

# PRODUCT INFORMATION PACKET



Model No: 213TTDW14072

Catalog No: 213TTDW14072

General Purpose Motor, 7.50 HP, 3 Ph, 60 Hz, 200 V, 1800 RPM, 213T Frame, DP

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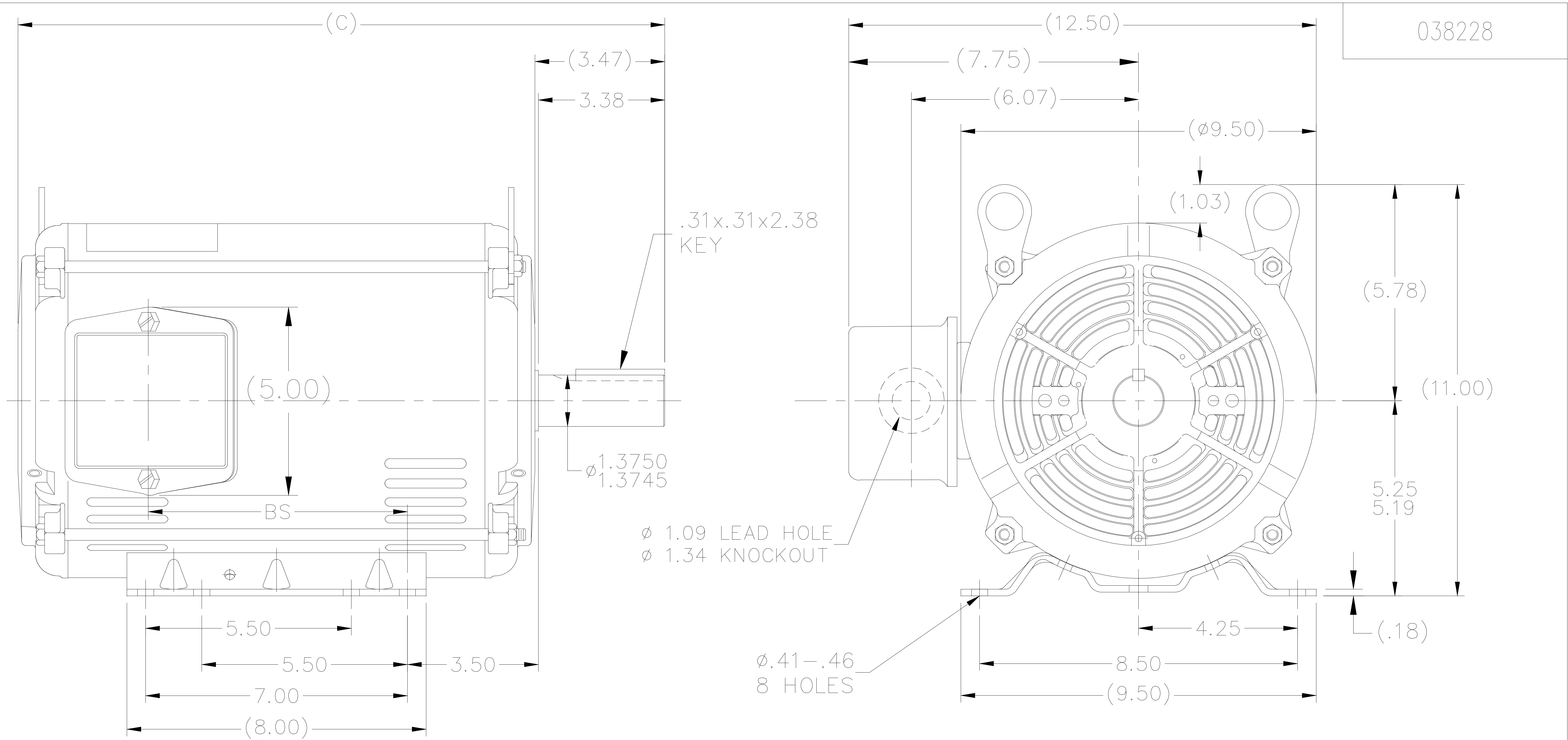
### Nameplate Specifications

|                        |               |                            |            |
|------------------------|---------------|----------------------------|------------|
| Output HP              | 7.50 Hp       | Output KW                  | 5.6 kW     |
| Frequency              | 60 Hz         | Voltage                    | 200 V      |
| Current                | 22.1 A        | Speed                      | 1760 rpm   |
| Service Factor         | 1.15          | Phase                      | 3          |
| Efficiency             | 88.5 %        | Power Factor               | 82         |
| Duty                   | 30 Minute     | Insulation Class           | F          |
| Design Code            | B             | KVA Code                   | H          |
| Frame                  | 213T          | Enclosure                  | Drip Proof |
| Thermal Protection     | No Protection | Ambient Temperature        | 40 °C      |
| Drive End Bearing Size | 6307          | 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 Induction Run | Starting Method    | Across The Line |
| Poles                 | 4                           | Rotation           | Reversible      |
| Resistance Main       | 1.6 Ohms                    | Mounting           | Rigid Base      |
| Motor Orientation     | Horizontal                  | Drive End Bearing  | Ball            |
| Opp Drive End Bearing | Ball                        | Frame Material     | Rolled Steel    |
| Shaft Type            | T                           | Shaft Diameter     | 1.375 in        |
| Assembly/Box Mounting | F1/F2 CAPABLE               |                    |                 |
| Outline Drawing       | 038228-1115                 | Connection Drawing | 005102.01       |

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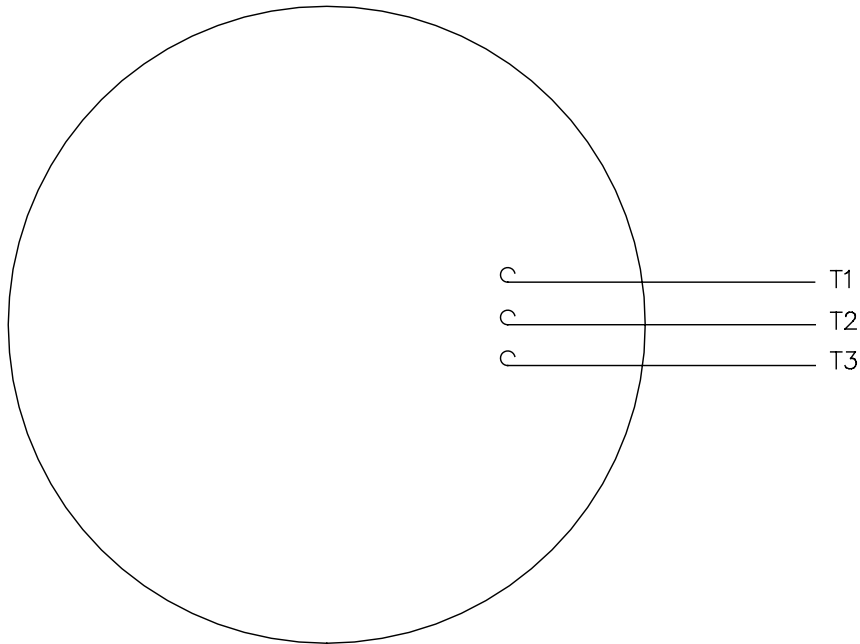
- NOTES:
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
  2. BOX CAN BE MOUNTED IN 90° STEPS.
  3. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°. (EXCEPT AS NOTED.)

| DASH | FR.     | C     | BS   | MOUNTING |
|------|---------|-------|------|----------|
| 1115 | 213/15T | 17.30 | 6.93 | F1/F2    |
| 1240 | 213/15T | 18.55 | 8.18 | F1 ONLY  |

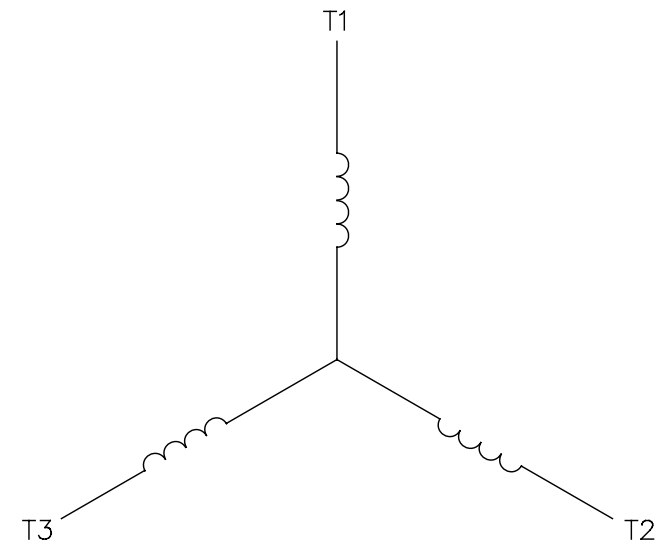
|  |             |               |         |                                |                 |   |  |    |            |             |       |             |  |      |
|--|-------------|---------------|---------|--------------------------------|-----------------|---|--|----|------------|-------------|-------|-------------|--|------|
|  |             |               |         | TOLERANCES<br>UNLESS SPECIFIED |                 |  <b>Regal Beloit America, Inc.</b> | DRAWN NK 05/07/2018                          |    |            |             |       |             |  |      |
|  |             |               |         | DEC.                           | INCHES          |   | CHK  | ST | 05/07/2018 |             |       |             |  |      |
|  |             |               |         | .X                             | ±.1             |   | APPD   | ST | 05/07/2018 |             |       |             |  |      |
|  |             |               |         | .XX                            | ±.03            |   | TITLE OUTLINE<br>210 FR. — BB — TS — DR. PR. |    |            |             | SCALE | 1=4         |  |      |
|  |             |               |         | .XXX                           | ±.005           |   |  |    |            |             | REF   |             |  |      |
| 1  | NEW DRAWING | NK 05/07/2018 | ST      | .XXXX                          | ±.0005          | MAT'L.  |  |    |            | FMF         |       |             |  |      |
| 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<br>IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED<br>THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO NOT SCALE THIS PRINT |             |               | RFP     |                                | CAD FILE 038228 |   |  |    | SIZE       | DRAWING NO. |       | PAGE 1 OF 1 |  | REV. |
|  |             |               | DIST LB |                                |                 |   |  |    | A          | 038228      |       |             |  | A    |

005102-01


VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS

CONNECT LEADS AS FOLLOWS  
FOR FOUR CONDUCTOR CORD ( )

|       |             |               |               |         |
|-------|-------------|---------------|---------------|---------|
| CORD  | L1<br>(RED) | L2<br>(WHITE) | L3<br>(BLACK) | (GREEN) |
| MOTOR | T1          | T2            | T3            | GROUND  |

|  |                                    |              |              |                                |                   |   |                   |                          |            |
|--|------------------------------------|--------------|--------------|--------------------------------|-------------------|---|-------------------|--------------------------|------------|
|  |                                    |              |              | TOLERANCES<br>UNLESS SPECIFIED |                   |  <b>Regal Beloit America, Inc.</b> | DRAWN JRW 9/11/75 |                          |            |
|  |                                    |              |              | DEC.                           | INCHES            |   | CHK               |                          |            |
|  |                                    |              |              | .X                             | ±.1               |   | APPD JCW 9/11/75  |                          |            |
| 08   | UPDATED TO REGAL LOGO              | SAJ 06/26/15 | AJY          | .XX                            | ±.01              | TITLE<br>EXTERNAL WIRING DIAGRAM<br>TYPE "T" W/O PROTECTOR  | SCALE 1=1         |                          |            |
| 07   | UPDATED TO CURRENT STANDARDS       | DBT 5/30/97  |              | .XXX                           | ±.005             |   | REF W-T6343-6     |                          |            |
| 06   | REDRAWN ON CAD; ADDED DECAL NUMBER | SAW 1/24/95  |              | .XXXX                          | ±.0005            | MAT'L. DECAL - 004169   | FMF 6T17FB7       |                          |            |
| NO.  | REVISION                           | BY & DATE    | CHK          | ANG                            | ±1/2"             | FINISH  | PREV              |                          |            |
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|  |                                    |              | DIST BRF-NLV |                                |                   |   |                   |                          |            |