PRODUCT INFORMATION PACKET

Model No: LM30142 Catalog No: LM30142 250,1040,TEFC,449TS,3/35/480





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Nameplate Specifications

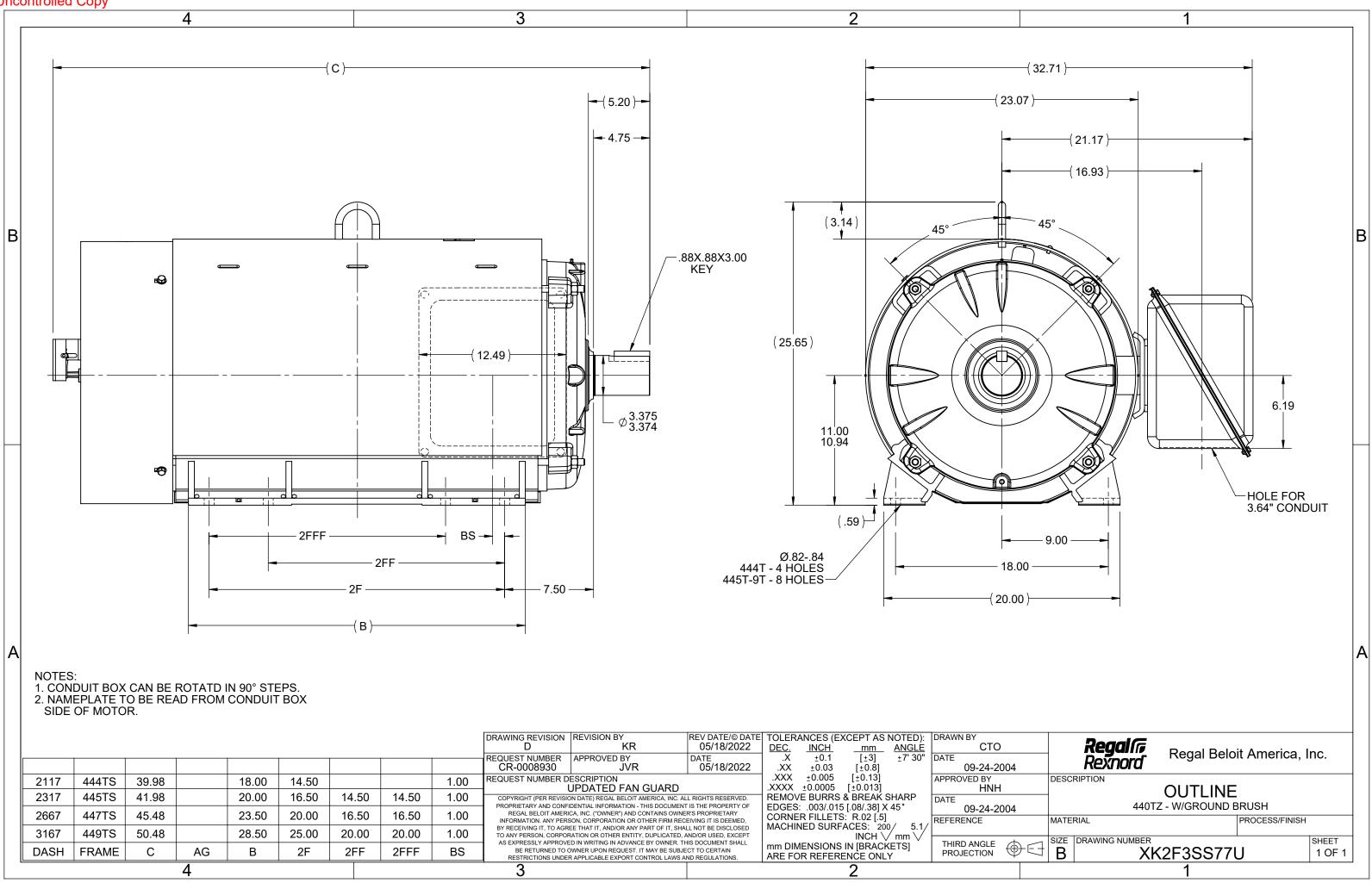
Phase	3	Output HP	250 Нр
Output KW	187.0 kW	Voltage	480 V
Speed	1040 rpm	Service Factor	1.0
Frame	447/449TZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	95.4 %
Ambient Temperature	40 °C	Frequency	35 Hz
Current	269.0 A	Power Factor	87.5
Duty	INTERMITTENT	Insulation Class	Н
Design Code	INV	KVA Code	к
Drive End Bearing Size	318	Opp Drive End Bearing Size	315
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	.024 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Shaft Diameter	3.375 in
Assembly/Box Mounting	F2/F1 CAPABLE	Inverter Load	CONSTANT 100:1
Outline Drawing	XK2F3SS77U-3167	Connection Drawing	A-EE7300AK-LN

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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 : LM30142

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

Catalog No : LM30142

Rework No : N/A

Directives :

Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010) EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:

Michael A Logsdon

Michael A. Logsdon Vice President, Technology

Created on 11/21/2023

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Authorized Representative in the Community:

Julian Clark Marketing Engineer