

# PRODUCT INFORMATION PACKET

Model No: 365TTGS14040  
Catalog No: 365TTGS14040  
75,1800,EPFC,365TDV,3/60/460

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## Nameplate Specifications

|                        |  |                            |                            |
|------------------------|--|----------------------------|----------------------------|
| Output HP              | 75 Hp                                  | Output KW                  | 56.0 kW                    |
| Frequency              | 60 Hz                                  | Voltage                    | 460 V                      |
| Current                | 86.0 A                                 | Speed                      | 1775 rpm                   |
| Service Factor         | 1                                      | Phase                      | 3                          |
| Efficiency             | 94.1 %                                 | Power Factor               | 85                         |
| Duty                   | Continuous                             | Insulation Class           | F                          |
| Design Code            | B                                      | KVA Code                   | G                          |
| Frame                  | 365TDV                                 | Enclosure                  | Explosion Proof Fan cooled |
| Thermal Protection     | Thermostats (N/C)                      | Ambient Temperature        | 40 °C                      |
| Drive End Bearing Size | NU314                                  | Opp Drive End Bearing Size | 6312                       |
| UL                     | No                                     | CSA                        | N                          |
| CE                     | N                                      | IP Code                    | 54                         |
| Hazardous Location     | EXP PROOF CL I GR C&D CL II GR F&G T3B | Number of Speeds           | 1                          |



## Technical Specifications

|                       |                              |                       |                  |
|-----------------------|------------------------------|-----------------------|------------------|
| Electrical Type       | Squirrel Cage Inverter Rated | Starting Method       | Line Or Inverter |
| Poles                 | 4                            | Rotation              | Reversible       |
| Resistance Main       | .079 Ohms                    | Mounting              | Round            |
| Motor Orientation     | Shaft Down                   | Drive End Bearing     | Roller           |
| Opp Drive End Bearing | Ball                         | Frame Material        | Cast Iron        |
| Shaft Type            | T                            | Assembly/Box Mounting | F1/F2 CAPABLE    |
| Connection Drawing    | A-EE7300S                    | Outline Drawing       | B-SS518555-1450  |

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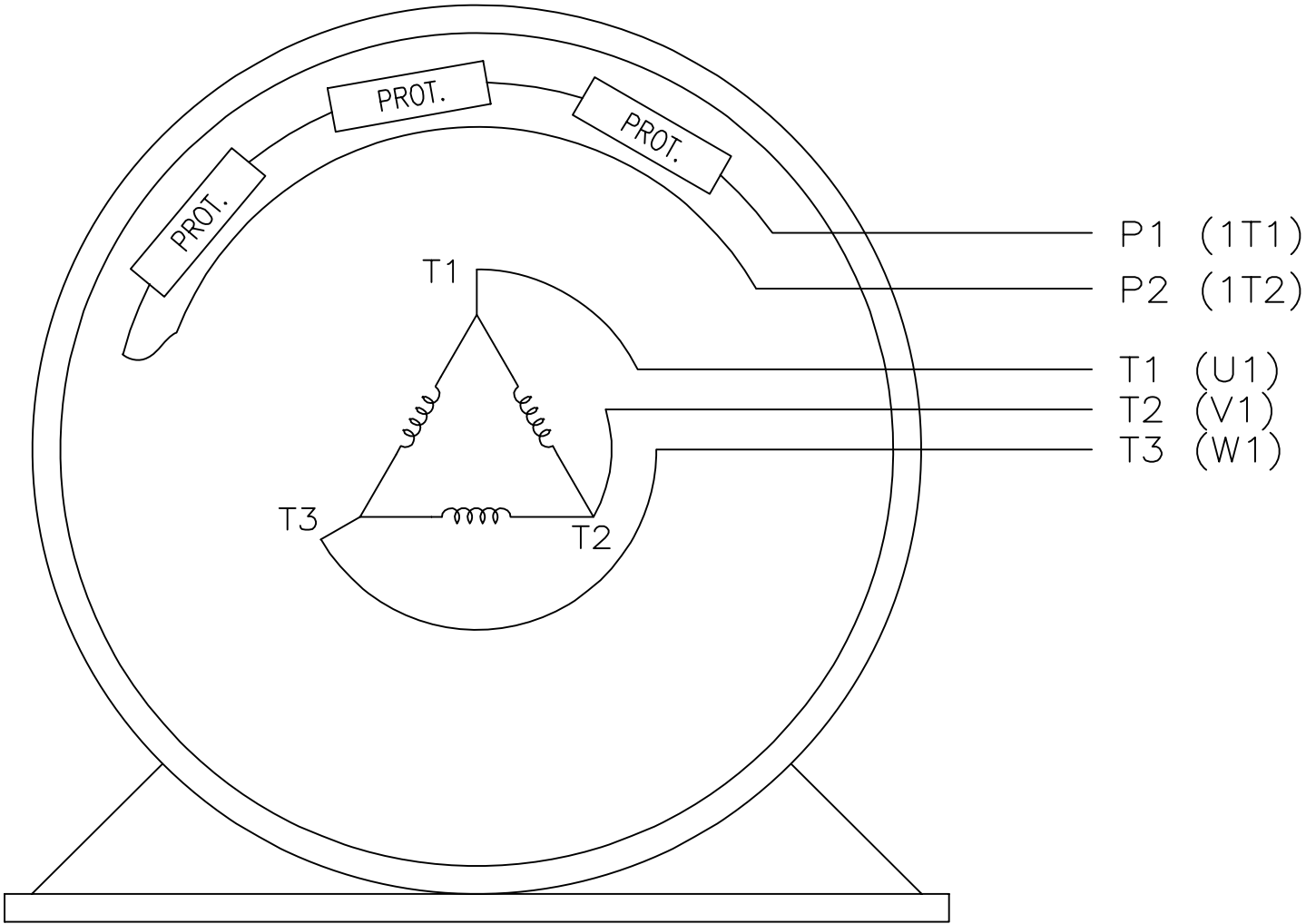
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

|   |  |                    |  |                               |  |  |  |                    |  |  |  |
|---|--|--------------------|--|-------------------------------|--|--|--|--------------------|--|--|--|
| DRAWING REVISION<br>G   |  | REVISION BY<br>NIV |  | REV DATE/© DATE<br>04/22/2021 |  | TOLERANCES (EXCEPT AS NOTED):<br>DEC. INCH mm ANGLE<br>.X ±0.1 [±3] ±7' 30"<br>.XX ±0.03 [±0.8]<br>.XXX ±0.005 [±0.13]<br>.XXXX ±0.0005 [±0.013]                                   |  | DRAWN BY<br>KL     |  |  Regal Beloit America, Inc. |  |
| REQUEST NUMBER<br>NMR-0213680   |  | APPROVED BY<br>NIV |  | DATE<br>04/22/2021            |  | REMOVE BURRS & BREAK SHARP<br>EDGES: .003/.015 [.08/.38] X 45°<br>CORNER FILLETS: R.02 [.5]<br>MACHINED SURFACES: 200 INCH 5.1/ mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY |  | DATE<br>06-21-2001 |  | DESCRIPTION<br><br>OUTLINE<br>360TDV-FR-VERT-D'FLANGE-DRIP COVER   |  |
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|   |  |                    |  |                               |  | THIRD ANGLE PROJECTION    |  | SIZE<br>B          |  | DRAWING NUMBER<br>SS518555   |  |
|   |  |                    |  |                               |  |  |  |                    |  | SHEET<br>1 OF 1  |  |

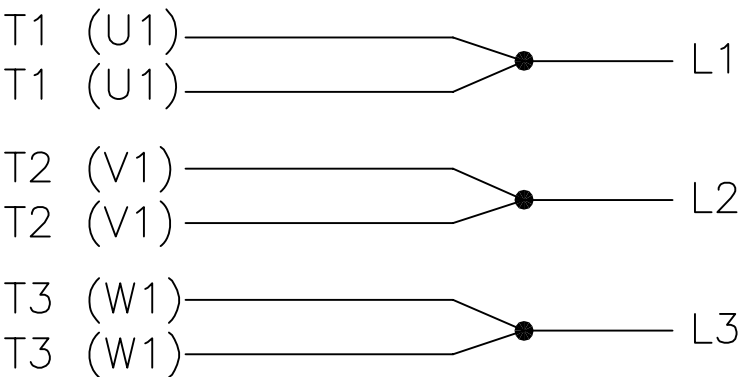
EE7300S

THREE PHASE – SINGLE VOLTAGE MOTOR

TO REVERSE ROTATION:  
INTERCHANGE ANY TWO LINE  
LEAD CONNECTIONS




IF MOTOR HAS MULTIPLE  
T'S PER LEAD CONNECT  
TOGETHER LIKE T'S



A-9806 DECAL

VIEW OF TERMINAL END

|  |                                     |                |               |                                |                  |   |                     |              |  |
|--|-------------------------------------|----------------|---------------|--------------------------------|------------------|---|---------------------|--------------|--|
|  |                                     |                |               | TOLERANCES<br>UNLESS SPECIFIED |                  |  <b>REGAL-BELOIT CORPORATION</b> | DRAWN KL 12-15-1999 |              |  |
|  |                                     |                |               | DEC.                           | INCHES           |   | CHK DJK 12-15-1999  |              |  |
| F  | UPDATED TITLE BLOCK                 | HV 02-27-2014  | EWB           | .X                             | ± -              |   | APPD DJK 12-15-1999 |              |  |
| 3  | REMOVED "N.C." FROM PROT.'S MU61770 | JJB 08-02-2010 |               | .XX                            | ± -              | TITLE CONNECTION DIAGRAM – EXTERNAL<br>SINGLE VOLTAGE 3Ø MOTOR  | SCALE 1=1           |              |  |
| 2  | ADDED IEC MARKINGS MU61770          | KL 09-16-2004  | EAB           | .XXX                           | ± -              |   | REF                 |              |  |
| 1  | NEW DRAWING                         | KL 12-16-1999  |               | .XXXX                          | ± -              | MAT'L.  | FMF                 |              |  |
| NO.  | REVISION                            | BY & DATE      | CHK           | ANG                            | ± -              | FINISH  | PREV                |              |  |
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|  |                                     |                | DIST WA-LB-SB |                                |                  |   |                     |              |  |