

# PRODUCT INFORMATION PACKET

Model No: B194238.00

Catalog No: B194238.00

75HP..1800RPM.365T.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.....ROLLER BRGS.

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### Nameplate Specifications

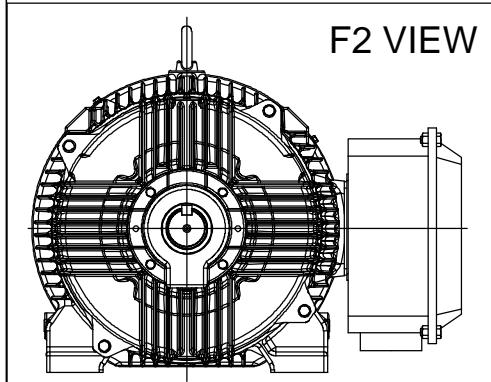
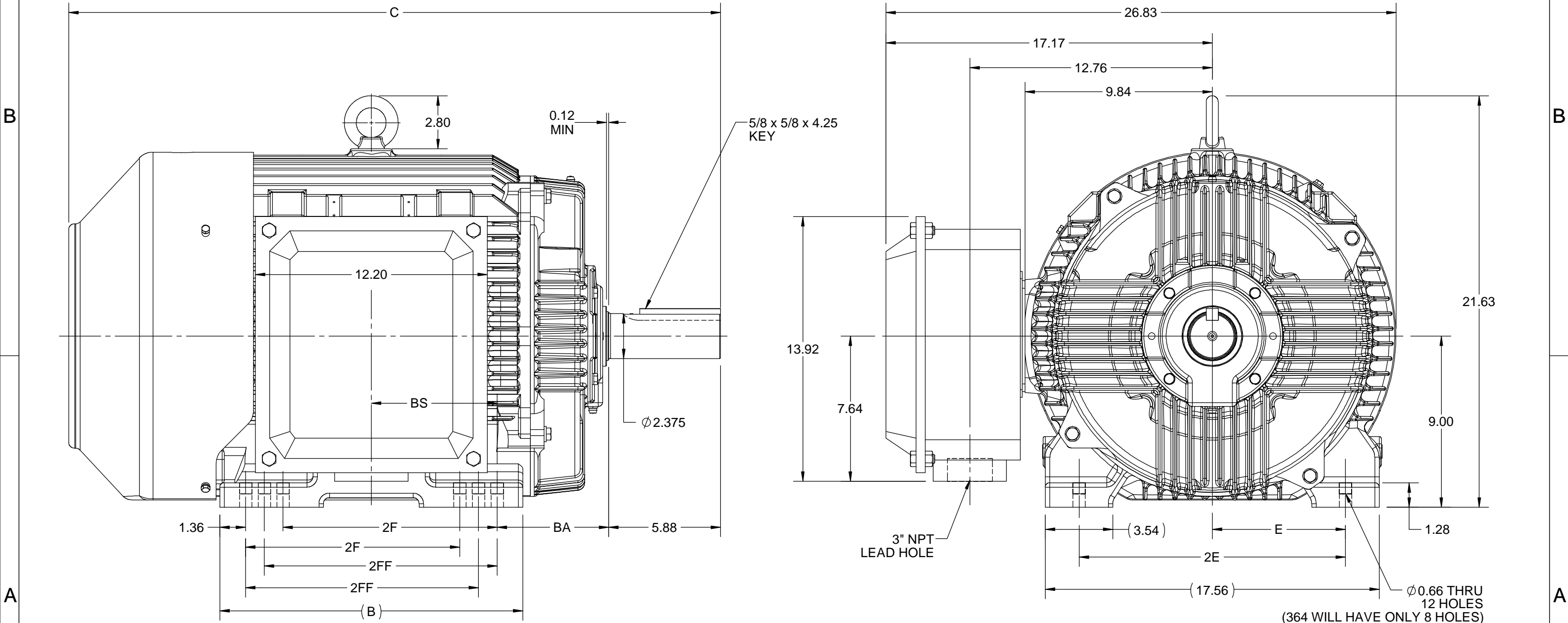
|                        |               |                            |                             |
|------------------------|---------------|----------------------------|-----------------------------|
| Output HP              | 75 Hp         | Output KW                  | 56.0 kW                     |
| Frequency              | 60 Hz         | Voltage                    | 230/460 V                   |
| Current                | 171.0/85.5 A  | Speed                      | 1782 rpm                    |
| Service Factor         | 1.15          | Phase                      | 3                           |
| Efficiency             | 95.4 %        | Power Factor               | 86                          |
| Duty                   | Continuous    | Insulation Class           | F                           |
| Design Code            | B             | KVA Code                   | G                           |
| Frame                  | 365T          | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection | Ambient Temperature        | 40 °C                       |
| Drive End Bearing Size | NU313         | Opp Drive End Bearing Size | 6213                        |
| UL                     | Recognized    | CSA                        | Y                           |
| CE                     | Y             | IP Code                    | 43                          |
| Number of Speeds       | 1             |                            |                             |


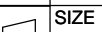
### Technical Specifications

|                       |                              |                   |                  |
|-----------------------|------------------------------|-------------------|------------------|
| Electrical Type       | Squirrel Cage Inverter Rated | Starting Method   | Line Or Inverter |
| Poles                 | 4                            | Rotation          | Reversible       |
| Resistance Main       | .072 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    | 2.375 in         |
| Assembly/Box Mounting | F1/F2 CAPABLE                | Inverter Load     | CONSTANT 2:1     |
| Connection Drawing    | EE7308K                      | Outline Drawing   | SS556999         |

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| 4        |       |       |      |       |       | 3     |      |      |          |          | 2 |  |  |  |  | 1 |  |  |  |  |
|----------|-------|-------|------|-------|-------|-------|------|------|----------|----------|---|--|--|--|--|---|--|--|--|--|
| DASH NO. | B     | C     | E    | 2E    | 2F    | 2FF   | BA   | BS   | MOUNTING | FRAME    |   |  |  |  |  |   |  |  |  |  |
| 100      | 14.96 | 33.30 | 7.00 | 14.00 | -     | 11.25 | 5.88 | 6.12 | F1 OR F2 | 364T     |   |  |  |  |  |   |  |  |  |  |
| 200      | 15.94 | 34.30 |      |       | 11.25 | 12.25 |      | 6.62 |          | 364/365T |   |  |  |  |  |   |  |  |  |  |



|  |  |                        |  |                               |  |                        |  |   |  |                |  |                            |  |                 |  |
|--|--|------------------------|--|-------------------------------|--|------------------------|--|---|--|----------------|--|----------------------------|--|-----------------|--|
| DRAWING REVISION<br>C  |  | REVISION BY<br>S SAHOO |  | REV DATE/© DATE<br>17/11/2020 |  | DRAWN BY<br>NIV        |  | <div> Regal Beloit America, Inc.</div> |  |                |  |                            |  |                 |  |
| ECO<br>ECO-0194715   |  | APPROVED BY<br>GNK     |  | DATE<br>17/11/2020            |  | DATE<br>25/03/2016     |  |   |  |                |  |                            |  |                 |  |
| ECO DESCRIPTION  |  |                        |  |                               |  | APPROVED BY<br>SBD     |  | DESCRIPTION   |  |                |  |                            |  |                 |  |
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|  |  |                        |  |                               |  | REFERENCE              |  | MATERIAL  |  | PROCESS/FINISH |  |                            |  |                 |  |
|  |  |                        |  |                               |  | THIRD ANGLE PROJECTION |  |                                        |  | SIZE<br>B      |  | DRAWING NUMBER<br>SS556999 |  | SHEET<br>1 OF 1 |  |
|  |  |                        |  |                               |  |                        |  |   |  |                |  |                            |  |                 |  |
| PRIMARY DIMENSIONS ARE INCH<br>mm DIMENSIONS IN [BRACKETS]<br>ARE FOR REFERENCE ONLY   |  |                        |  |                               |  |                        |  |   |  |                |  |                            |  |                 |  |

LOW VOLTAGE

EE7308K

HIGH VOLTAGE

VIEW OF TERMINAL END

|  |  |                | TOLERANCES<br>UNLESS SPECIFIED |       |         |  <b>REGAL - BELOIT CORPORATION</b> | 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<br>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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|  |  |                |                                |       |         | DIST  |                      |             | A          |
|  |  |                |                                |       |         |   |                      | DRAWING NO. | PAGE OF    |
|  |  |                |                                |       |         |   |                      | EE7308K     | REV.       |
|  |  |                |                                |       |         |   |                      |             | E          |

## 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 : B194238.00

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

Catalog No : B194238.00

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

**CE 22**