PRODUCT INFORMATION PACKET



Model No: 445THFCD9036 Catalog No: W612A

XRI®-841 Severe Duty Motor, 150 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 445T Frame, TEFC



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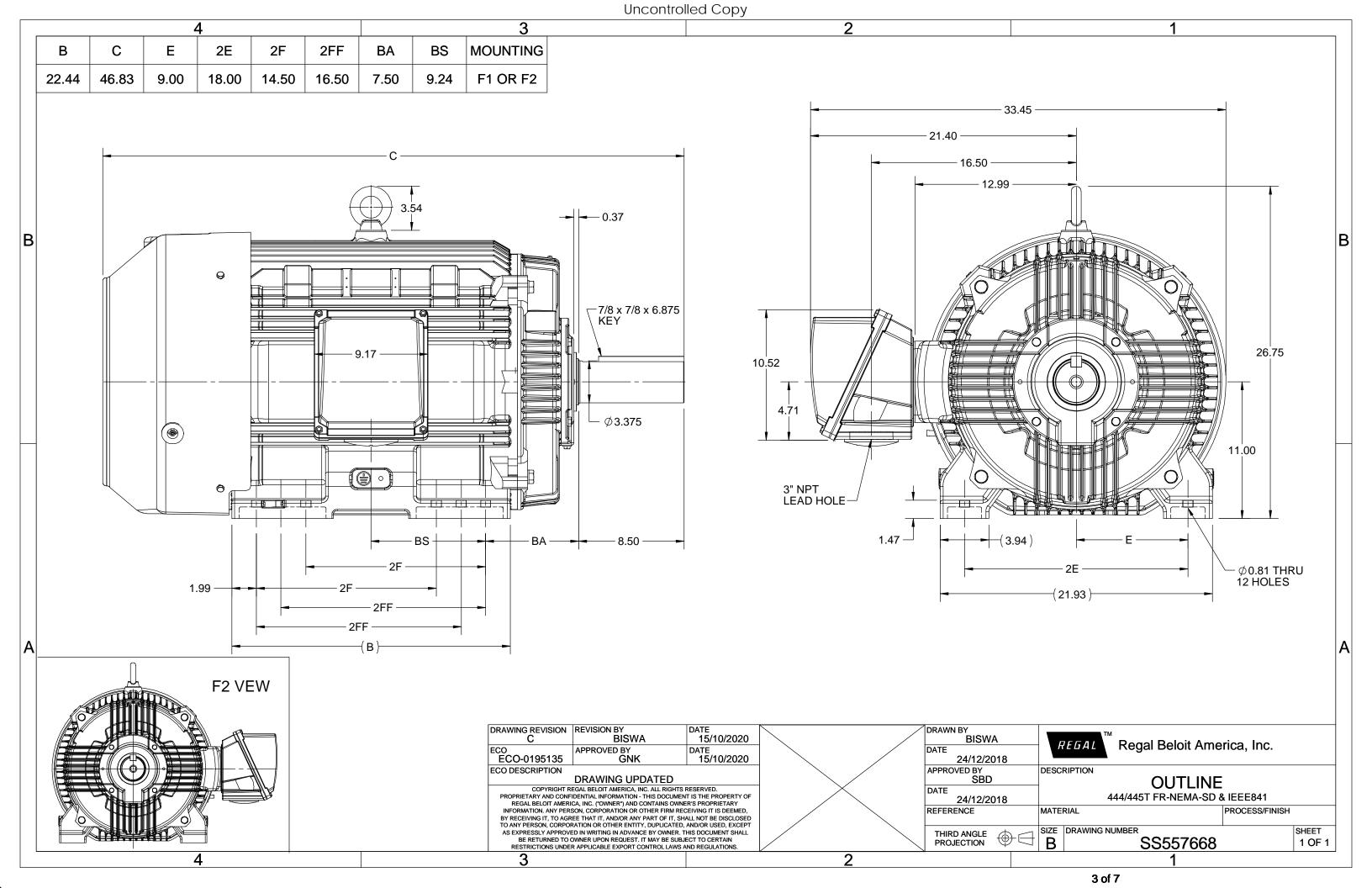
Nameplate Specifications

Output HP	150 Hp	Output KW	112.0 kW
Frequency	60 Hz	Voltage	460 V
Current	169.0 A	Speed	1790 rpm
Service Factor	1.15	Phase	3
Efficiency	95.8 %	Power Factor	87
Duty	Continuous	Insulation Class	н
Design Code	В	KVA Code	G
Frame	445T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6319	Opp Drive End Bearing Size	6317
UL	Listed	CSA	Υ
CE	Υ	IP Code	56
Hazardous Location	DIVISION 2 T2B	Number of Speeds	1

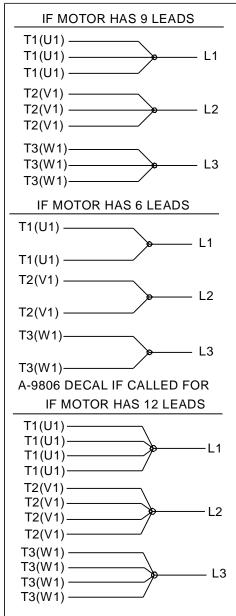
Technical Specifications

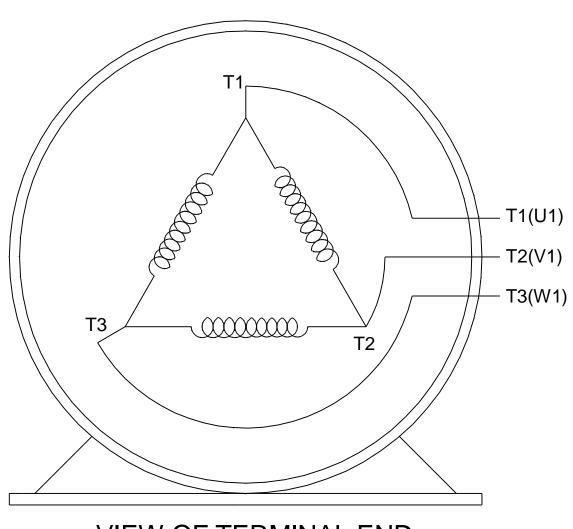
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter Reversible Rigid Base	
Poles	4	Rotation		
Resistance Main	.0294 Ohms	Mounting		
Motor Orientation	Horizontal	Drive End Bearing	Ball	
Opp Drive End Bearing	Ball	Frame Material	Cast Iron	
Shaft Type	Т	Shaft Diameter	3.375 in	
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 2:1/VARIABLE 10:1	
Outline Drawing	SS557668	Connection Drawing	EE7300U	

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VIEW OF TERMINAL END

DRAWING REVISION	REVISION BY	DATE	
L	AJW	05-04-2015	
ECO	APPROVED BY	DATE	
ECO-0077067	EWH	05-05-2015	
ECO DESCRIPTION			

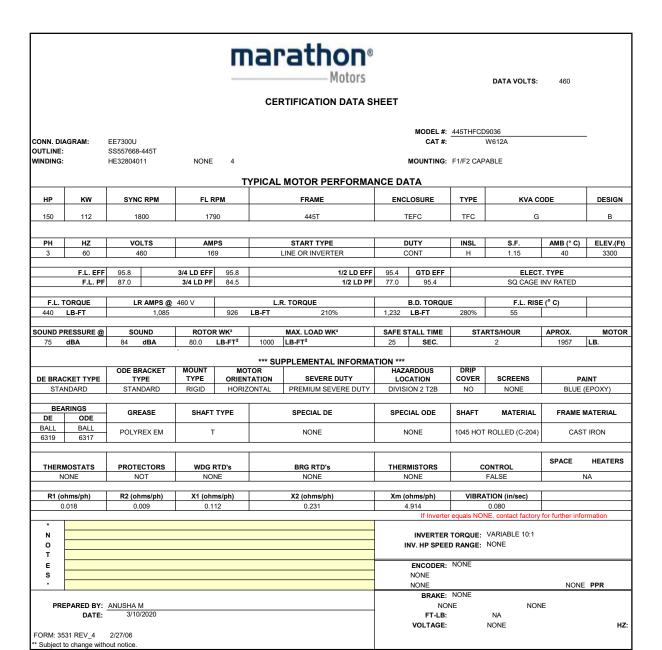
UPDATED TO SOLIDWORKS

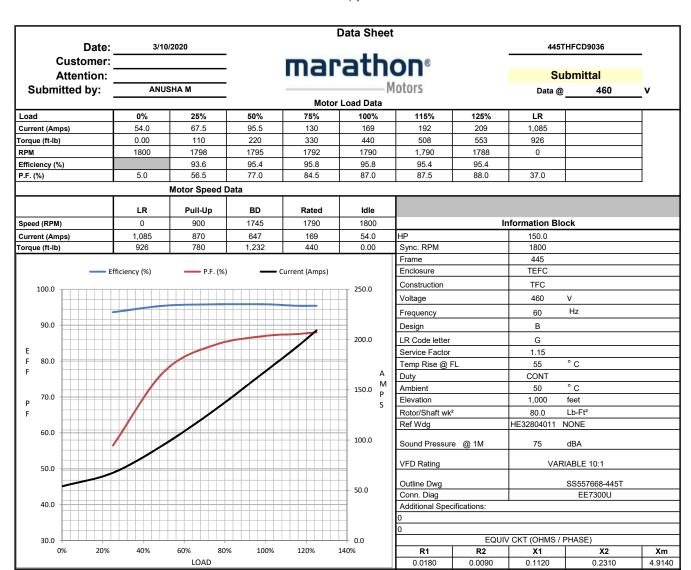
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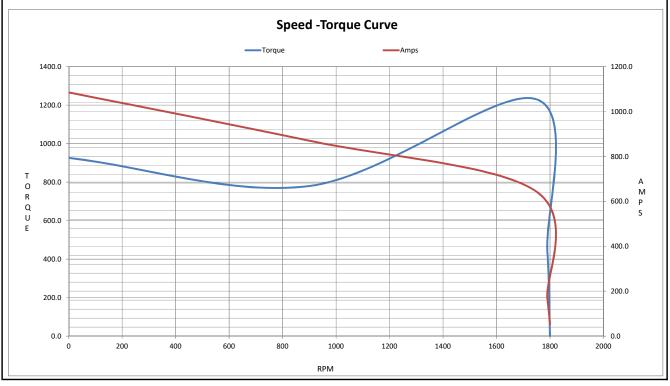
I OLLIKANCES UNLESS						
OTHER	WISE SPE	CIFIED:				
DEC.	<u>INCH</u>	<u>mm</u>	<u>ANGLE</u>			
.X	±0.1	[±2.5]	±7' 30"			
.XX		[±0.51]				
XXX	±0.005	[±0.127]				
.XXXX	±0.0005	[±0.0127]				
REMOV	E BURRS	& BREAK S	HARP			
EDGES: .003/.015 [.076/.381] X 45°						
CORNER FILLETS: R.02 [.51]						
MACHINED SURFACES: 200/ 5.1/						
		INCH ∨				
mm SHC	OWN IN [E	BRACKETS]				

TOLERANCES LINLESS

	DRAWN BY DRS DATE 09-27-1996		REGAL Regal Beloit Ame	rica, Inc.	
	APPROVED BY GK DATE 09-30-1996	CONN DIAGRAM-EXTERNAL 3Ø SINDLE VOLTAGE			
REFERENCE		MATERIAL PROCESS/FINISH			
	THIRD ANGLE PROJECTION	SIZE	DRAWING NUMBER EE7300U		SHEET 1 OF 1









EC Declaration of Conformity

The undersigned representing the manufacturer:

Regal Beloit America 100 East Randolph St. Wausau, WI 54401 and the authorized representative established within the Community:

Marathon Electric UK 6F Thistleton Road Ind. Estate Market Overton Oakham, Rutland LE15 7PP UK

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No: 445THFCD9036

(Model No. may contain prefix and/or suffix characters)

Catalog No: W612A

Rework No: N/A

Directives:

Low Voltage Directive 2014/35/EU

Harmonized Standards Used:

EN 60034-1: 2010 (IEC 60034-1: 2010)

Michael A Logsdon

EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:

Michael A. Logsdon Vice President, Technology

Created on 09/01/2022

Authorized Representative in the Community:

J. cerse

Julian Clark Marketing Engineer

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