

PRODUCT INFORMATION PACKET

Model No: 811828.00

Catalog No: 811828.00

811828.00..200HP..1800RPM.445TSC.TEFC.460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.....

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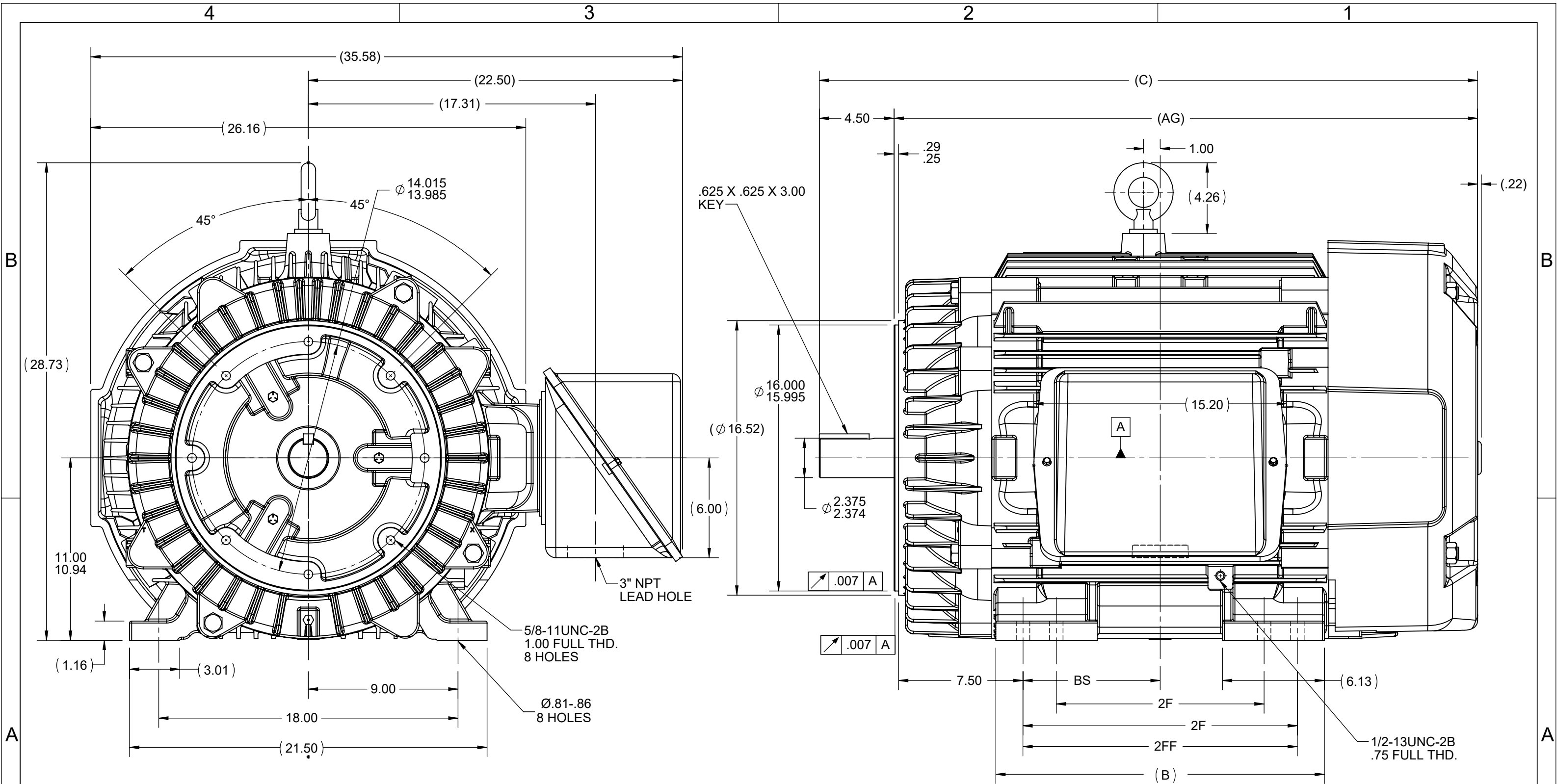
Nameplate Specifications

Output HP	200 Hp	Output KW	149.0 kW
Frequency	60 Hz	Voltage	460 V
Current	226.0 A	Speed	1785 rpm
Service Factor	1.15	Phase	3
Efficiency	96.2 %	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	445TSC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	56
Hazardous Location	DIVISION 2 T2B	Number of Speeds	1

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	4	Rotation	Reversible
Resistance Main	.018 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Assembly/Box Mounting	F2/F1 CAPABLE
Outline Drawing	SS516909A-2025	Connection Drawing	EE7340

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


- NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
 3. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	B	C	AG	2F	2FF	BS
2025	444/445TSC	19.76	39.60	35.10	14.50	16.50	8.25

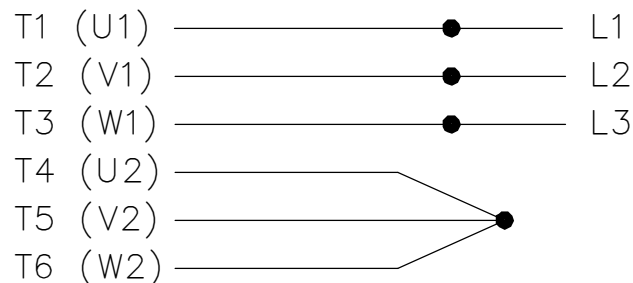
DRAWING REVISION	REVISION BY	REV DATE/© DATE
A		
REQUEST NUMBER	APPROVED BY	DATE
NMR-0216681		
REQUEST NUMBER DESCRIPTION		
NEW DRAWING		
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TOLERANCES (EXCEPT AS NOTED):			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±7° 30"
.XX	±0.03	[±0.8]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°			
CORNER FILLETS: R.02 [.5]			
MACHINED SURFACES: 200 INCH 5.1 mm			
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY			

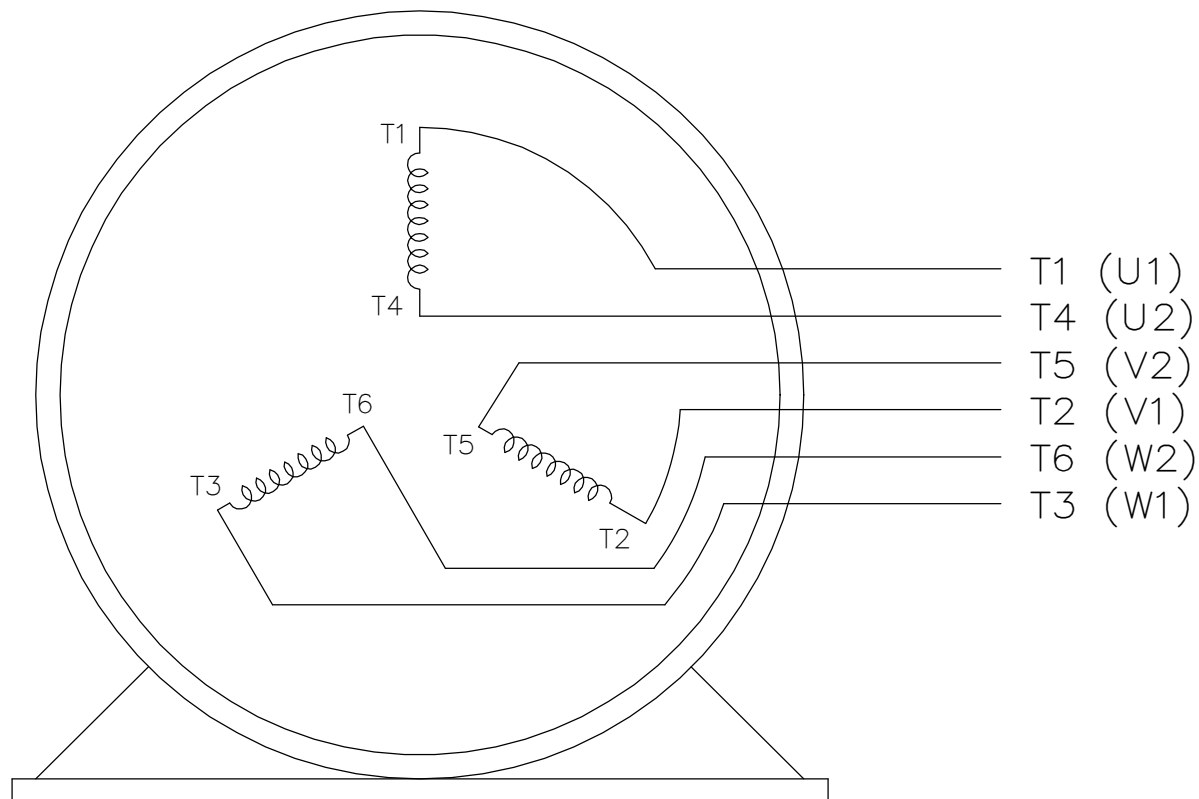
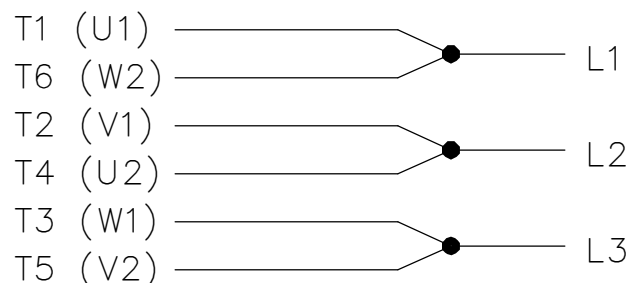
DRAWN BY		 Regal Beloit America, Inc.		
AC				
DATE	10/07/22	DESCRIPTION		
APPROVED BY	SC	OUTLINE		
DATE	10/07/22	444/445TSC FR. - TFN - C'FACE - F2		
REFERENCE		MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION		SIZE	DRAWING NUMBER	SHEET
B			SS516909A	1 OF 1

THREE PHASE
WYE START DELTA RUN

START





RUN



VIEW OF TERMINAL END

NOTE:
 IEC LEAD MARKINGS ARE NOTED
 IN PARANTHESES

DRAWING REVISION F	REVISION BY RTT	REV DATE/© DATE 05-29-2019	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±7° 30" .XX ±0.02 [±0.5] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45 ° CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 200/ 5.1 INCH √ mm √ mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY LZ	 Regal Beloit America, Inc.		
ECO ECO-0167538	APPROVED BY JWA	DATE 05-29-2019		DATE 01-06-1994			
ECO DESCRIPTION				APPROVED BY GK	DESCRIPTION CONNECTION DIAGRAM 3<MOD-DIAM> - WYE START DELTA RUN		
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				REFERENCE	MATERIAL	PROCESS/FINISH	
			THIRD ANGLE PROJECTION 	SIZE A	DRAWING NUMBER EE7340	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 : 811828.00

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

Catalog No : 811828.00

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 09/28/2022

CE 22