

# PRODUCT INFORMATION PACKET



Model No: TE186

Catalog No: TE186

60 HP General Purpose Motor, 3 phase, 1800 RPM, 208-230/460 V, 364TS Frame, TEFC  
General Purpose Motors



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### Nameplate Specifications

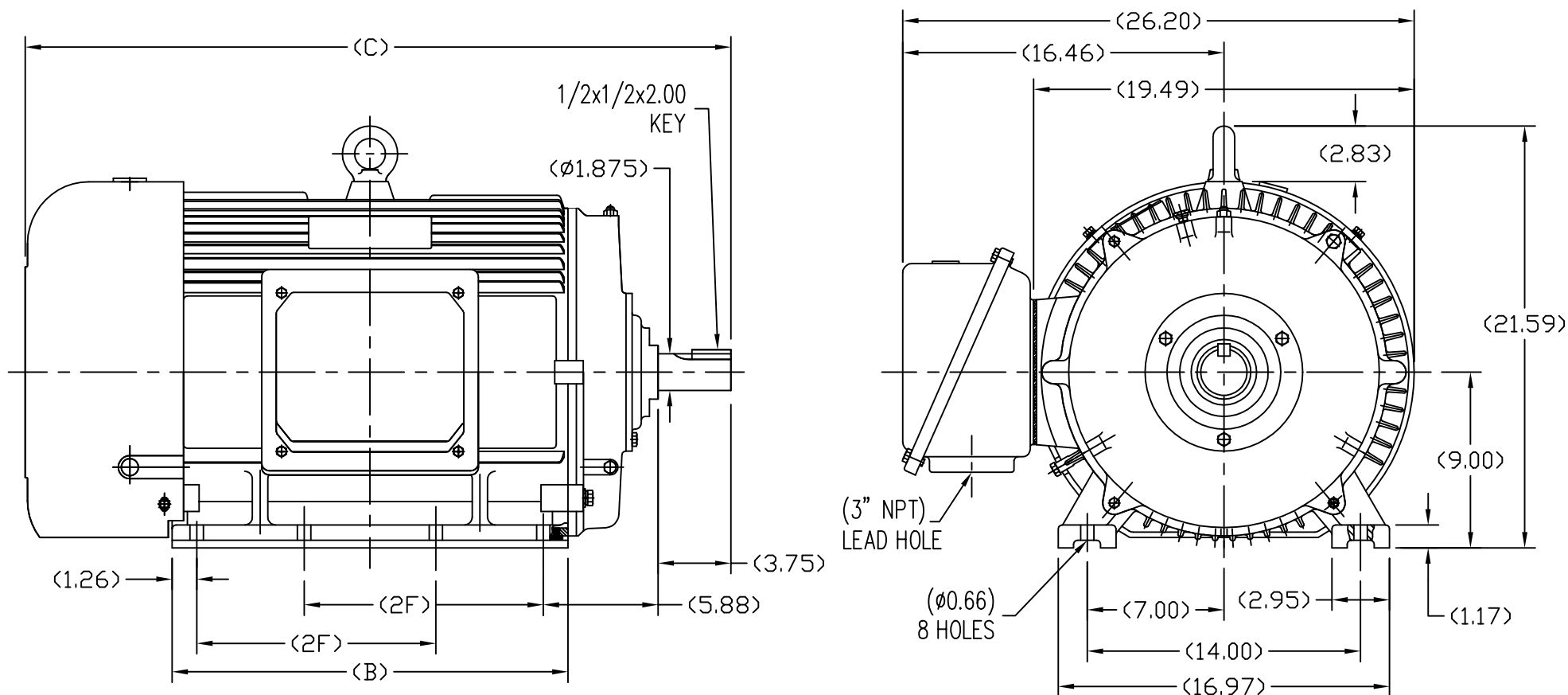
|                    |            |                     |                             |
|--------------------|------------|---------------------|-----------------------------|
| Output HP          | 60 Hp      | Output KW           | 44.8 kW                     |
| Frequency          | 60 Hz      | Voltage             | 208-230/460 V               |
| Current            | 69 A       | Speed               | 1780 rpm                    |
| Service Factor     | 1.15       | Phase               | 3                           |
| Duty               | Continuous | Insulation Class    | F                           |
| Frame              | 364TS      | Enclosure           | Totally Enclosed Fan Cooled |
| Thermal Protection | None       | Ambient Temperature | 40 °C                       |
| UL                 | Recognized | CSA                 | Y                           |
| CE                 | Y          | Number of Speeds    | 1                           |

### Technical Specifications

|                       |            |                    |                 |
|-----------------------|------------|--------------------|-----------------|
| Electrical Type       | POLYPHASE  | Starting Method    | Across The Line |
| Poles                 | 4          | Rotation           | Reversible      |
| Mounting              | Rigid Base | Drive End Bearing  | Ball            |
| Opp Drive End Bearing | Ball       | Frame Material     | Cast Iron       |
| Shaft Type            | Keyed      | Overall Length     | 34.57 in        |
| Frame Length          | 18.50 in   | Shaft Diameter     | 1.875 in        |
| Shaft Extension       | 3.75 in    |                    |                 |
| Outline Drawing       | SS620284   | Connection Drawing | A-EE7308AA      |

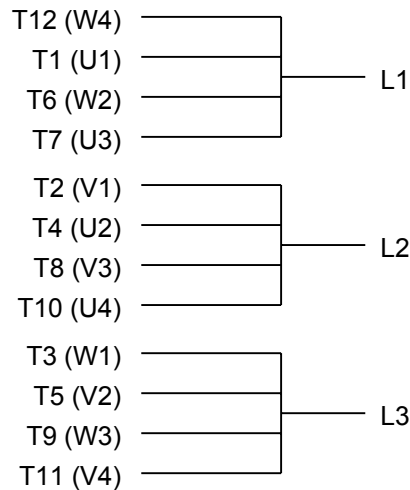
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SS620284

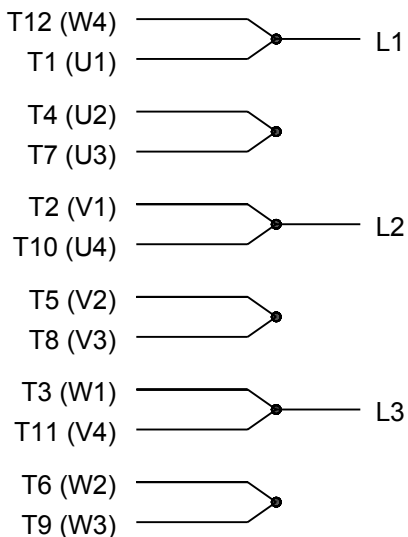


|       |       |       |       |
|-------|-------|-------|-------|
| 364TS | 34.57 | 18.5  | 11.25 |
| 365TS | 36.34 | 20.28 | 12.25 |
| Frame | C     | B     | 2F    |

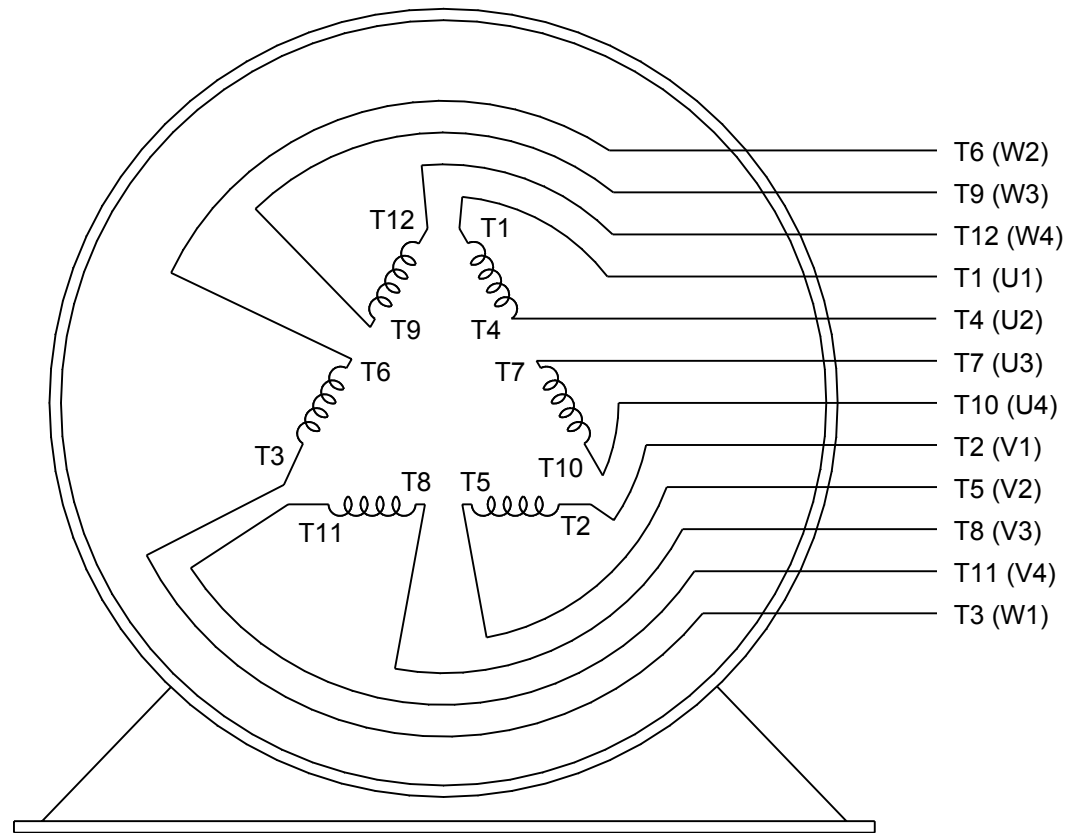
|                                                                                                                                                                                                                                     |          |           | TOLERANCES<br>UNLESS SPECIFIED |          |          |      |             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|--------------------------------|----------|----------|------|-------------|
| NO.                                                                                                                                                                                                                                 | REVISION | BY & DATE | DEC.                           | INCHES   |          |      |             |
|                                                                                                                                                                                                                                     |          |           | .X                             | ±.1      |          |      |             |
|                                                                                                                                                                                                                                     |          |           | .XX                            | ±.03     |          |      |             |
|                                                                                                                                                                                                                                     |          |           | .XXX                           | ±.005    |          |      |             |
|                                                                                                                                                                                                                                     |          |           | .XXXX                          | ±.0005   |          |      |             |
|                                                                                                                                                                                                                                     |          |           | CHK                            | ANG      | ±1/2     |      |             |
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|                                                                                                                                                                                                                                     |          |           | DIST                           |          |          | B    | SS620284    |
|                                                                                                                                                                                                                                     |          |           |                                |          |          |      | REV.        |



## 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     | THIRD ANGLE<br>PROJECTION |
| DATE<br>01-12-1994 |                           |
| APPROVED BY<br>GK  |                           |
| DATE<br>01-14-1994 |                           |
| REFERENCE          |                           |

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