

PRODUCT INFORMATION PACKET

Model No: B194231.00

Catalog No: B194231.00

..30HP..1200RPM.326T.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.....ROLLER BRGS.....

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Nameplate Specifications

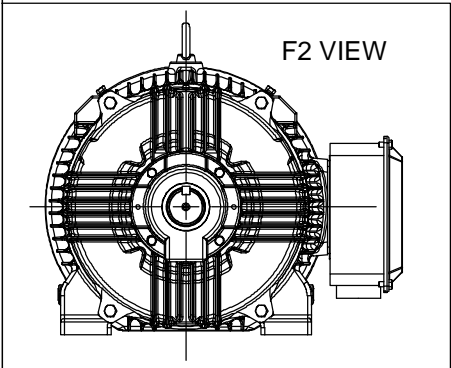
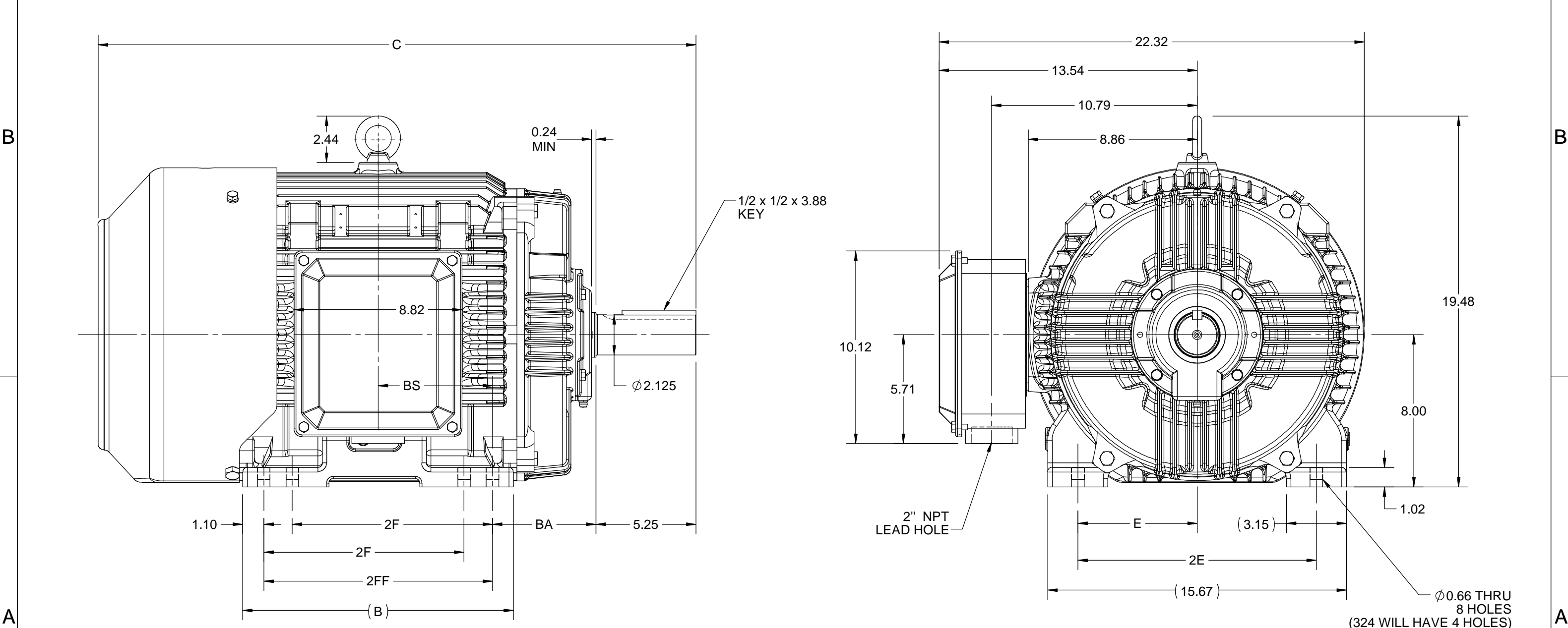
Output HP	30 Hp	Output KW	22.4 kW
Frequency	60 Hz	Voltage	230/460 V
Current	76.0/38.0 A	Speed	1185 rpm
Service Factor	1.15	Phase	3
Efficiency	93 %	Power Factor	79
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	326T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	NU312	Opp Drive End Bearing Size	6212
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		



Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.268 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Roller
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Shaft Diameter	2.125 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 2:1/VARIABLE 10:1
Connection Drawing	EE7308K	Outline Drawing	SS312782-326T

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4				3				2			1
DASH NO.	B	C	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME	
100	12.71	29.69	6.25	12.50	---	10.50	5.25	5.25	F1 OR F2	324T	
200	14.21	31.19			10.50	12.00		6.00		324/326T	



DRAWING REVISION C	REVISION BY ASHOK N	REV DATE/© DATE 14/10/2020	PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY NIV	 Regal Beloit America, Inc.		
ECO ECO-0194008	APPROVED BY GNK	DATE 14/10/2020		DATE 25/03/2016			
ECO DESCRIPTION				APPROVED BY SBD	DESCRIPTION		
DRAWING UPDATED				DATE 25/03/2016	OUTLINE 324/326T FR-NEMA-TEFC		
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				THIRD ANGLE PROJECTION 	SIZE B	DRAWING NUMBER SS312782	SHEET 1 OF 1

LOW VOLTAGE

EE7308K

HIGH VOLTAGE

VIEW OF TERMINAL END

			TOLERANCES UNLESS SPECIFIED			 REGAL - BELOIT CORPORATION	DRAWN PGK 06-04-1997		
NO.	REVISION	BY & DATE	CHK	ANG	± 7'30"		CHK	ML	06-05-1997
E	CORRECTED IEC MARKINGS ECD-0111208	WGJ 01-23-2017	EMH	DEC.	INCHES				
D	RE-DRAWN WITH REGAL LOGO ECD-0110493	WGJ 09-30-2016	EMH	.X	± .1				
8	ADDED IEC DESIGNATIONS MU95020	TJW 4/30/2010	MJS	.XX	± .02	TITLE CONNECTION DIAGRAM DELTA CON. - 3Ø - 9 LEADS			
7	REVISED HIGH VOLTAGE L2 WAS L3 CN52600-354	MRB 09-21-1998		.XXX	± .005				
6	REDRAWN ON CADD	PGK 06-05-1997		.XXXX	± .0005				
						MAT'L.			
						FINISH			
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								EE7308K	REV.
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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 : B194231.00

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

Catalog No : B194231.00

Rework No : N/A

Directives :

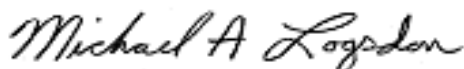
Low Voltage Directive 2014/35/EU

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 09/01/2022

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