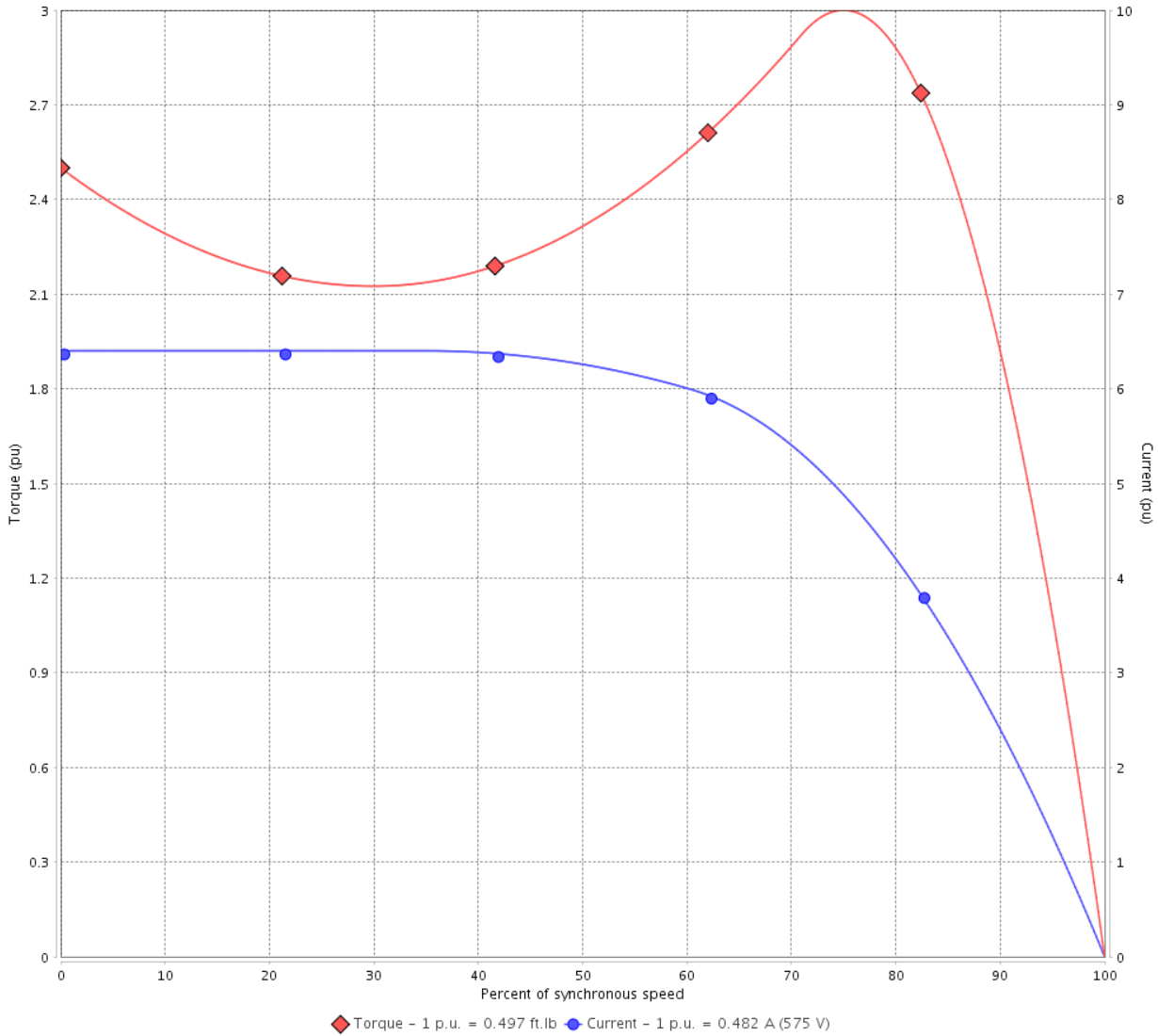
Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : Standard Efficiency Three-Phase Product code : 12895587
 Catalog # : .3336ES3H56C-S

TORQUE AND CURRENT VS SPEED CURVE



Performance : 575 V 60 Hz 2P

Rated current	: 0.482 A	Moment of inertia (J)	: 0.0389 sq.ft.lb
LRC	: 6.4	Duty cycle	: Cont.(S1)
Rated torque	: 0.497 ft.lb	Insulation class	: F
Locked rotor torque	: 250 %	Service factor	: 1.15
Breakdown torque	: 300 %	Temperature rise	: 80 K
Rated speed	: 3485 rpm		

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

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Performed by			Page 2 / 5	Revision
Checked by				
Date	11/04/2022			

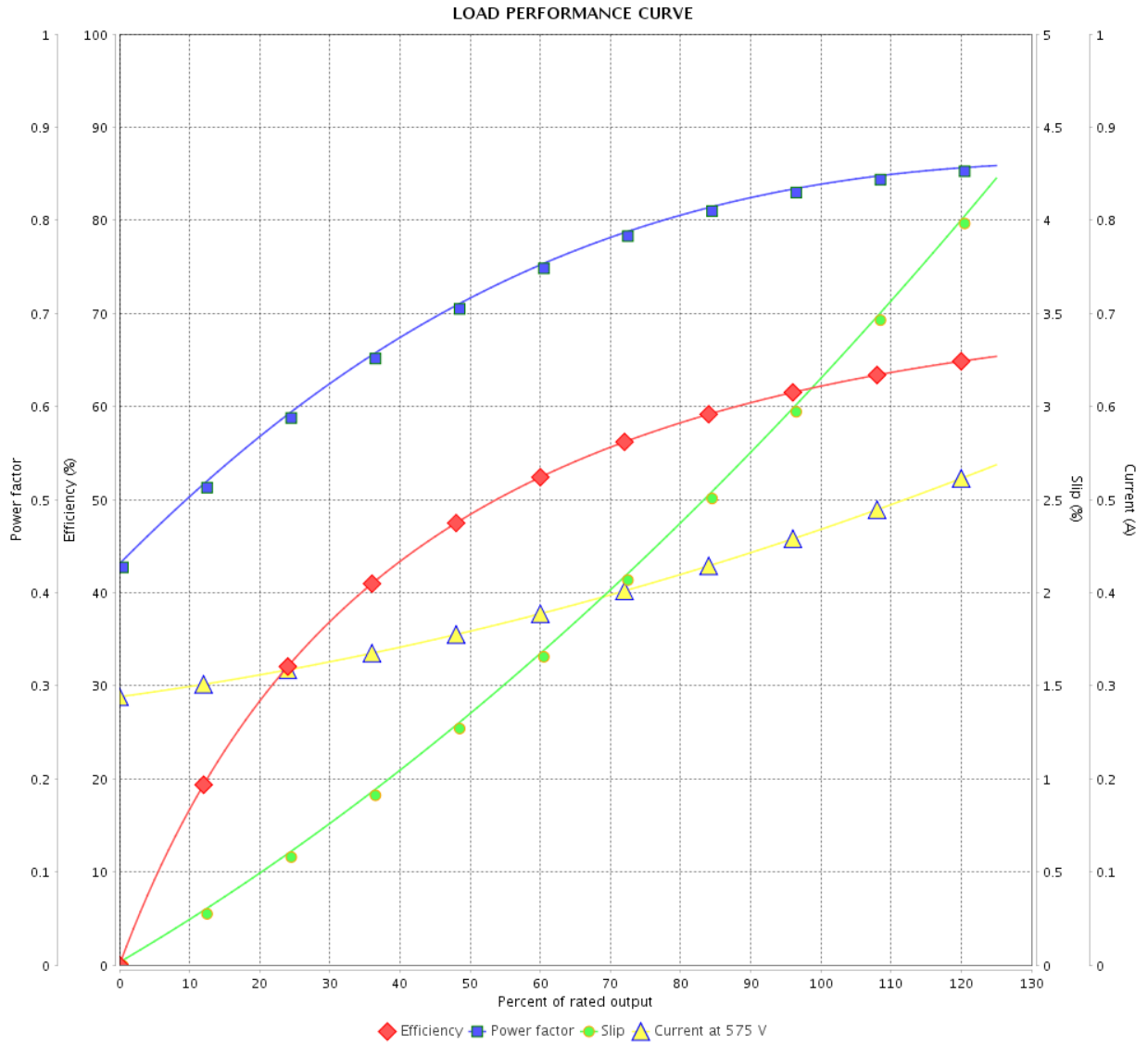
LOAD PERFORMANCE CURVE

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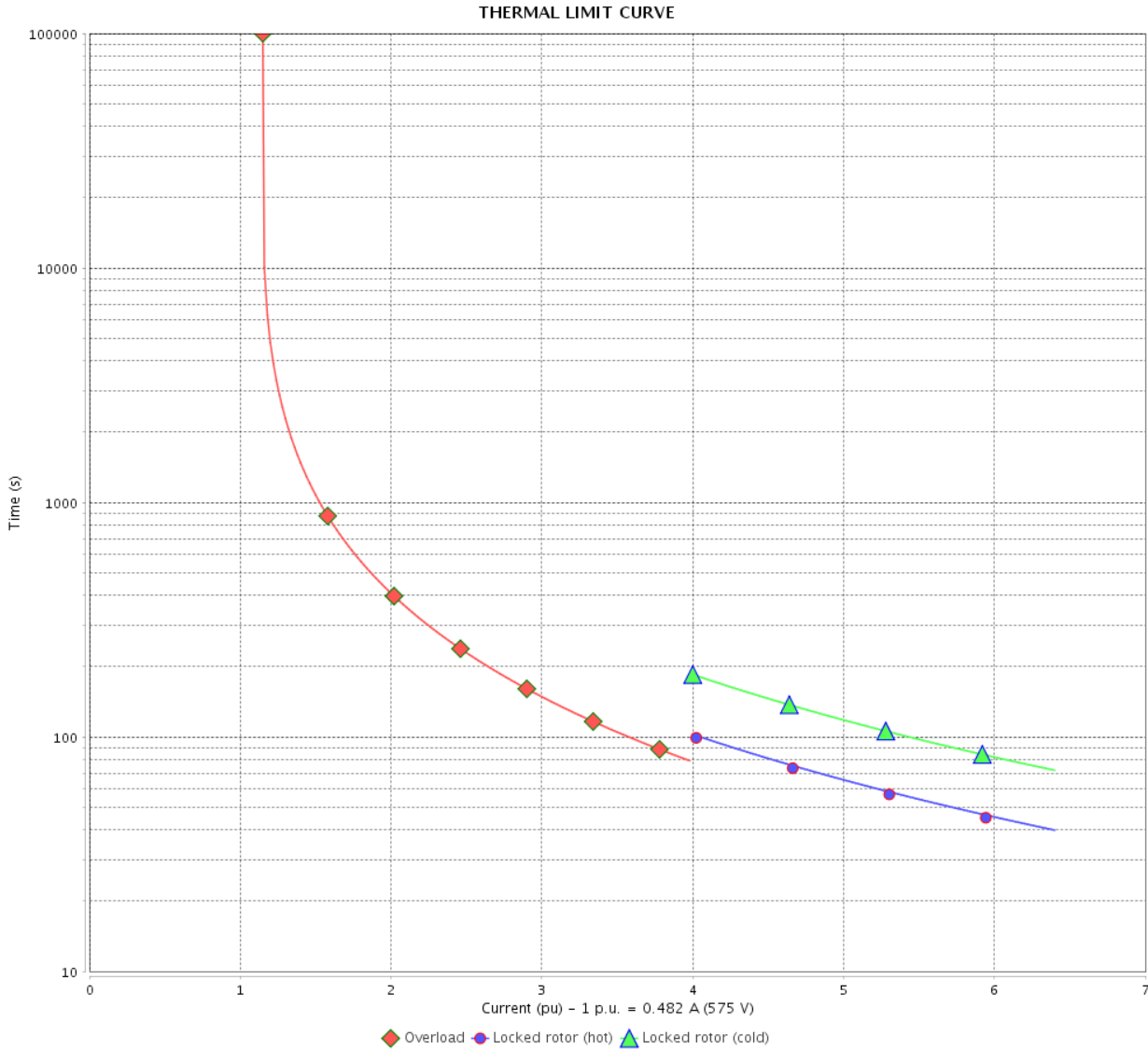
THERMAL LIMIT CURVE

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Rated speed	: 3485 rpm		

Heating constant

Cooling constant

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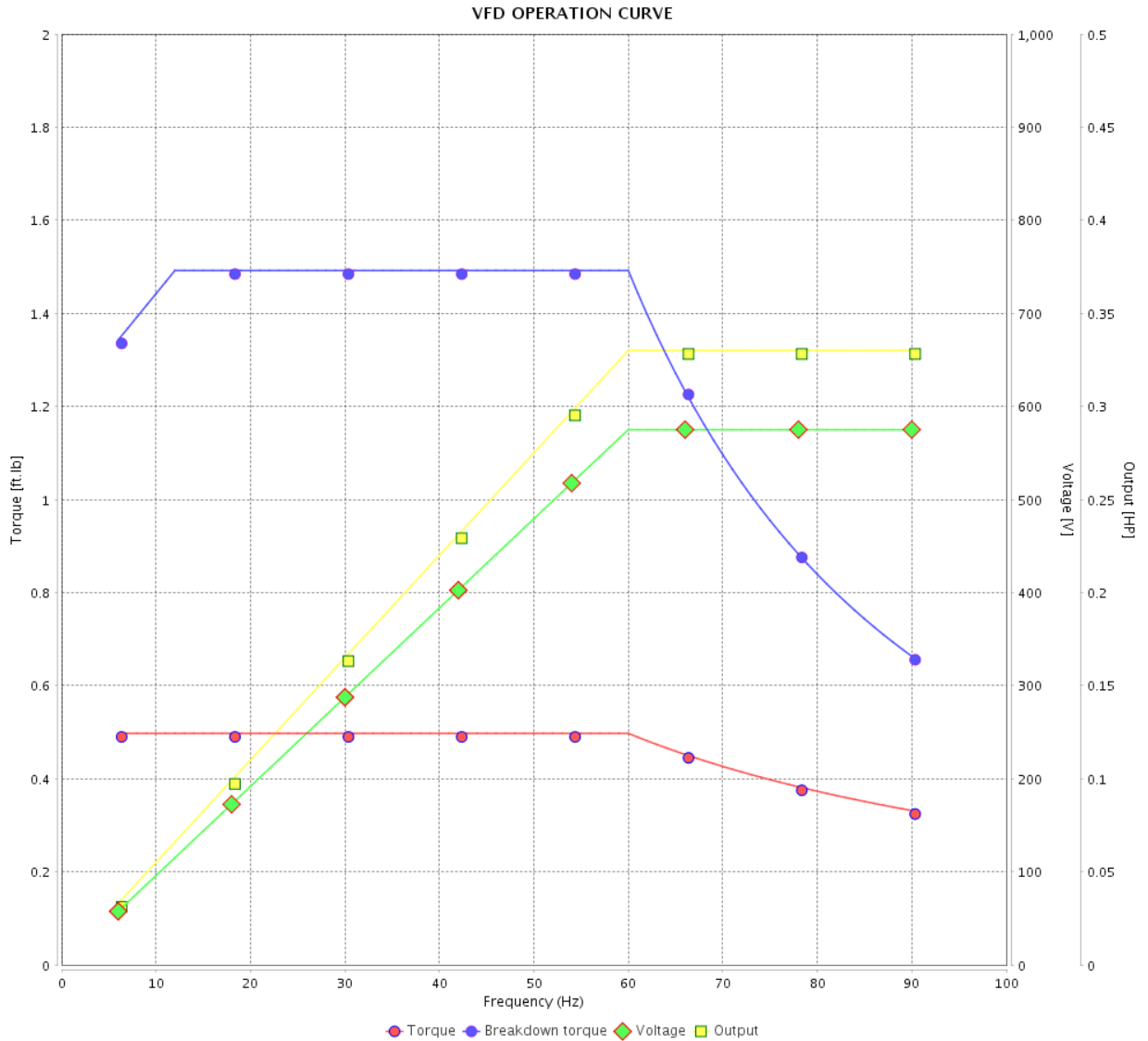
VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage



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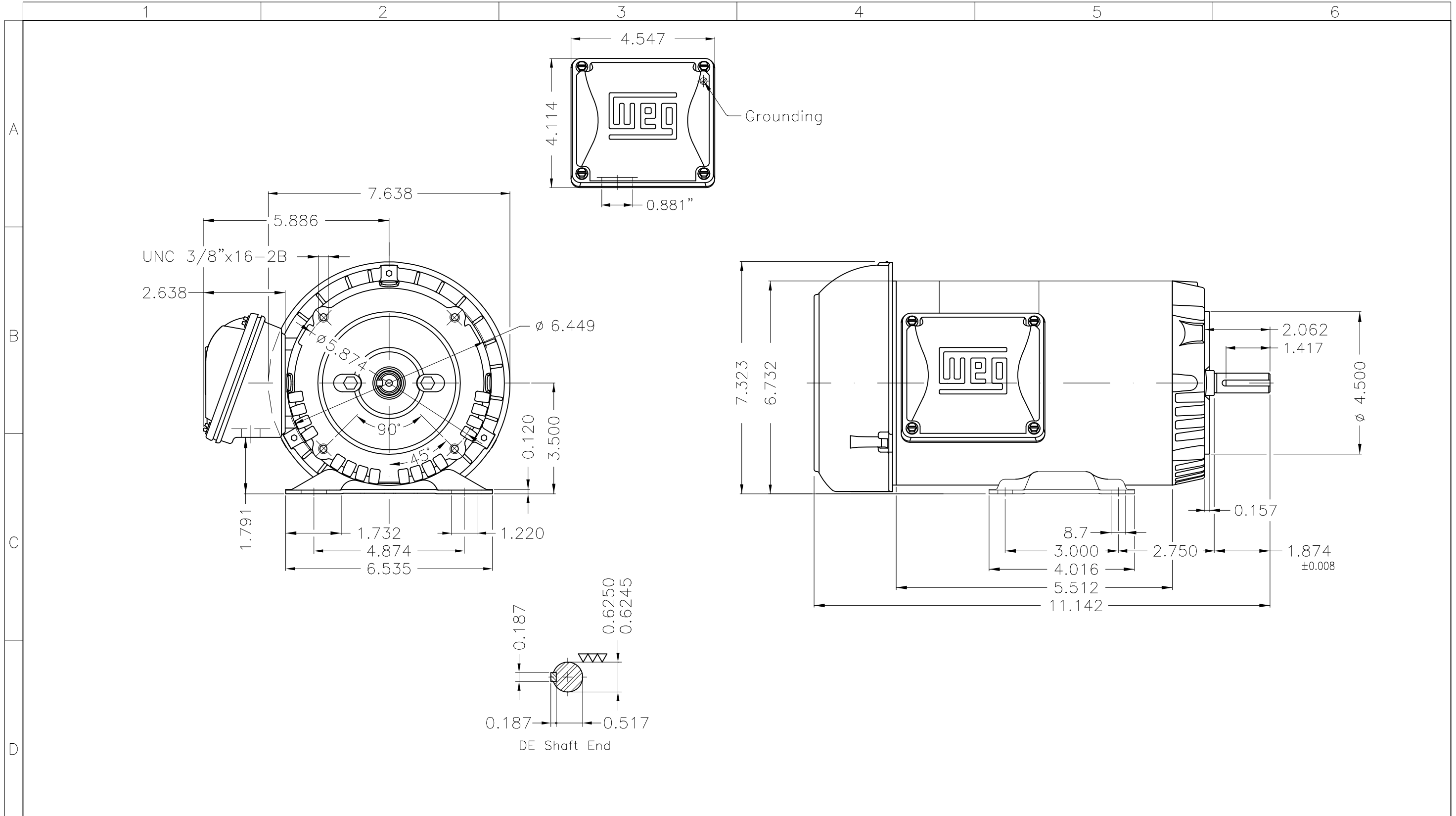


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Color Munsell N 1 matte black									
Painting plan 207N									
Mounting F-1/B34R(D)									
ECM	LOC	SUMMARY OF MODIFICATIONS			EXECUTED	CHECKED	RELEASED	DATE	VER
EXECUTED	PIRWUSER	THREE PH. MOTOR ROLLED STEEL			PREVIEW	WDD	SHEET	1 / 1	
CHECKED		FRAME 56C IP55 TEFC							
RELEASED									
REL DT.		WMO	Jaragua do Sul	Product Engineering					

0.33 HP 02 Poles 60 Hz