

# PRODUCT INFORMATION PACKET



Model No: 365TSTFCD6001-WX

Catalog No: 365TSTFCD6001-WX

General Purpose Motor, 75 & 60 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM,  
365TS Frame, TEFC

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## Nameplate Specifications

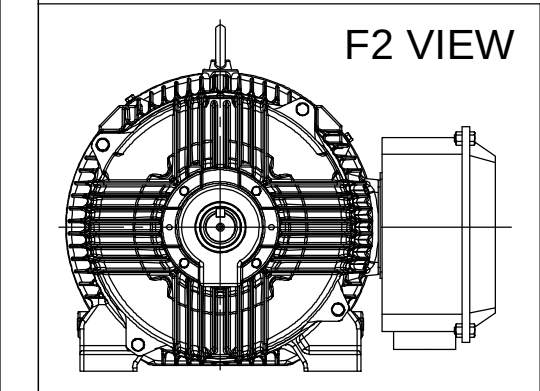
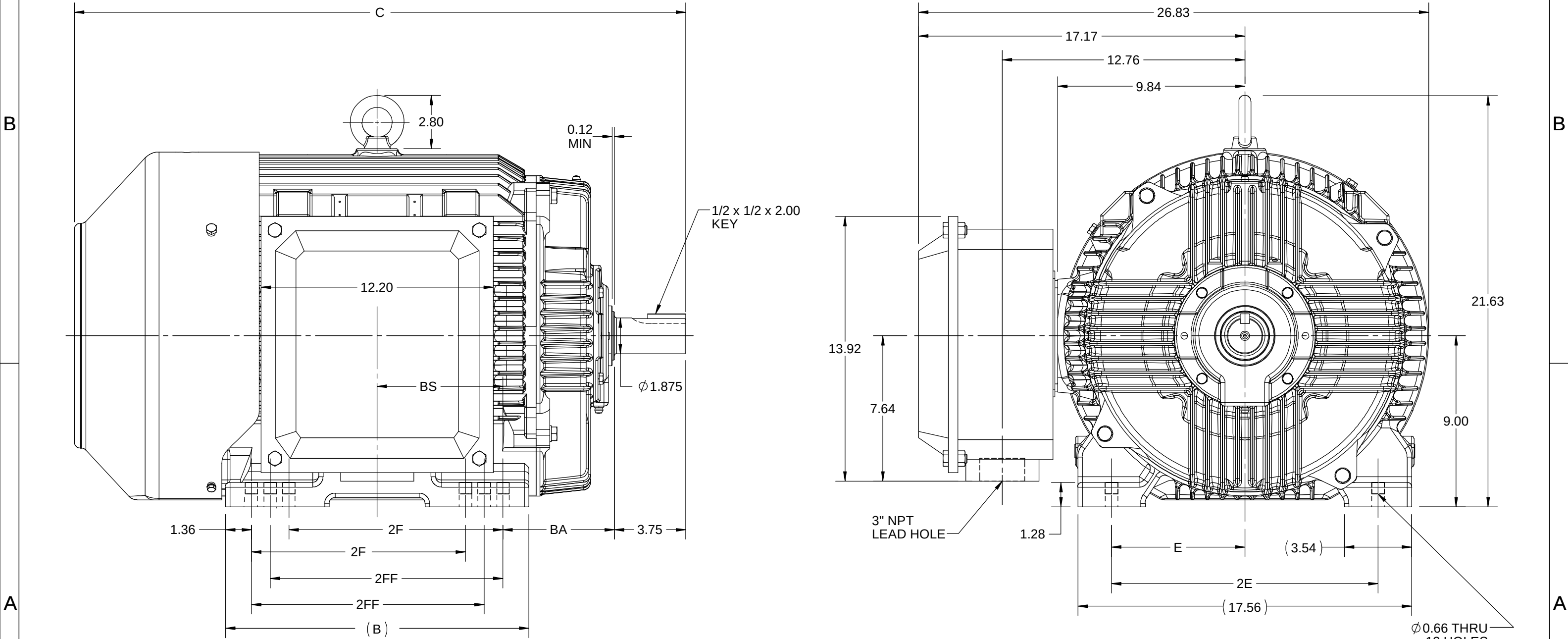
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|------------------------|---------------------|----------------------------|-----------------------------|
| Phase                  | 3                   | Output HP                  | 75 & 60 Hp                  |
| Output KW              | 56.0 & 45.0 kW      | Voltage                    | 230/460 & 190/380 V         |
| Speed                  | 3570 & 2970 rpm     | Service Factor             | 1.15 & 1.15                 |
| Frame                  | 365TS               | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection       | Efficiency                 | 94.5 & 94 %                 |
| Ambient Temperature    | 40 °C               | Frequency                  | 60 & 50 Hz                  |
| Current                | 168/84 & 163/81.5 A | Power Factor               | 89                          |
| Duty                   | Continuous          | Insulation Class           | F                           |
| Design Code            | B                   | KVA Code                   | G                           |
| Drive End Bearing Size | 6313                | Opp Drive End Bearing Size | 6213                        |
| UL                     | Listed              | CSA                        | Y                           |
| CE                     | Y                   | IP Code                    | 55                          |
| Number of Speeds       | 1                   | Hazardous Location         | DIVISION 2 T2B              |

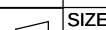
## Technical Specifications

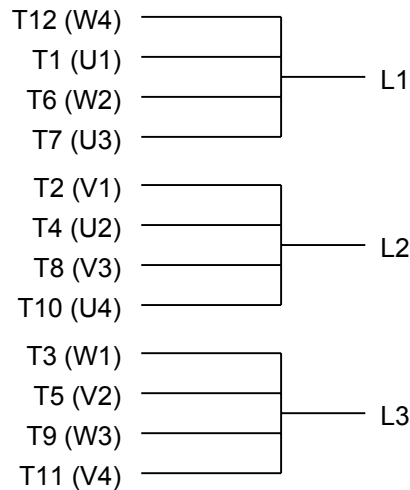
|                       |                              |                       |                                                                |
|-----------------------|------------------------------|-----------------------|----------------------------------------------------------------|
| Electrical Type       | Squirrel Cage Inverter Rated | Starting Method       | Part Wdg Start Low Volt Only & Wye Start Delta Run Or Inverter |
| Poles                 | 2                            | Rotation              | Reversible                                                     |
| Resistance Main       | .077 Ohms                    | Mounting              | Rigid Base                                                     |
| Motor Orientation     | Horizontal                   | Drive End Bearing     | Ball                                                           |
| Opp Drive End Bearing | Ball                         | Frame Material        | Cast Iron                                                      |
| Shaft Type            | TS                           | Assembly/Box Mounting | F1/F2 CAPABLE                                                  |
| Inverter Load         | CONSTANT 2:1/VARIABLE 10:1   |                       |                                                                |
| Connection Drawing    | EE7308AA                     | Outline Drawing       | SS556998-200                                                   |

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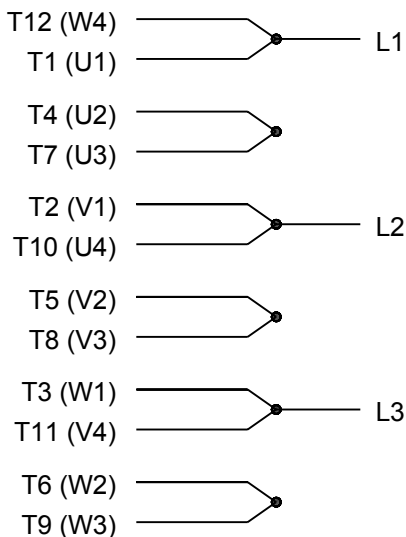
| 4        |       |       |      |       |       | 3     |      |      |          |           | 2 |  |  |  |  | 1 |  |  |  |  |
|----------|-------|-------|------|-------|-------|-------|------|------|----------|-----------|---|--|--|--|--|---|--|--|--|--|
| DASH NO. | B     | C     | E    | 2E    | 2F    | 2FF   | BA   | BS   | MOUNTING | FRAME     |   |  |  |  |  |   |  |  |  |  |
| 100      | 14.96 | 33.19 | 7.00 | 14.00 | -     | 11.25 | 5.88 | 6.12 | F1 OR F2 | 364TS     |   |  |  |  |  |   |  |  |  |  |
| 200      | 15.94 | 32.17 |      |       | 11.25 | 12.25 |      | 6.62 |          | 364/365TS |   |  |  |  |  |   |  |  |  |  |



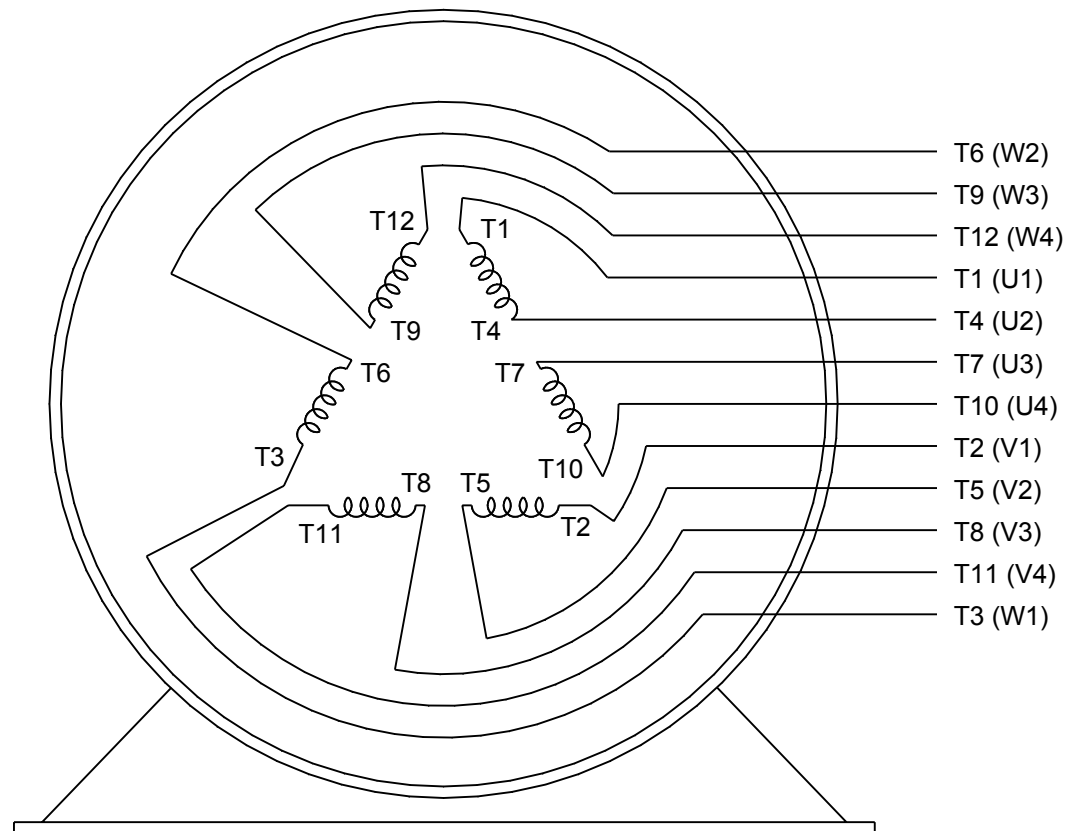
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| DRAWING REVISION<br>C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | REVISION BY<br>S SAHOO |  | REV DATE/© DATE<br>17/11/2020 |  | PRIMARY DIMENSIONS ARE INCH<br>mm DIMENSIONS IN [BRACKETS]<br>ARE FOR REFERENCE ONLY |  | DRAWN BY<br>NIV                                                                                              |  |  Regal Beloit America, Inc. |                            |                |                 |
| 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<br><br>OUTLINE<br>360TS FR-TEFC                                                                      |                            |                |                 |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                        |  |                               |  |                                                                                      |  | REFERENCE                                                                                                    |  | MATERIAL                                                                                                         |                            | PROCESS/FINISH |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                        |  |                               |  |                                                                                      |  | THIRD ANGLE PROJECTION  |  | SIZE<br>B                                                                                                        | DRAWING NUMBER<br>SS556998 |                | SHEET<br>1 OF 1 |



## LOW VOLTAGE



## HIGH VOLTAGE



## VIEW OF TERMINAL END

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------|
| DRAWING REVISION<br>K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | REVISION BY<br>AJW    | DATE<br>07-17-2015 |
| ECO<br>ECO-0081632                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | APPROVED BY<br>T. VUE | DATE<br>07-17-2015 |
| ECO DESCRIPTION<br>REV'D IEC MARKINGS PER IEC 60034-8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       |                    |
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|---------------------------|
| DRAWN BY<br>LZ            |
| DATE<br>01-12-1994        |
| APPROVED BY<br>GK         |
| DATE<br>01-14-1994        |
| REFERENCE                 |
| THIRD ANGLE<br>PROJECTION |

|                                                                                                                  |                            |                 |
|------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------|
|  Regal Beloit America, Inc. |                            |                 |
| DESCRIPTION<br><b>CONN DIAGRAM-EXTERNAL</b><br>3Ø-2/1 DELTA-12 LEADS                                             |                            |                 |
| MATERIAL                                                                                                         | PROCESS/FINISH             |                 |
| SIZE<br>A                                                                                                        | DRAWING NUMBER<br>EE7308AA | SHEET<br>1 OF 1 |