PRODUCT INFORMATION PACKET



Model No: 405THFCD8378

Catalog No: Y588A

Blue Max® Inverter Duty Encoder Motor, 75 HP, 3 Ph, 60 Hz, 230/460 V, 1200 RPM, 405TC Frame, TEBC-AXIAL



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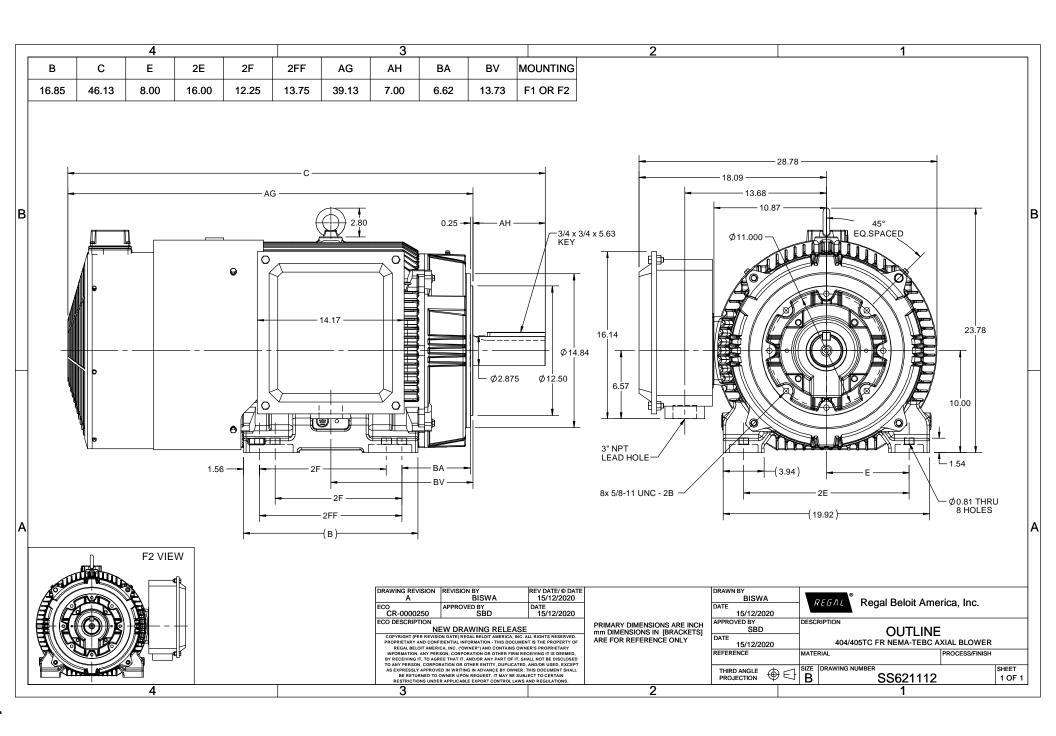
Nameplate Specifications

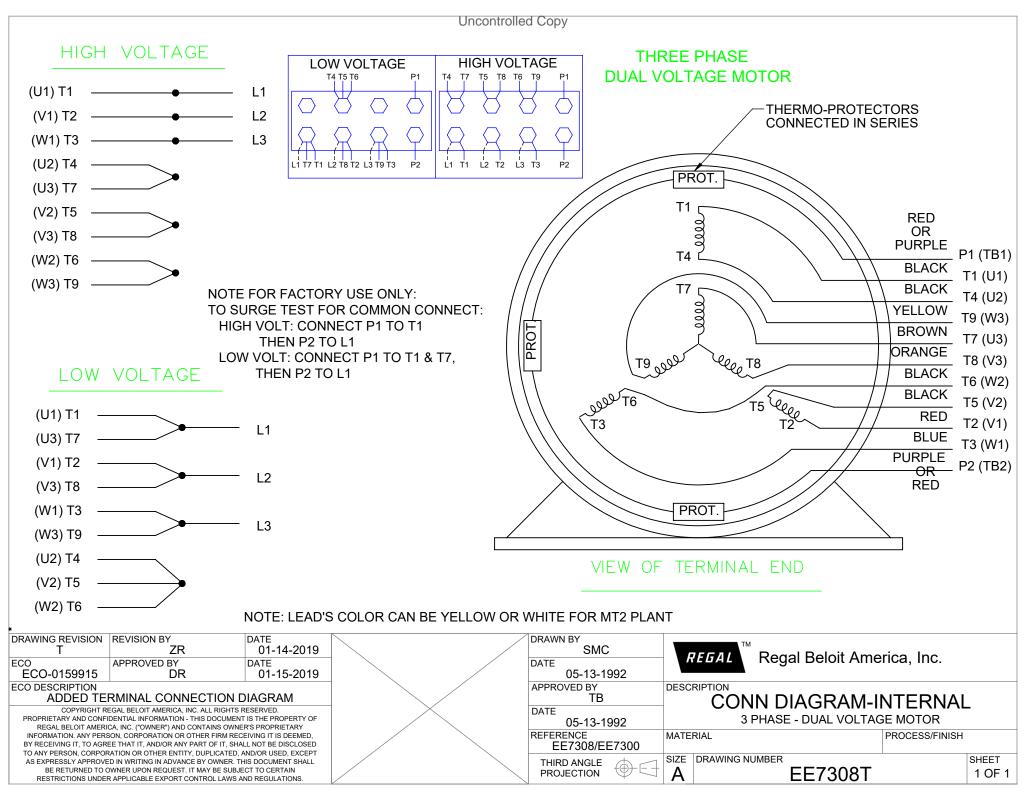
Output HP	75 Hp	Output KW	56.0 kW
Frequency	60 Hz	Voltage	230/460 V
Current	174.0/87.0 A	Speed	1185 rpm
Service Factor	1	Phase	3
Efficiency	94.1 %	Power Factor	83
Duty	Continuous	Insulation Class	Н
Design Code	INV	KVA Code	Н
Frame	405TC	Enclosure	Totally Enclosed Blower cooled - Axial
Thermal Protection	Thermostat	Ambient Temperature	40 °C
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6314
UL	Recognized	CSA	Υ
CE	Υ	IP Code	55
Number of Speeds	1		
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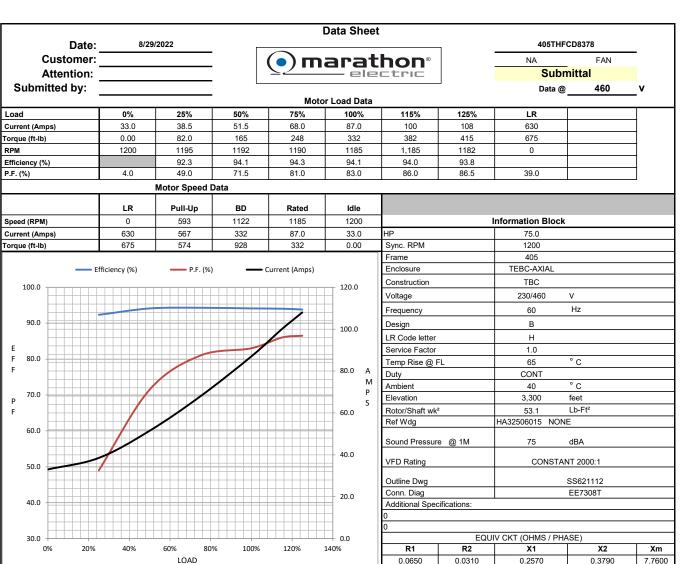
Technical Specifications

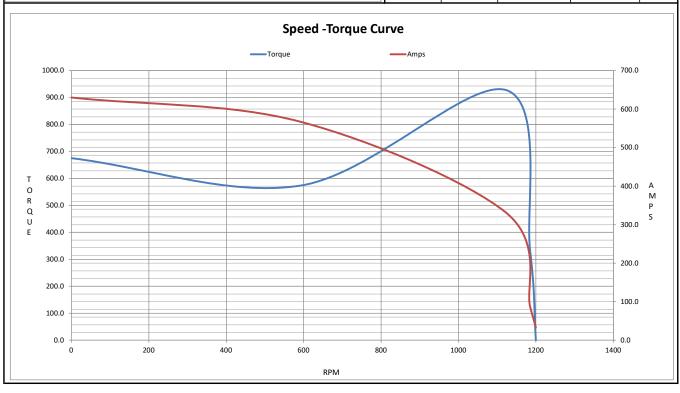
Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	6	Rotation	Reversible
Resistance Main	.0982 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Т	Shaft Diameter	2.875 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 2000:1
Connection Drawing	EE7308T	Outline Drawing	SS621112

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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: 405THFCD8378

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

Catalog No: Y588A

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:

Authorized Representative in the Community: J. cerse

Michael A. Logsdon Vice President, Technology

Julian Clark Marketing Engineer

Created on 09/01/2022

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