

PRODUCT INFORMATION PACKET

Model No: 284THTPA18110
Catalog No: 284THTPA18110
10,900,TENV,284T,3/60/460

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Nameplate Specifications

| | | | |
|------------------------|------------|----------------------------|---------------------------------|
| Output HP | 10 Hp | Output KW | 7.5 kW |
| Frequency | 60 Hz | Voltage | 460 V |
| Current | 15.5 A | Speed | 865 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 84 % | Power Factor | 72 |
| Duty | 60 Minute | Insulation Class | H |
| Design Code | INV | KVA Code | F |
| Frame | 284T | Enclosure | Totally Enclosed Non Ventilated |
| Thermal Protection | Thermostat | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 311 | Opp Drive End Bearing Size | 309 |
| UL | Recognized | CSA | Y |
| CE | Y | IP Code | 43 |
| Number of Speeds | 1 | | |

Technical Specifications

| | | | |
|-----------------------|-----------------------------|-----------------------|---------------|
| Electrical Type | Squirrel Cage Inverter Duty | Starting Method | Inverter Only |
| Poles | 8 | Rotation | Reversible |
| Resistance Main | 1.38 Ohms | Mounting | Rigid Base |
| 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-SS311151-1275 | Connection Drawing | A-EE7300T |

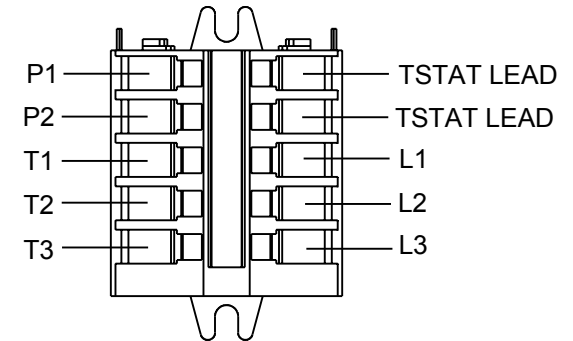
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THREE PHASE - SINGLE VOLTAGE
MOTOR - CONDUIT BOX @ 'A'

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

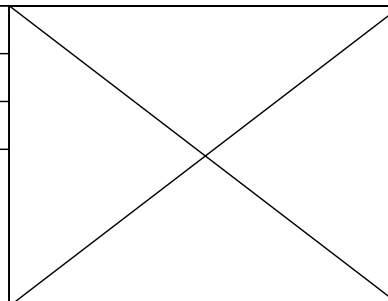
IF MOTOR HAS MULTIPLE
T'S PER LEAD CONNECT
TOGETHER LIKE T'S




A-9806 DECAL

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

| | | |
|---|----------------------|--------------------|
| DRAWING REVISION AB | REVISION BY AJW | DATE 07-17-2015 |
| ECO ECO-0081632 | APPROVED BY T.VUE | DATE 07-17-2015 |
| ECO DESCRIPTION REV'D IEC MARKINGS PER IEC-60034-8 | | |
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| DRAWN BY LZ |  Regal Beloit America, Inc. | |
| DATE 01-04-1994 | | |
| APPROVED BY GK | DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-SINGLE VOLT-MOTOR WITH PROTECTOR | |
| DATE 01-20-1994 | | |
| REFERENCE | MATERIAL | PROCESS/FINISH |
| THIRD ANGLE PROJECTION | SIZE A | DRAWING NUMBER EE7300T |
| | | SHEET 1 OF 1 |