

# PRODUCT INFORMATION PACKET

**marathon®**  
Motors

Model No: 284TSTFCD6000  
Catalog No: 284TSTFCD6000  
25,3600,TEFC,284TSC,3/60/230/460



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**RegalRexnord**

**Nameplate Specifications**

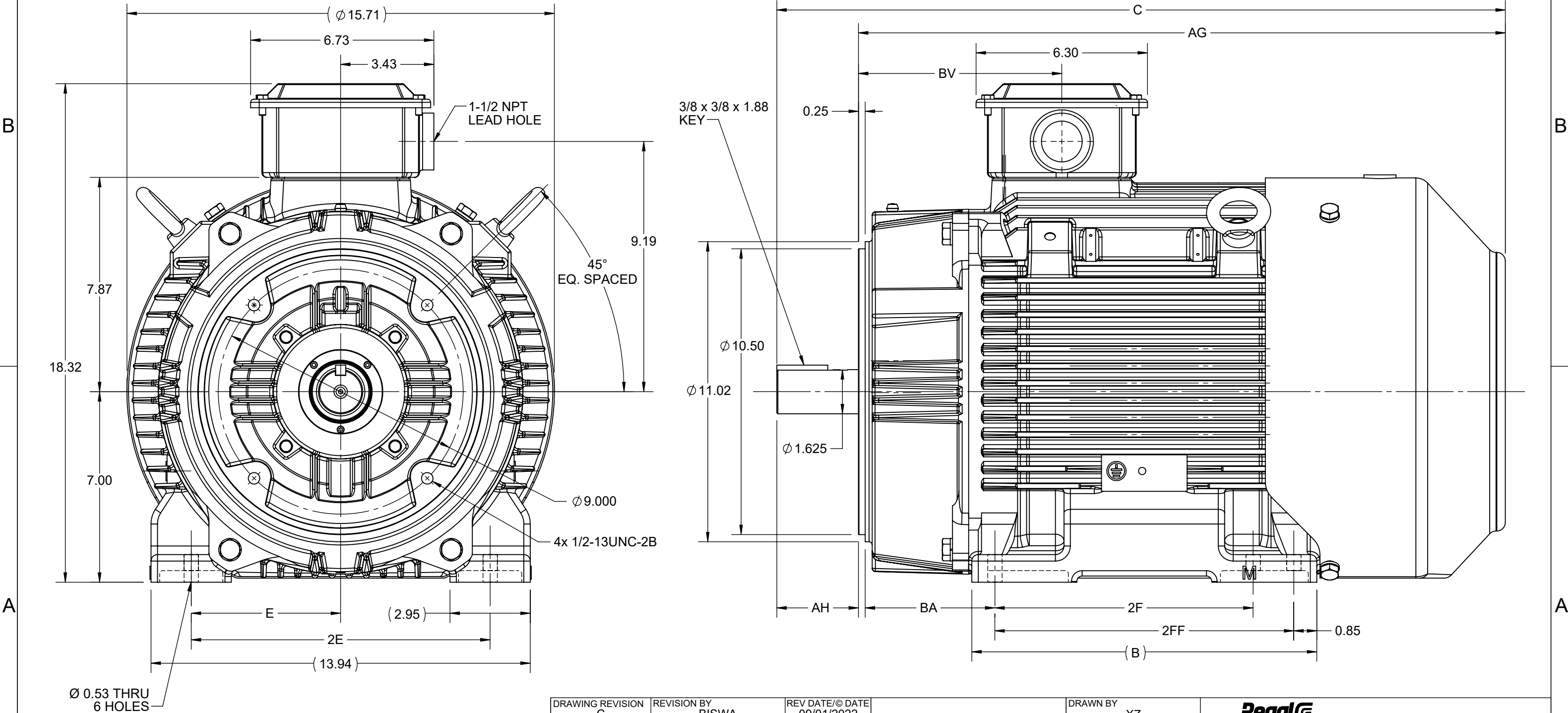
Phase	3	Output HP	25 Hp
Output KW	18.7 kW	Voltage	230/460 V
Speed	3555 rpm	Service Factor	1.15
Frame	284TSC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	60.0/30.0 A	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6211
UL	Listed	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1	Hazardous Location	DIVISION 2 T2B

**Technical Specifications**

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Selective Clockwise
Resistance Main	.395 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Shaft Diameter	1.625 in
Assembly/Box Mounting	F3	Inverter Load	CONSTANT 2:1/VARIABLE 10:1
Outline Drawing	SS620994	Connection Drawing	EE7308AA



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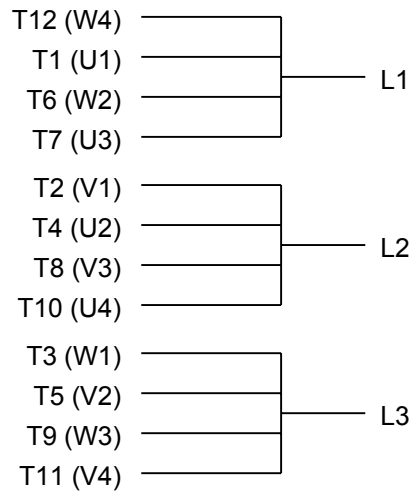
4					3					2					1				
B	C	E	2E	2F	2FF	AG	AH	BA	BV	MOUNTING									
12.68	26.77	5.50	11.00	9.50	11.00	23.77	3.00	4.75	7.47	F3									



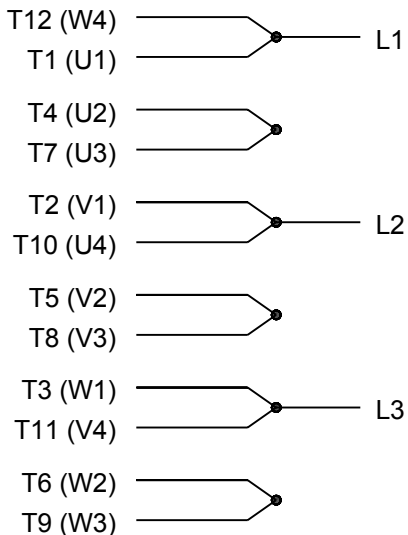
DRAWING REVISION C	REVISION BY BISWA	REV DATE/© DATE 09/01/2022
ECO CR-0006241	APPROVED BY GNK	DATE 09/01/2022
ECO DESCRIPTION DRAWING UPDATED S PER 3D		
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ARE FOR REFERENCE ONLY

DRAWN BY XZ	 Regal Beloit America, Inc.	
DATE 04/05/2018		
APPROVED BY ZYH	DESCRIPTION OUTLINE	
DATE 04/05/2018	284/286TSC FR NEMA TEFC CI - F3 MTG.	
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION 	SIZE B	DRAWING NUMBER SS620994
		SHEET 1 OF 1



LOW VOLTAGE





HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION K	REVISION BY AJW	DATE 07-17-2015
ECO ECO-0081632	APPROVED BY T. VUE	DATE 07-17-2015
ECO DESCRIPTION REV'D IEC MARKINGS PER IEC 60034-8		
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DRAWN BY LZ	 Regal Beloit America, Inc.	
DATE 01-12-1994		
APPROVED BY GK	DESCRIPTION <b>CONN DIAGRAM-EXTERNAL</b> 3Ø-2/1 DELTA-12 LEADS	
DATE 01-14-1994		
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION 	SIZE A	DRAWING NUMBER <b>EE7308AA</b>
		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 : 284TSTFCD6000

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

Catalog No : 284TSTFCD6000

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  
Vice President, Technology

### Authorized Representative in the Community:



Julian Clark  
Marketing Engineer

Created on 09/01/2022

**CE 22**