## PRODUCT INFORMATION PACKET



Model No: 254TTDBD7208 Catalog No: Y418A

Multispeed Motor, 7.50 & 3.33 HP, 3 Ph, 60 & 60 Hz, 460 & 460 V, 1800 & 1800 RPM, 254T Frame, DP



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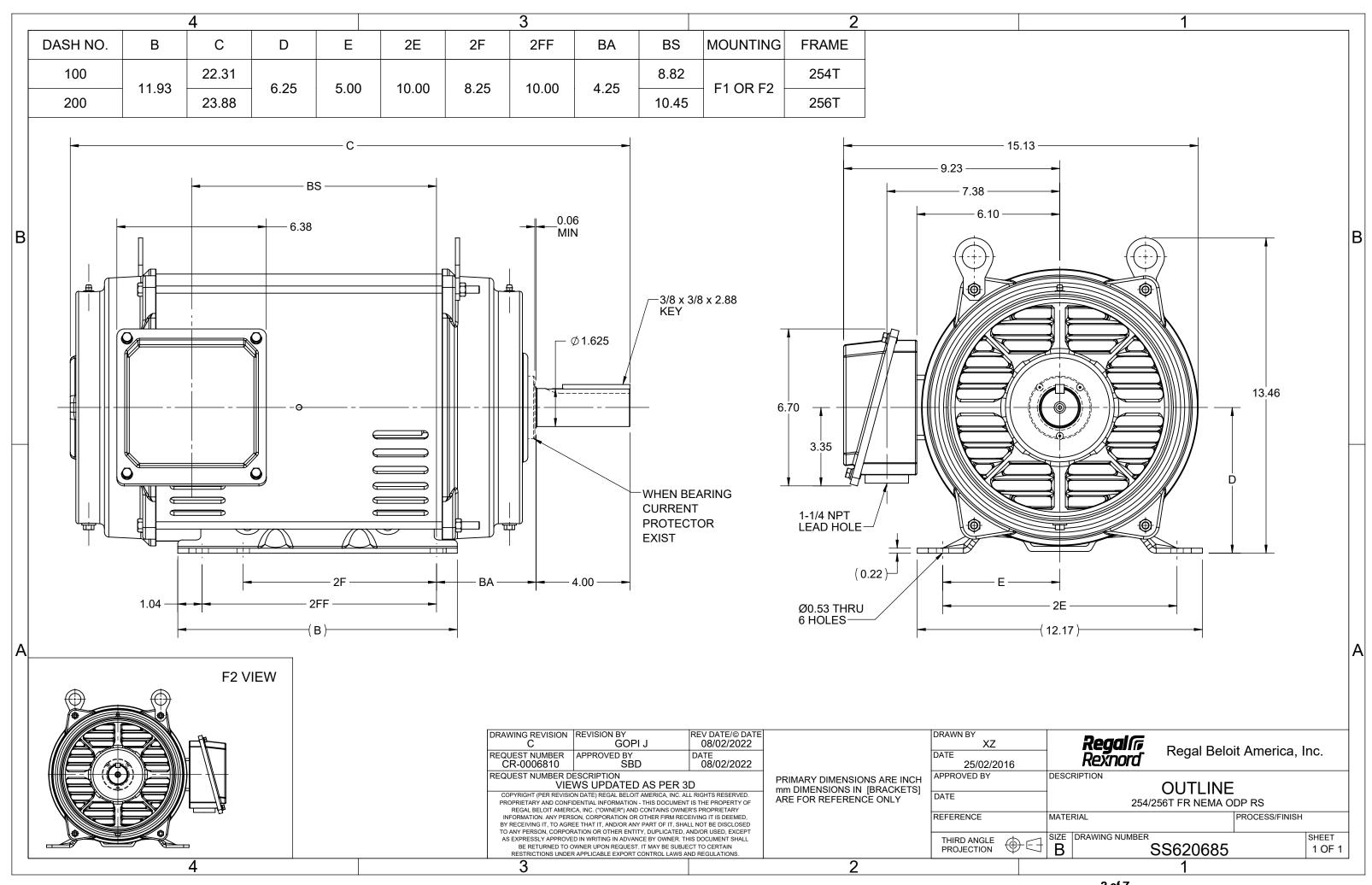
## Nameplate Specifications

3	Output HP	7.50 & 3.33 Hp  460 & 460 V  1.15 & 1.15  Drip Proof  88.5 & 86 %  60 & 60 Hz  83  F	
5.6 & 2.5 kW	Voltage		
1780 & 1183 rpm	Service Factor		
254T	Enclosure		
No Protection	Efficiency		
40 °C	Frequency		
9.1 & 4.8 A	Power Factor		
Continuous	Insulation Class		
2VT	KVA Code		
6309	Opp Drive End Bearing Size	6208	
Recognized	CSA	Υ	
Υ	IP Code	22	
2			
	5.6 & 2.5 kW  1780 & 1183 rpm  254T  No Protection  40 °C  9.1 & 4.8 A  Continuous  2VT  6309  Recognized  Y	5.6 & 2.5 kW  1780 & 1183 rpm  Service Factor  254T  Enclosure  No Protection  Efficiency  40 °C  Frequency  9.1 & 4.8 A  Power Factor  Continuous  Insulation Class  2VT  KVA Code  6309  Opp Drive End Bearing Size  Recognized  CSA  Y  IP Code	

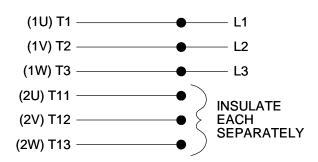
## **Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line	
Poles	4//6	Rotation	Reversible	
Resistance Main	1.7815 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	

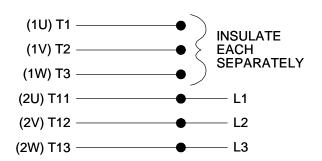
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### LOW SPEED



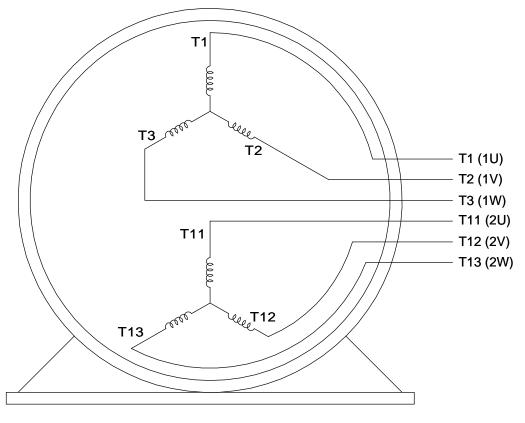
### HIGHSPEED



TO REVERSE ROTATION ON EITHER SPEED: INTERCHANGE ANY 2 LEADS ON THE WINDING IN USE.

### Uncontrolled Copy

# THREE PHASE, SINGLE VOLT, 6 LEAD 2 SPEED REVERSIBLE MOTOR



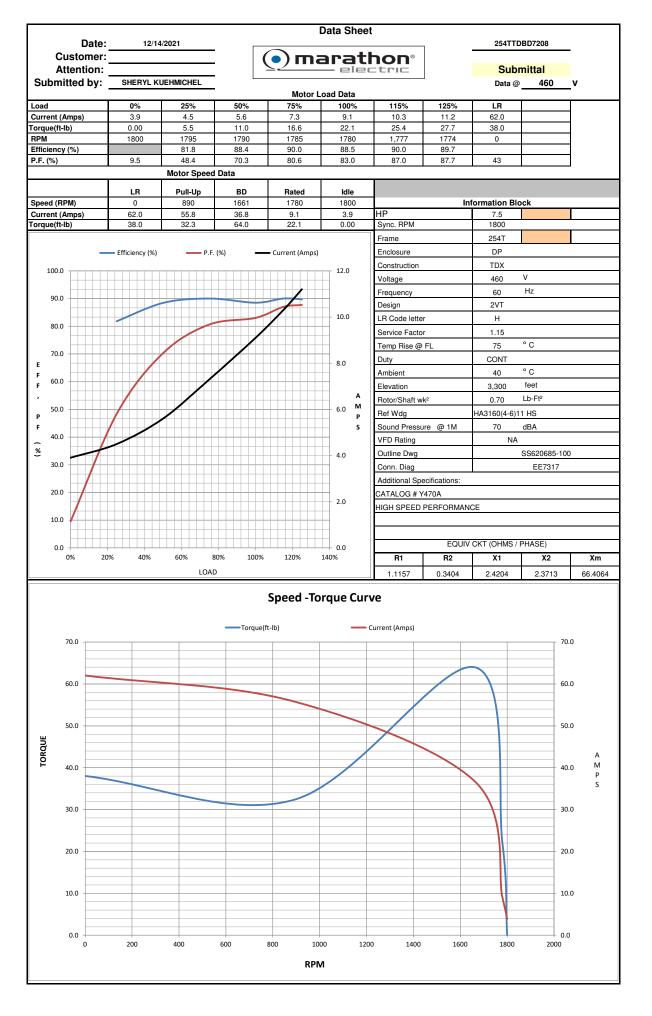
VIEW OF TERMINAL END

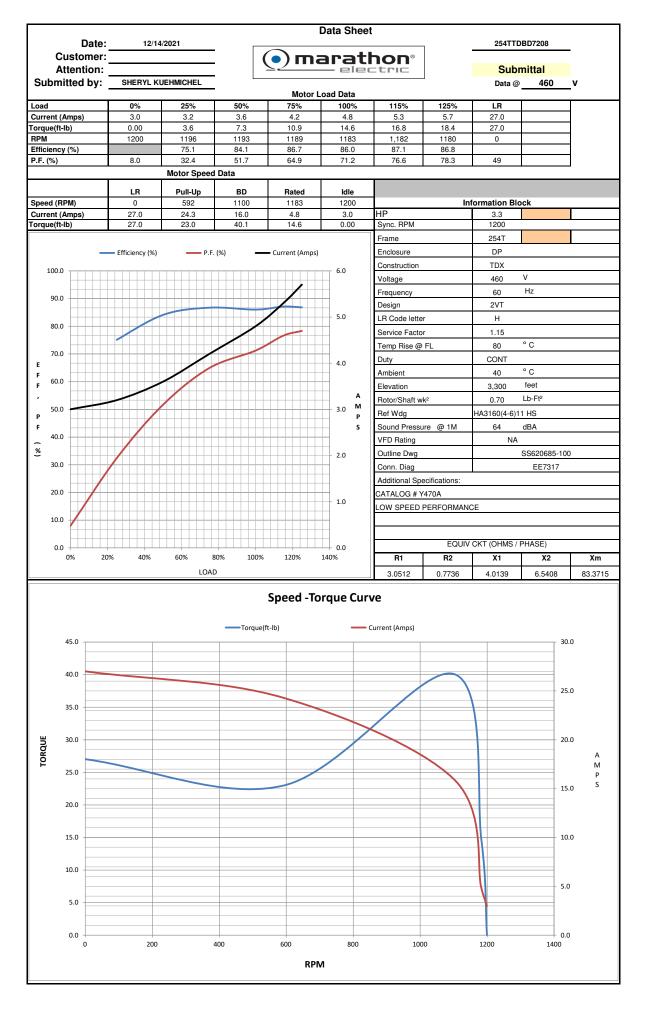
	DRAWING REVISION	REVISION BY	DATE		
	С	JJB	10-25-2017		
ECO		APPROVED BY	DATE		
	ECO-0132917	TLB	10-30-2017		
	ECO DESCRIPTION				

### REVISED PER ECO & UPDATED TO STANDARDS

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	DRAWN BY LZ DATE 01-05-1994			REGAL <sup>™</sup> Regal Beloit America, Inc.				
	APPROVED BY GK DATE 01-17-1994		DESCRIPTION CONN DIAGRAM-INTERNAL 3 PHASE - SINGLE - 2 SPEED REVERSIBLE					
	REFERENCE		MATE	RIAL			PROCESS/FINISH	
\	THIRD ANGLE PROJECTION	⊕⊖	SIZE	DRAWING NU	IMBER	EE7317		SHEET 1 OF 1







# **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: 254TTDBD7208

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

Catalog No: Y418A

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:

<u>Authorized Representative in the Community:</u>

J. cers

Michael A. Logsdon Vice President, Technology

Created on 09/01/2022

Julian Clark Marketing Engineer

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