PRODUCT INFORMATION PACKET



Model No: 145TTFBD6078 Catalog No: GT1202A

Globetrotter® General Purpose Motor, 1 HP, 3 Ph, 60 Hz, 230/460 V, 1200 RPM, 145TC Frame, TEFC



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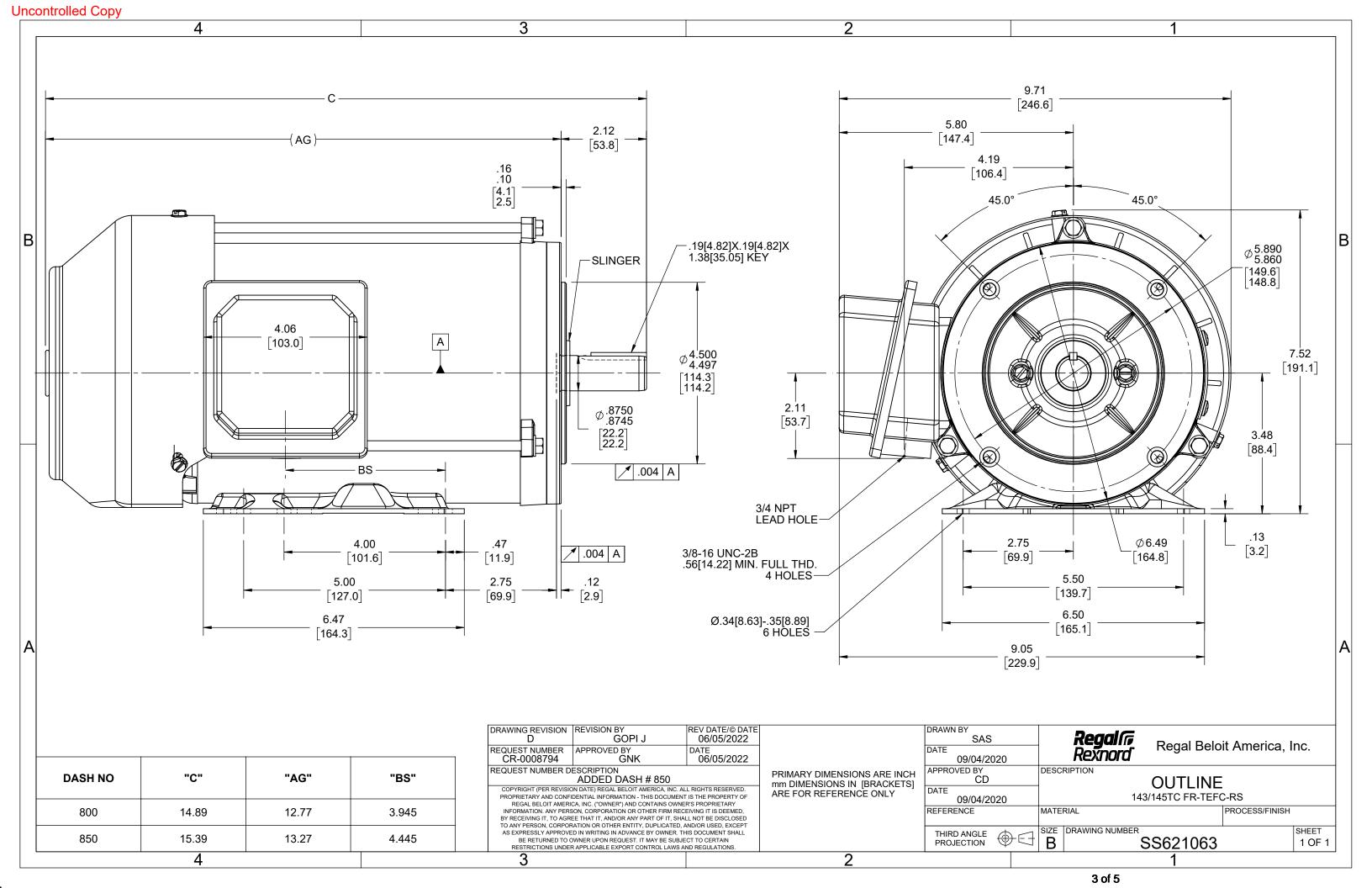
Nameplate Specifications

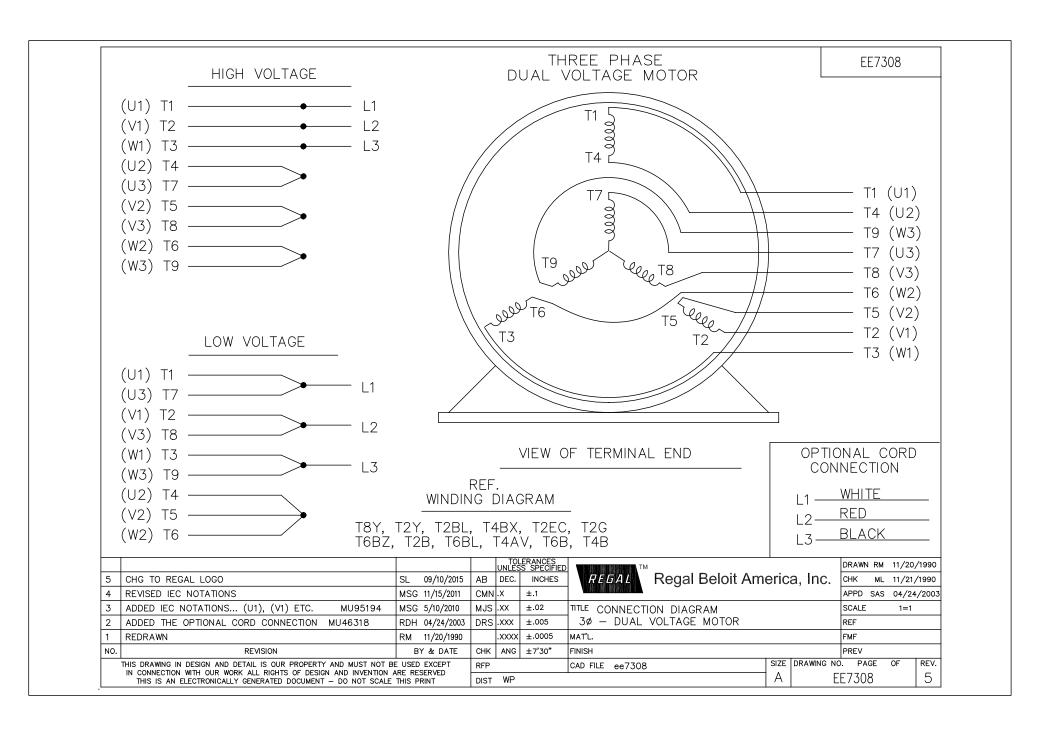
| Output HP | 1 Hp | Output KW | 0.75 kW |
|------------------------|----------------|----------------------------|-----------------------------|
| Frequency | 60 Hz | Voltage | 230/460 V |
| Current | 3.6/1.8 A | Speed | 1158 rpm |
| Service Factor | 1.15 | Phase | 3 |
| Efficiency | 82.5 % | Power Factor | 65 |
| Duty | Continuous | Insulation Class | F |
| Design Code | В | KVA Code | L |
| Frame | 145TC | 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 | Υ |
| CE | Υ | 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 | 6 | Rotation | Reversible |
| Resistance Main | 14.2 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 | SS621063-850 | Connection Drawing | EE7308 |

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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: 145TTFBD6078

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

Catalog No: GT1202A

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. Cers

Julian Clark Marketing Engineer