# **PRODUCT INFORMATION PACKET**

Model No: 143TTFBD6030 Catalog No: GT1401A General Purpose Motor, 1 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 143TC Frame, TEFC



Regal and are trademarks of Regal Rexnord Corporation or one of its affiliated companies. ©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E



Product Information Packet: Model No: 143TTFBD6030, Catalog No:GT1401A General Purpose Motor, 1 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 143TC Frame, TEFC

#### Nameplate Specifications

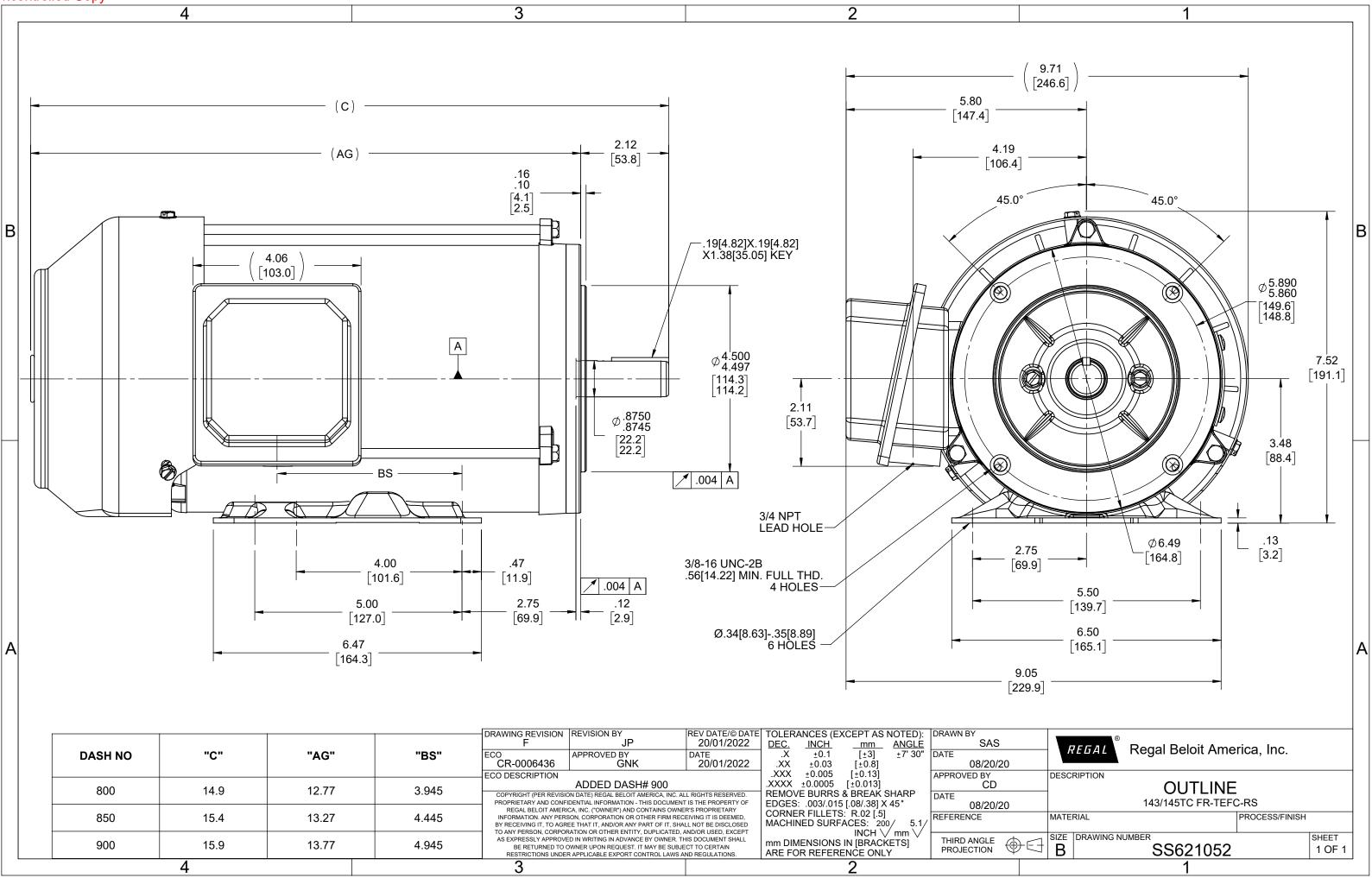
Output HP	1 Нр	Output KW	0.75 kW
Frequency	60 Hz	Voltage	575 V
Current	1.2 A	Speed	1755 rpm
Service Factor	1.15	Phase	3
Efficiency	85.5 %	Power Factor	74
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	N
Frame	143TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6205
UL	Listed	CSA	Y
CE	Y	IP Code	43
Hazardous Location	DIVISION 2 T2B	Number of Speeds	1

## **Technical Specifications**

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	14.25 Ohms	Mounting	Bolt-on Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	т	Shaft Diameter	0.875 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 10:1/VARIABLE 10:1
Outline Drawing	SS621052-800	Connection Drawing	EE7300

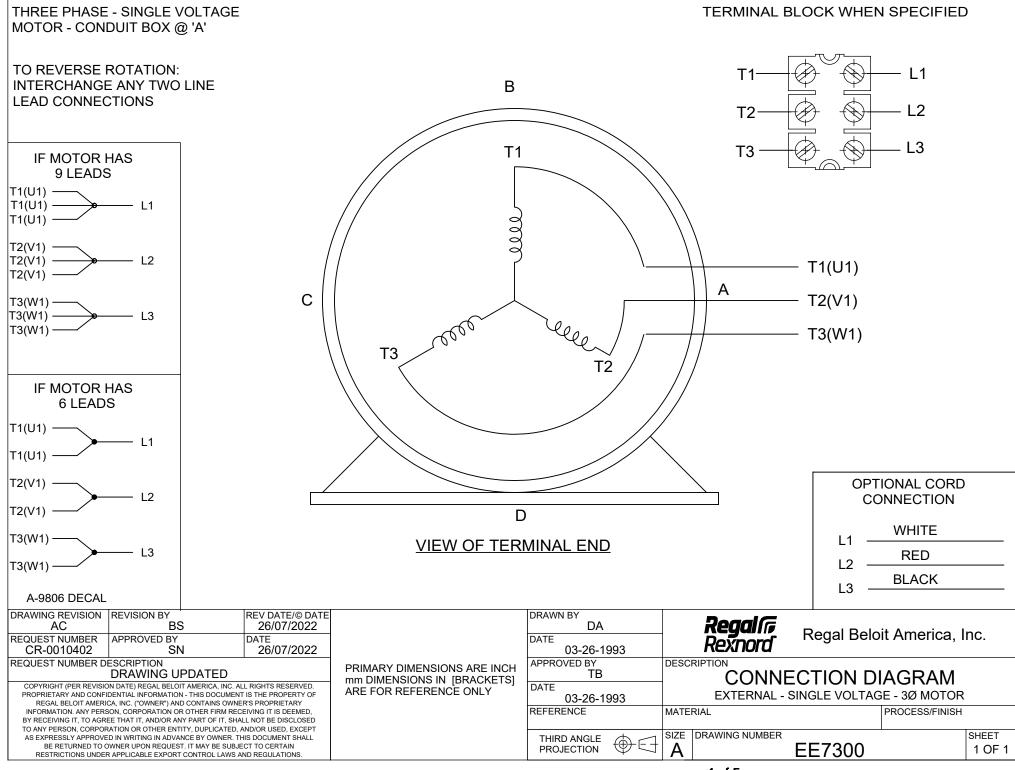
This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:09/17/2022

**Uncontrolled Copy** 



3 of 5

### **Uncontrolled Copy**





## **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: 143TTFBD6030

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

Catalog No : GT1401A

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 09/01/2022

(€ 22

Authorized Representative in the Community:

Julian Clark Marketing Engineer