

PRODUCT INFORMATION PACKET

Model No: 141368.00

Catalog No: 141368.00

141368.00..10HP..3600RPM.213TC.DP.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.....

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Nameplate Specifications

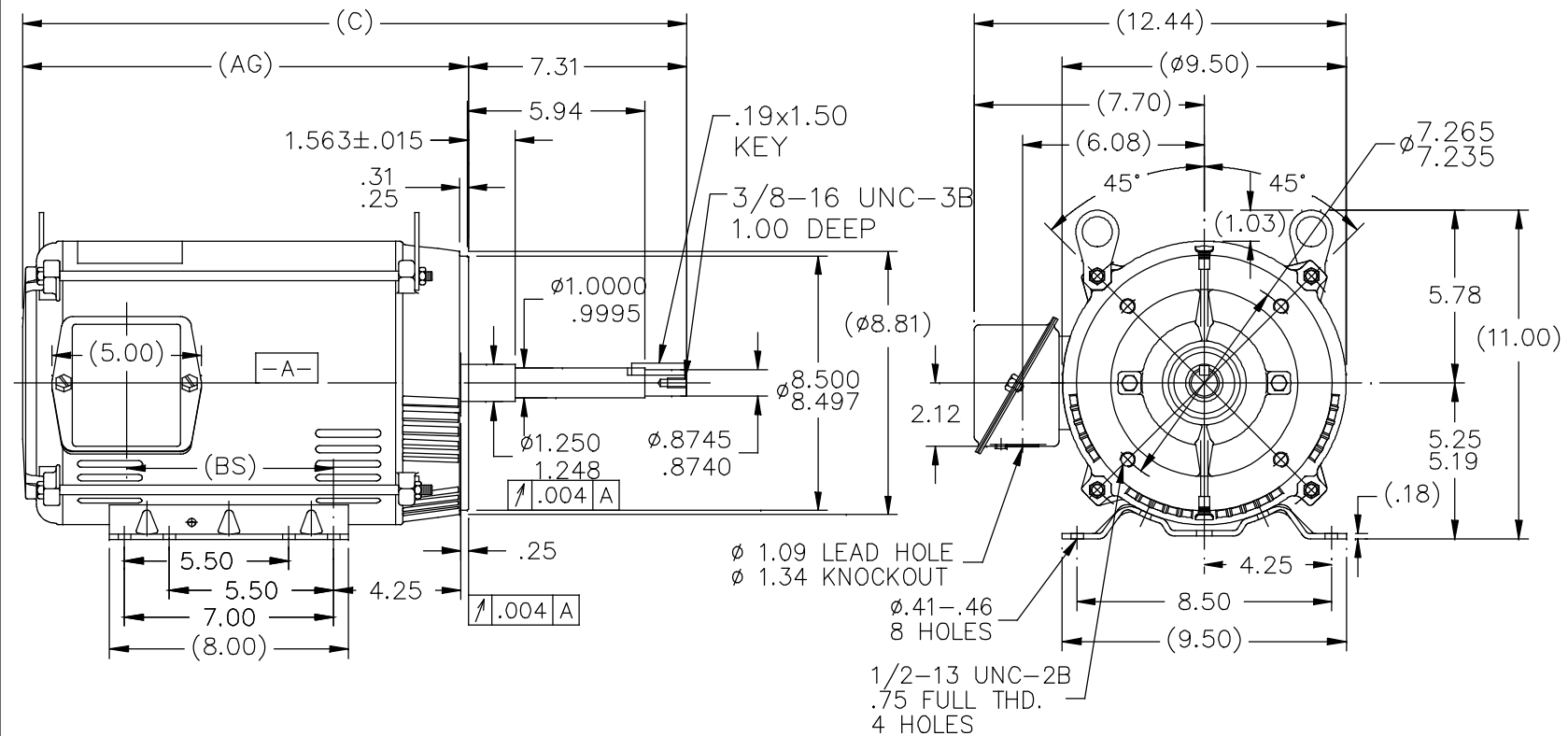
| | | | |
|------------------------|---------------|----------------------------|------------|
| Output HP | 10 Hp | Output KW | 7.5 kW |
| Frequency | 60 Hz | Voltage | 230/460 V |
| Current | 24.2/12.1 A | Speed | 3530 rpm |
| Service Factor | 1.15 | Phase | 3 |
| Efficiency | 90.2 % | Power Factor | 85.4 |
| Duty | Continuous | Insulation Class | F |
| Design Code | B | KVA Code | G |
| Frame | 213TCZ | Enclosure | Drip Proof |
| Thermal Protection | No Protection | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 6309 | Opp Drive End Bearing Size | 6206 |
| UL | Recognized | CSA | Y |
| CE | Y | IP Code | 22 |
| Number of Speeds | 1 | | |

Technical Specifications

| | | | |
|-----------------------|------------------------------|--------------------|------------------|
| Electrical Type | Squirrel Cage Inverter Rated | Starting Method | Line Or Inverter |
| Poles | 2 | Rotation | Reversible |
| Resistance Main | 1.4632 Ohms | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Rolled Steel |
| Shaft Type | Single Special Extension | Shaft Diameter | 1.250 in |
| Assembly/Box Mounting | F1/F2 CAPABLE | Inverter Load | VARIABLE 10:1 |
| Outline Drawing | 038104-1115 | Connection Drawing | 005010.01 |

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038104



| DASH | FR. | C | AG | BS | MOUNTING |
|------|-----------|-------|-------|------|----------|
| 965 | 213TCZ | 20.78 | 15.79 | 5.43 | |
| 1115 | 213/15TCZ | 22.28 | 17.29 | 6.93 | |
| 1240 | 213/15TCZ | 23.53 | 18.54 | 8.18 | F1 ONLY |

NOTES:

1. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.
2. CONDUIT BOX CAN BE MOUNTED IN 90° STEPS.
3. CONDUIT BOX CAN BE MOUNTED OM OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180. (EXCEPT AS NOTED)

| | | TOLERANCES UNLESS SPECIFIED | | DRAWN ST 10/10/16 | |
|--|-------------------------|--------------------------------|-----------------|-------------------|-----------------|
| | | DEC. | INCHES | CHK | ST 10/10/16 |
| | | .X | ±.1 | APPD | ST 10/10/16 |
| | | .XX | ±.03 | SCALE | 1=5 |
| | | .XXX | ±.005 | REF | |
| A | UPDATED SHAFT EXTENSION | MVG 11/02/17 | SR .XXXX ±.0005 | MAT'L. | 141368.00 |
| NO. | REVISION | BY & DATE | CHK ANG ±7'30" | FINISH | PREV |
| THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT | | | | RFP | CAD FILE 038104 |
| | | | | DIST LB | SIZE A |
| | | | | DRAWING NO. | PAGE OF REV. A |
| | | | | 038104 | |

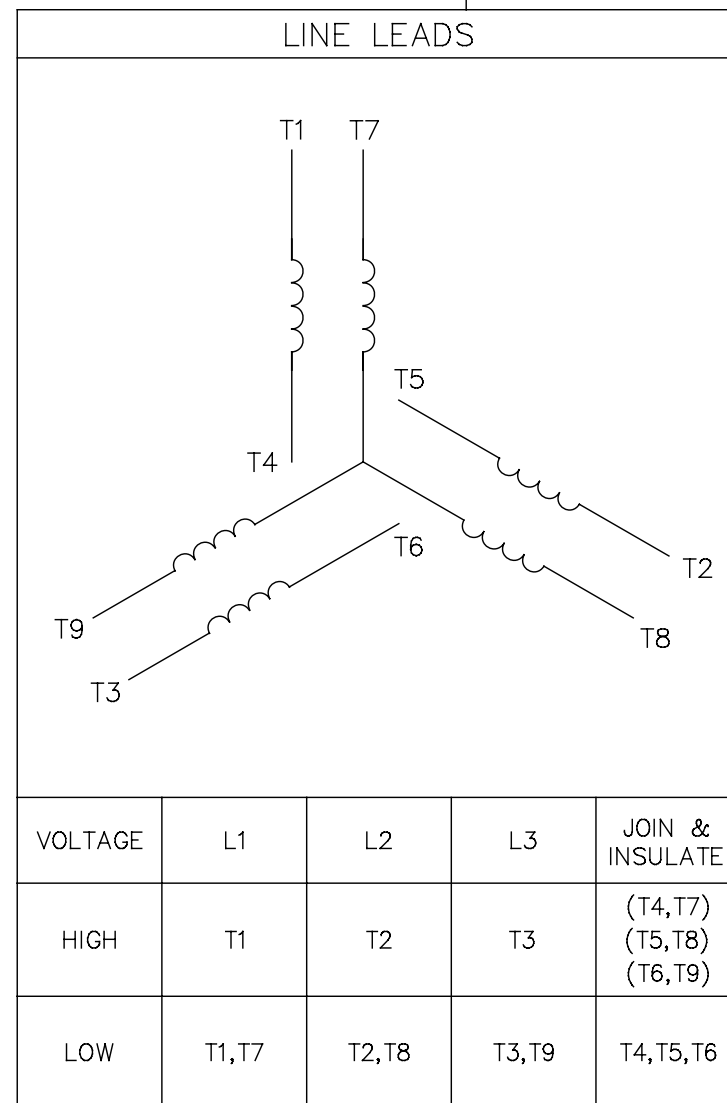
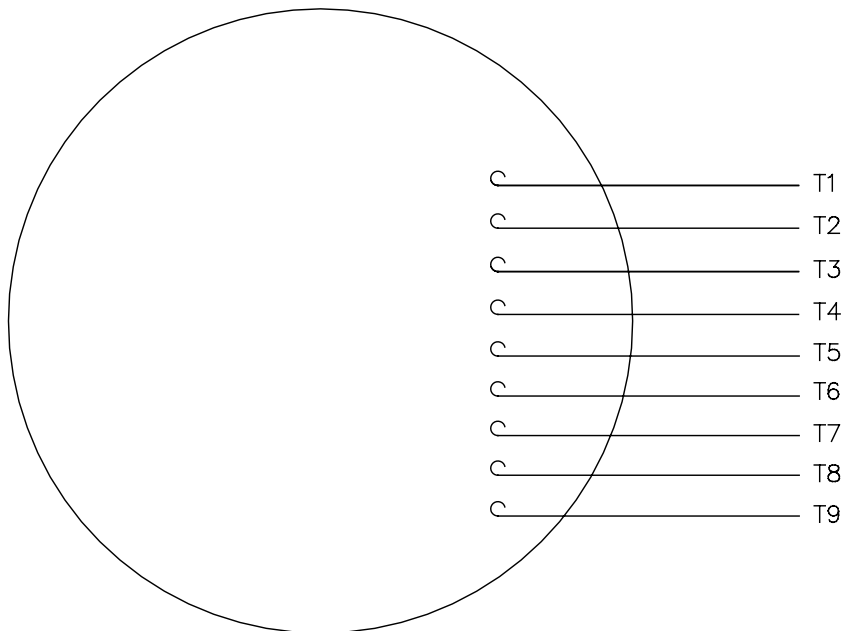


Regal Beloit America, Inc.


TITLE OUTLINE
210TCZ FR. - DR.PR. - C'FACE

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



| VOLTAGE | L1 | L2 | L3 | JOIN & INSULATE |
|---------|-------|-------|-------|-------------------------------|
| HIGH | T1 | T2 | T3 | (T4,T7) (T5,T8) (T6,T9) |
| LOW | T1,T7 | T2,T8 | T3,T9 | T4,T5,T6 |

| | | | | | | | | | | |
|--|-----------------------|--------------|-----|--------------------------------|--------|---|--------------------|------|-------------|-----|
| | | | | TOLERANCES UNLESS SPECIFIED | |  Regal Beloit America, Inc. | DRAWN RDW 04/12/02 | | | |
| | | | | DEC. | INCHES | | CHK | | | |
| | | | | .X | ±.1 | | APPD | | | |
| | | | | .XX | ±.01 | | SCALE 1=1 | | | |
| | | | | .XXX | ±.005 | | REF FIG.2-51 | | | |
| A | UPDATED TO REGAL LOGO | SAJ 06/26/15 | AJY | .XXXX | ±.0005 | MAT'L. DECAL - 004014 | | FMF | | |
| NO. | REVISION | BY & DATE | CHK | ANG | ±1/2" | FINISH | | PREV | | |
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| | | | | DIST BRF-NLV | | | | A | 005010-01 | A |

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 : 141368.00

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

Catalog No : 141368.00

Rework No : N/A

Directives :

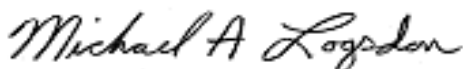
Low Voltage Directive 2014/35/EU

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