

# PRODUCT INFORMATION PACKET

Model No: 256THTNA18556  
Catalog No: 256THTNA18556  
16,1800,TENV,256TC,3/60/460

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## Nameplate Specifications

|                        |            |                            |                                 |
|------------------------|------------|----------------------------|---------------------------------|
| Output HP              | 16 Hp      | Output KW                  | 11.9 kW                         |
| Frequency              | 60 Hz      | Voltage                    | 460 V                           |
| Current                | 23.0 A     | Speed                      | 1778 rpm                        |
| Service Factor         | 1          | Phase                      | 3                               |
| Efficiency             | 93.6 %     | Power Factor               | 72                              |
| Duty                   | Continuous | Insulation Class           | H                               |
| Design Code            | A          | KVA Code                   | R                               |
| Frame                  | 256TC      | Enclosure                  | Totally Enclosed Non Ventilated |
| Thermal Protection     | Thermostat | Ambient Temperature        | 50 °C                           |
| Drive End Bearing Size | 6309       | Opp Drive End Bearing Size | 6309                            |
| UL                     | Recognized | CSA                        | Y                               |
| CE                     | Y          | IP Code                    | 55                              |
| Number of Speeds       | 1          |                            |                                 |

## Technical Specifications

|                       |                             |                       |               |
|-----------------------|-----------------------------|-----------------------|---------------|
| Electrical Type       | Squirrel Cage Inverter Duty | Starting Method       | Inverter Only |
| Poles                 | 4                           | Rotation              | Reversible    |
| Resistance Main       | .29 Ohms                    | Mounting              | Round         |
| Motor Orientation     | Horizontal                  | Drive End Bearing     | Ball          |
| Opp Drive End Bearing | Ball                        | Frame Material        | Cast Iron     |
| Shaft Type            | T                           | Assembly/Box Mounting | F1/F2 CAPABLE |
| Inverter Load         | CONSTANT 2000:1             |                       |               |
| Outline Drawing       | B-SS208007-1425             | Connection Drawing    | A-EE7300T     |

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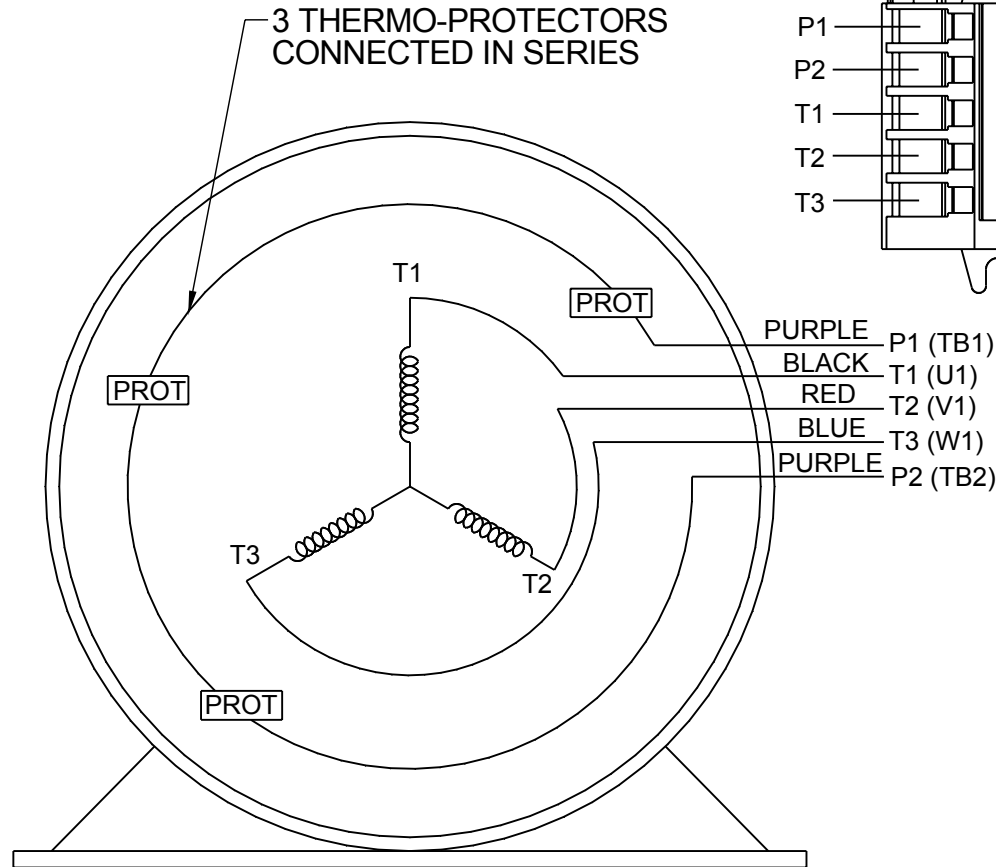
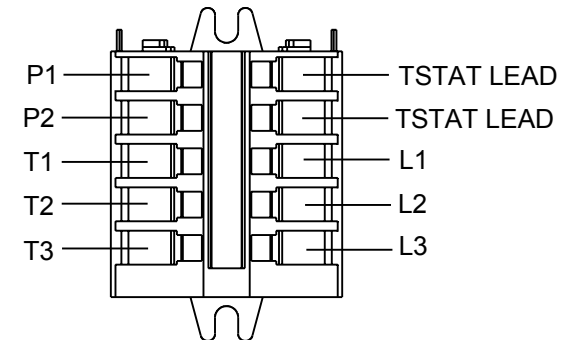


THREE PHASE - SINGLE VOLTAGE  
MOTOR - CONDUIT BOX @ 'A'

TO REVERSE ROTATION:  
INTERCHANGE ANY TWO LINE  
LEAD CONNECTIONS

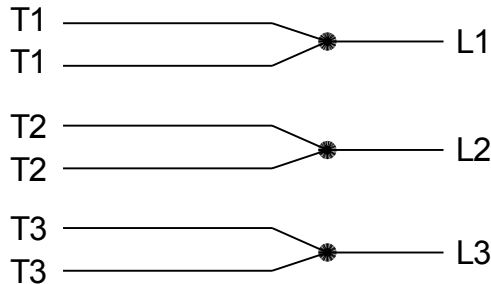
NOTE FOR FACTORY USE ONLY:  
TO SURGE TEST:  
FOR 3 LEAD COMMON CONNECT:  
CONNECT P1 TO T1 THEN P2 TO L1  
FOR 6 LEAD COMMON CONNECT:  
CONNECT P1 TO BOTH T1  
THEN P2 TO L1

TERMINAL BLOCK WHEN SPECIFIED



VIEW OF TERMINAL END

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



A-9806 DECAL

T2BM  
T6AW  
T6AL  
T6Z  
T4EG  
T4BF  
T8A  
T6H  
T6A  
T4AX  
T4A  
T2A  
T2F

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------|
| DRAWING REVISION<br>AB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 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>01-04-1994        |
| APPROVED BY<br>GK | DATE<br>01-20-1994        |
| REFERENCE         | THIRD ANGLE<br>PROJECTION |

|                                                                                                                  |                                  |                 |
|------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|
|  Regal Beloit America, Inc. |                                  |                 |
| DESCRIPTION<br><b>CONN DIAGRAM-EXTERNAL</b><br>3Ø-SINGLE VOLT-MOTOR WITH PROTECTOR                               |                                  |                 |
| MATERIAL                                                                                                         | PROCESS/FINISH                   |                 |
| SIZE<br><b>A</b>                                                                                                 | DRAWING NUMBER<br><b>EE7300T</b> | SHEET<br>1 OF 1 |