

# PRODUCT INFORMATION PACKET



Model No: C215T17FB44C  
Catalog No: 170212.00  
10..1800.215T.TEFC.575.3.60.....  
Totally Enclosed Fan Cooled (TEFC)



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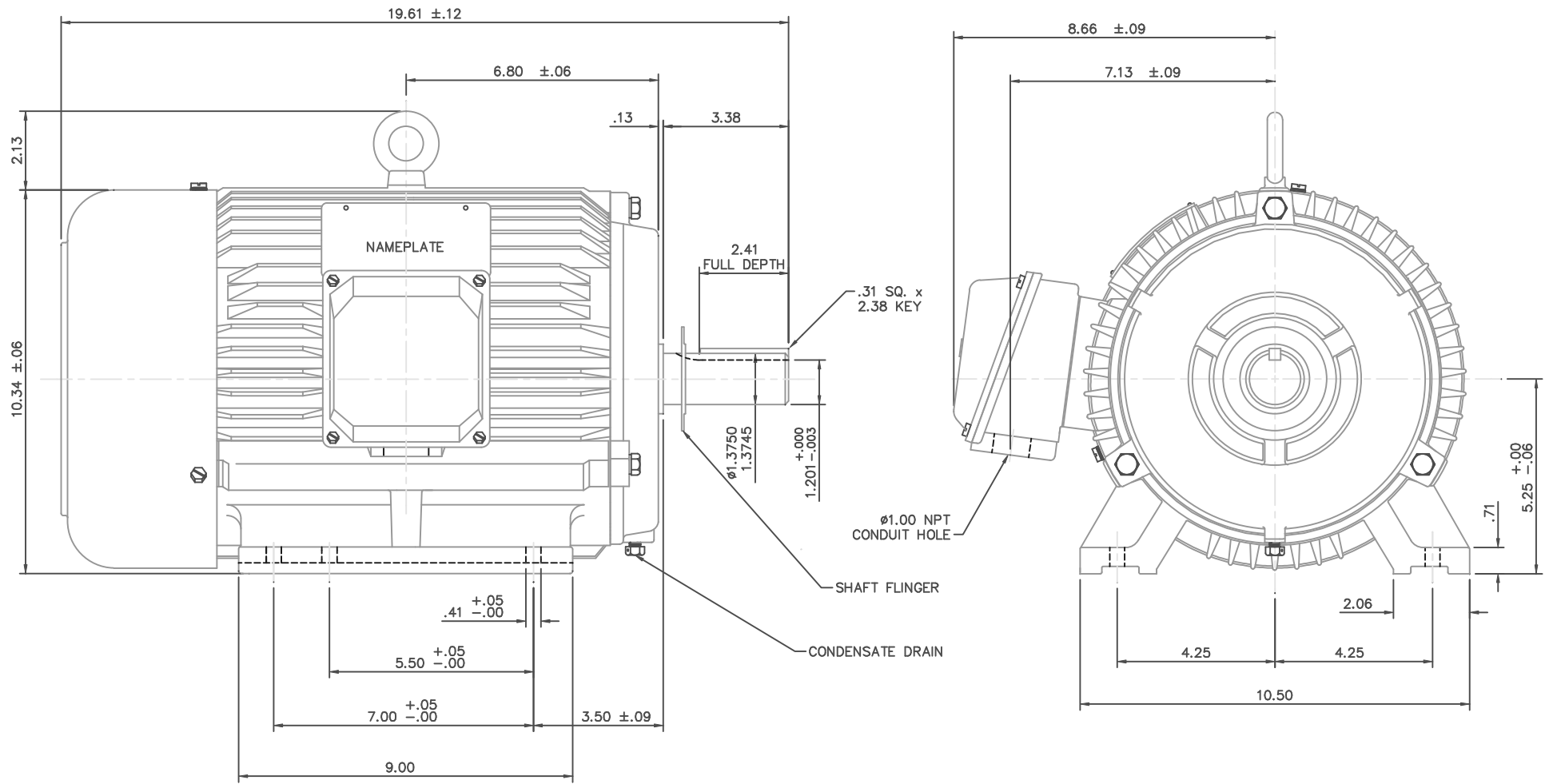
### Nameplate Specifications

|                            |                                    |                        |                   |
|----------------------------|------------------------------------|------------------------|-------------------|
| Output HP                  | <b>10 Hp</b>                       | Output KW              | <b>7.5 kW</b>     |
| Frequency                  | <b>60 Hz</b>                       | Voltage                | <b>575 V</b>      |
| Current                    | <b>10.0 A</b>                      | Speed                  | <b>1763 rpm</b>   |
| Service Factor             | <b>1.15</b>                        | Phase                  | <b>3</b>          |
| Efficiency                 | <b>91.7 %</b>                      | Duty                   | <b>Continuous</b> |
| Insulation Class           | <b>F</b>                           | Design Code            | <b>B</b>          |
| KVA Code                   | <b>H</b>                           | Frame                  | <b>215T</b>       |
| Enclosure                  | <b>Totally Enclosed Fan Cooled</b> | Overload Protector     | <b>No</b>         |
| Ambient Temperature        | <b>40 °C</b>                       | Drive End Bearing Size | <b>6308</b>       |
| Opp Drive End Bearing Size | <b>6306</b>                        | UL                     | <b>Recognized</b> |
| CSA                        | <b>Y</b>                           | CE                     | <b>Y</b>          |
| IP Code                    | <b>43</b>                          |                        |                   |

### Technical Specifications

|                   |                                    |                       |                        |
|-------------------|------------------------------------|-----------------------|------------------------|
| Electrical Type   | <b>Squirrel Cage Induction Run</b> | Starting Method       | <b>Across The Line</b> |
| Poles             | <b>4</b>                           | Rotation              | <b>Reversible</b>      |
| Mounting          | <b>Rigid base</b>                  | Motor Orientation     | <b>Horizontal</b>      |
| Drive End Bearing | <b>Ball</b>                        | Opp Drive End Bearing | <b>Ball</b>            |
| Frame Material    | <b>Cast Iron</b>                   | Shaft Type            | <b>T</b>               |
| Overall Length    | <b>19.61 in</b>                    | Shaft Diameter        | <b>1.375 in</b>        |
| Shaft Extension   | <b>3.38 in</b>                     | Assembly/Box Mounting | <b>F1/F2 CAPABLE</b>   |
| Outline Drawing   | <b>16953660</b>                    | Connection Diagram    | <b>005102.01</b>       |

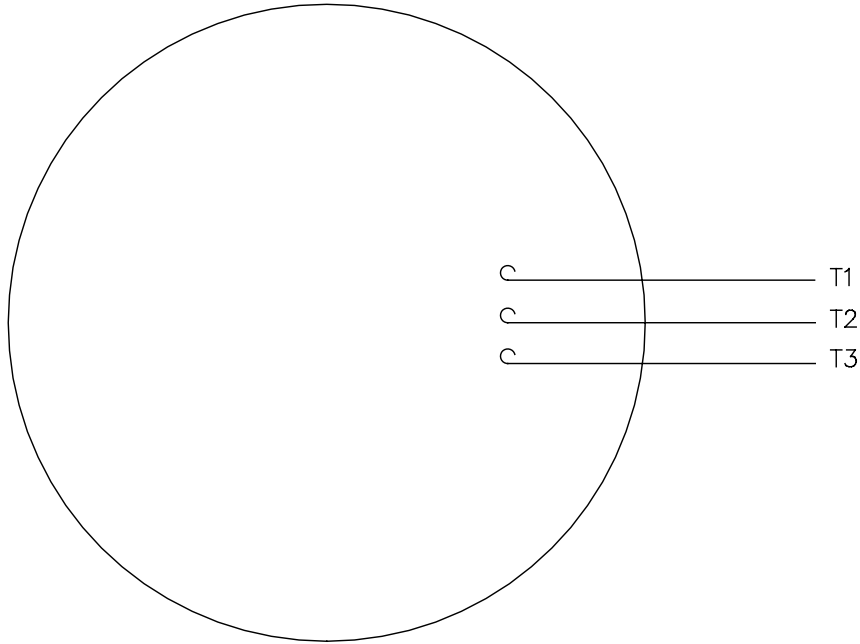
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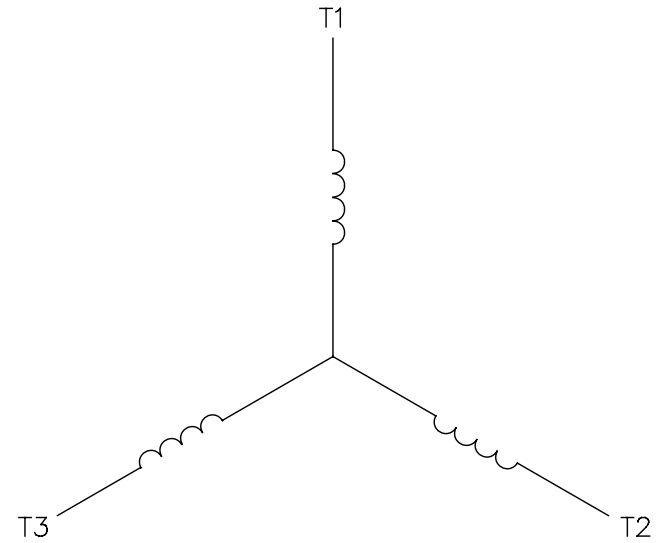
|   |                                  |           |         | TOLERANCES UNLESS OTHERWISE SPECIFIED |        |        | LEESON ELECTRIC CORPORATION |          |                                 |
|---|----------------------------------|-----------|---------|---------------------------------------|--------|--------|-----------------------------|----------|---------------------------------|
|   |                                  |           |         | DEC.                                  | INCHES | METRIC | DRAWN                       | DRZ      | TITLE                           |
|   |                                  |           |         | .X                                    | ±.1    | ±2.5   | DRZ                         | 03/19/01 | OUTLINE - 215T FRAME            |
|   |                                  |           |         | .XX                                   | ±.03   | ±.76   | APPR.                       |          | TEFC - RIGID MOUNT, NEW CON-BOX |
| 01  | REDRAWN TO CURRENT CAD STANDARDS | CJK       | 9/17/01 | .XXX                                  | ±.005  | ±.127  | R.F.P.                      |          | MAT'L. CAST IRON                |
| NO.   | REVISION                         | BY & DATE | CHK'D.  | .XXXX                                 | ±.0005 | ±.0127 | SCALE                       | 3=8      |                                 |
| 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. |                                  |           |         | FRACTIONS                             | ±1/64  | REF.   | 169501                      | FINISH   | HEBEI                           |
|   |                                  |           |         | ANGLES                                | ±1/2°  | FMF    |                             | REV.     | DRAWING NO.                     |
|   |                                  |           |         |                                       |        |        |                             | 01       | 169536-60                       |

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™</b> Regal Beloit America, Inc.                   |  | 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 |  |  | FMF 6T17FB7       |             |      |
| NO.  | REVISION                           | BY & DATE    | CHK | ANG                            | ±1/2"  | FINISH   |  | PREV              |             |      |
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|  |                                    |              |     | DIST BRF-NLV                   |        |  |  | A                 | 005102-01   | 08   |