PRODUCT INFORMATION PACKET

Model No: 254TTDBD7201 Catalog No: Y470A Multispeed Motor, 7.50 & 1.88 HP, 3 Ph, 60 & 60 Hz, 460 & 460 V, 1800 & 1800 RPM, 254T Frame, DP



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Motors



Product Information Packet: Model No: 254TTDBD7201, Catalog No:Y470A Multispeed Motor, 7.50 & 1.88 HP, 3 Ph, 60 & 60 Hz, 460 & 460 V, 1800 & 1800 RPM, 254T Frame, DP

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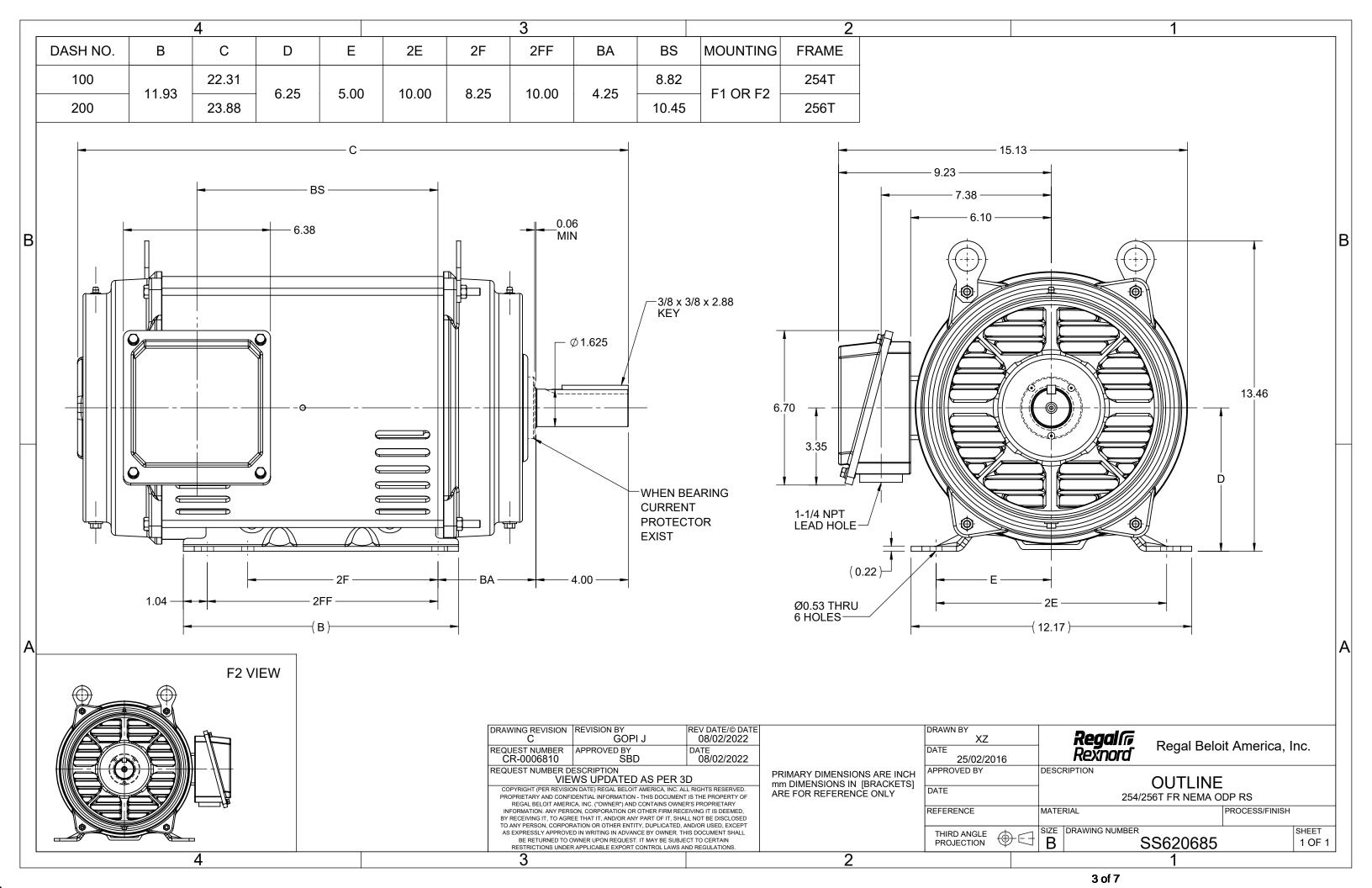
Nameplate Specifications

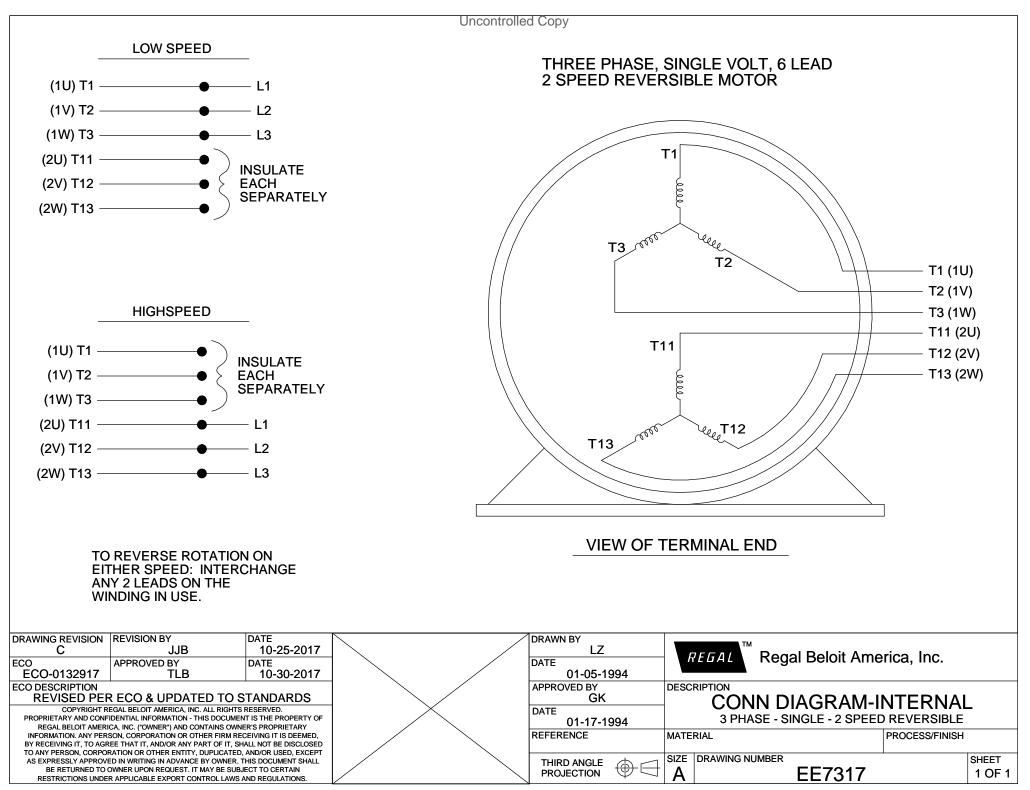
Phase	3	Output HP	7.50 & 1.88 Hp	
Output KW	5.6 & 1.4 kW	Voltage	460 & 460 V	
Speed	1782 & 890 rpm	Service Factor	1.15 & 1.15	
Frame	254T	Enclosure	Drip Proof	
Thermal Protection	No Protection	Efficiency	88.5 & 82.5 %	
Ambient Temperature	40 °C	Frequency	60 & 60 Hz	
Current	9.5 & 4.2 A	Power Factor	81	
Duty	Continuous	Insulation Class	F	
Design Code	2VT	KVA Code	К	
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6208	
UL	Recognized	CSA	Υ	
CE	Y	IP Code	22	
Number of Speeds	2			

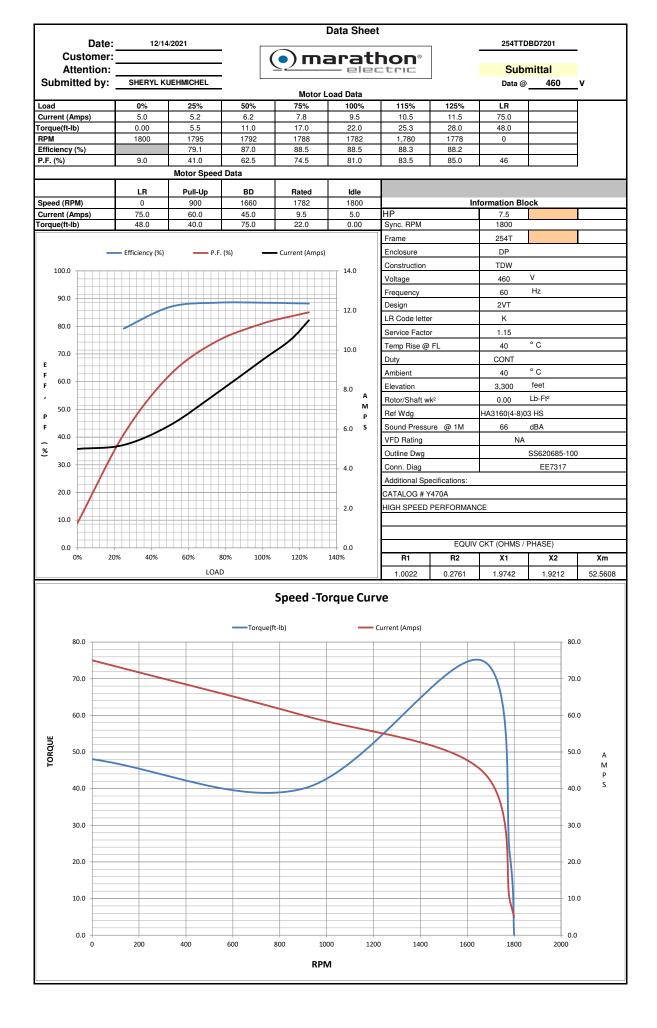
Technical Specifications

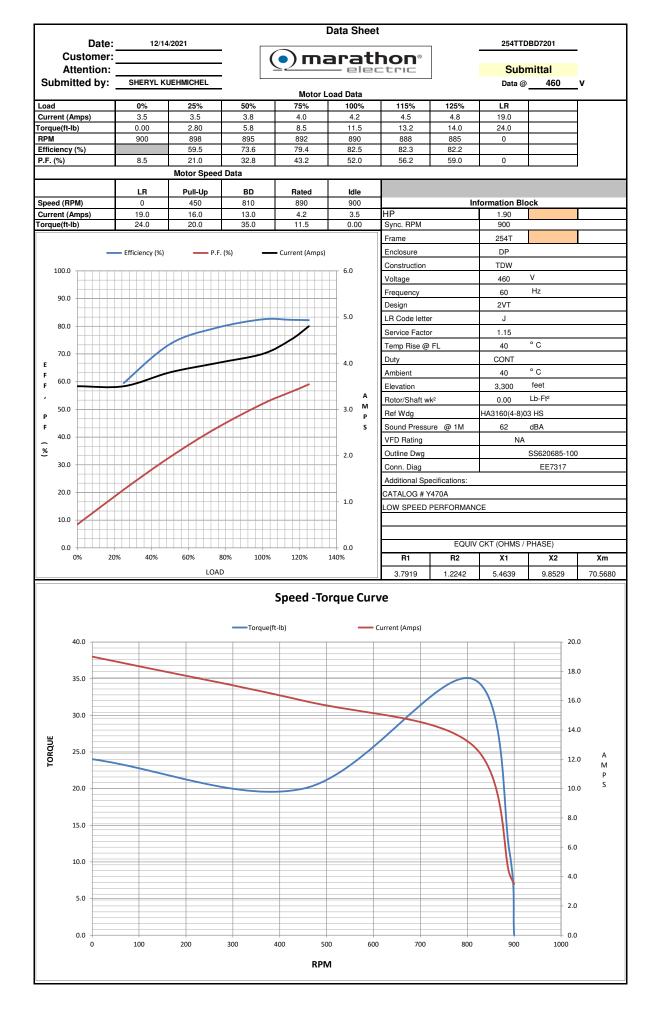
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4//8	Rotation	Reversible
Resistance Main	1.6049 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	т	Shaft Diameter	1.625 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Connection Drawing	EE7317	Outline Drawing	SS620685-100

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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: 254TTDBD7201

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

Catalog No : Y470A

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

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Authorized Representative in the Community:

Julian Clark Marketing Engineer