

PRODUCT INFORMATION PACKET



Model No: 444THFN19055AA

Catalog No: 811587.00

..125HP..1800RPM.444T.TEFC.460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.....IEEE-841.....
IEEE 841



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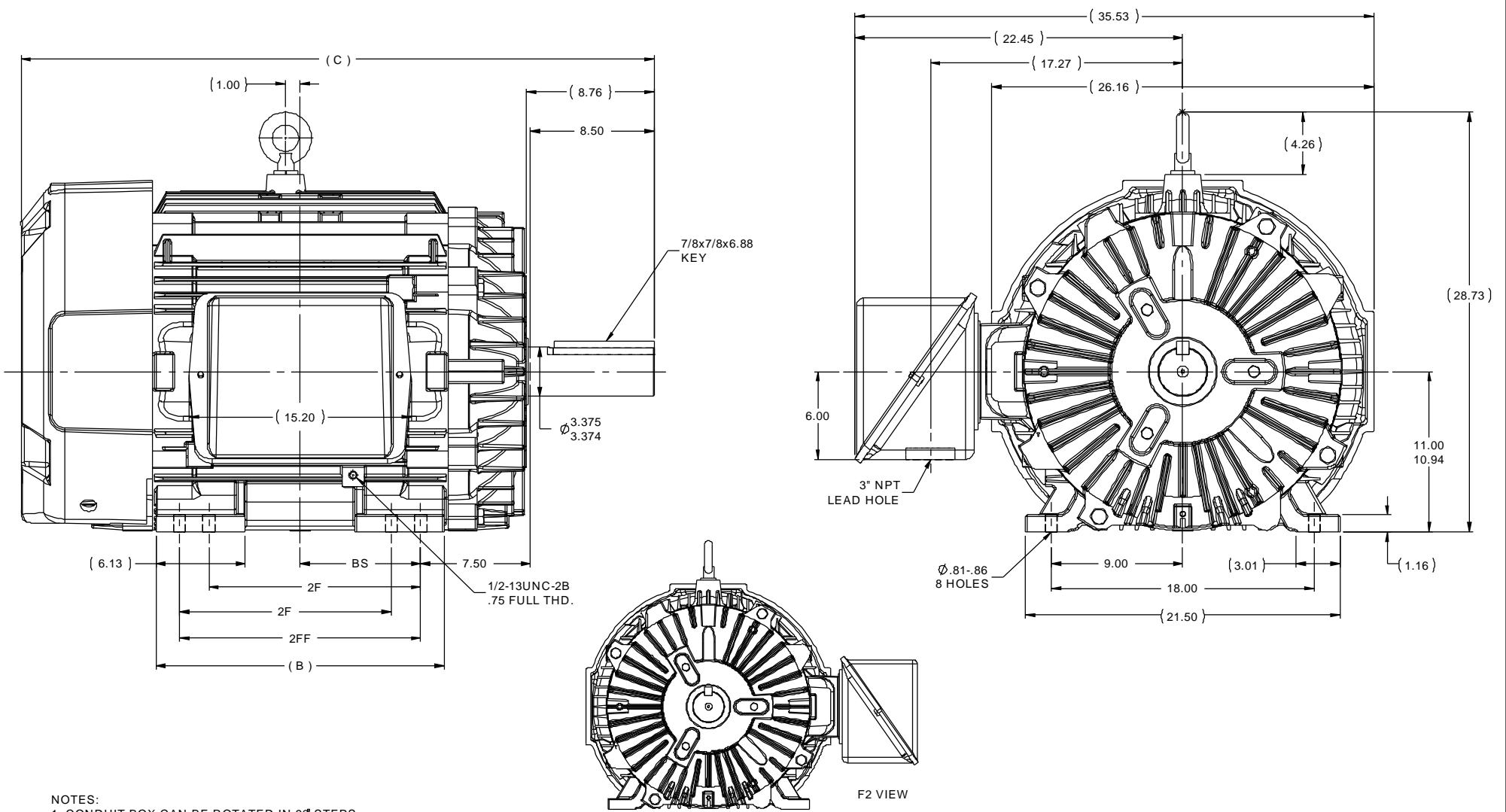
Nameplate Specifications

| | | | |
|----------------------------|------------------------------------|------------------------|-------------------|
| Output HP | 125 Hp | Output KW | 93.0 kW |
| Frequency | 60 Hz | Voltage | 460 V |
| Current | 146.0 A | Speed | 1785 rpm |
| Service Factor | 1.15 | Phase | 3 |
| Efficiency | 95.4 % | Duty | Continuous |
| Insulation Class | F | Design Code | B |
| KVA Code | G | Frame | 444T |
| Enclosure | Totally Enclosed Fan Cooled | Overload Protector | No |
| Ambient Temperature | 40 °C | Drive End Bearing Size | 6318 |
| Opp Drive End Bearing Size | 6316 | UL | Recognized |
| CSA | Y | CE | Y |
| IP Code | 56 | | |

Technical Specifications

| | | | |
|-----------------------|-------------------------------------|-----------------------|-------------------------|
| Electrical Type | Squirrel Cage Inverter Rated | Starting Method | Line Or Inverter |
| Poles | 4 | Rotation | Reversible |
| Mounting | Rigid base | Motor Orientation | HORIZONTAL |
| Drive End Bearing | BALL | Opp Drive End Bearing | BALL |
| Frame Material | Cast Iron | Shaft Type | T |
| Overall Length | 43.35 in | Frame Length | 20.25 in |
| Shaft Diameter | 3.375 in | Shaft Extension | 8.5 in |
| Assembly/Box Mounting | F1/F2 CAPABLE | | |
| Outline Drawing | B-SS517026LE-2025 | Connection Diagram | A-EE7300U-LE |

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- NOTES:
 1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°
 3. NAMPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

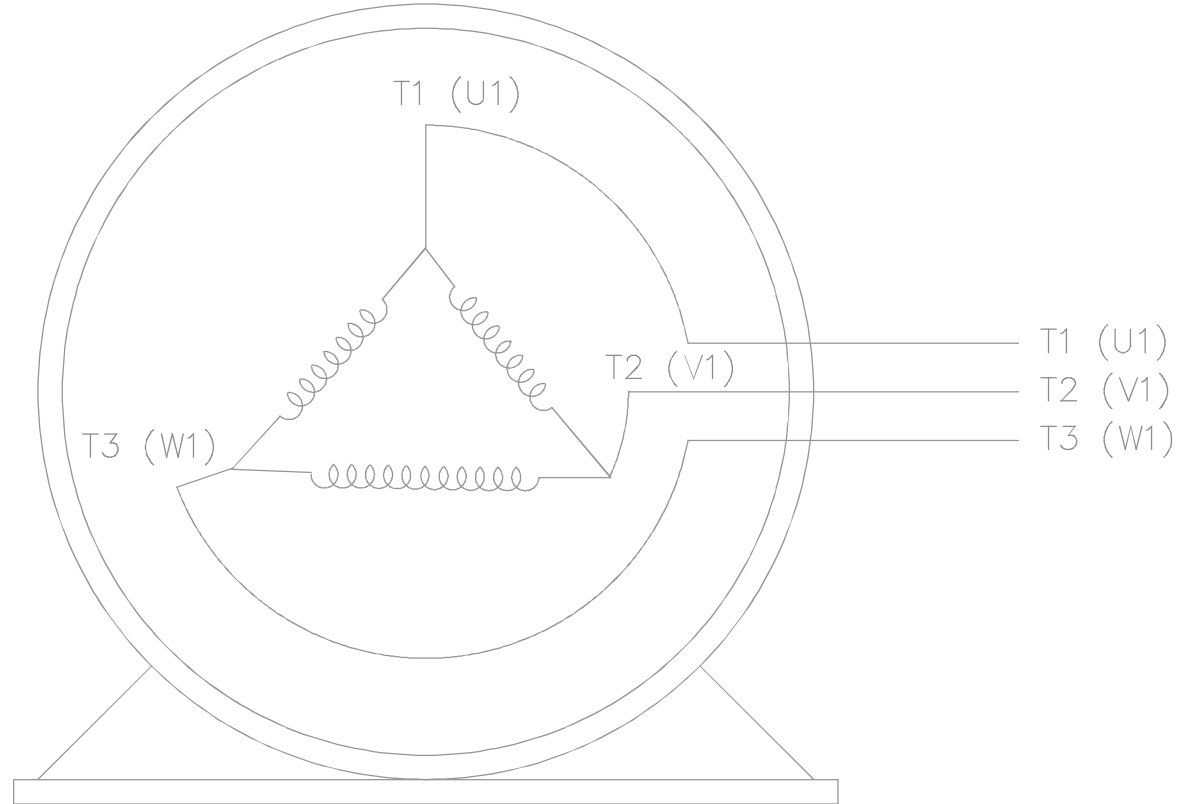
| DASH | FRAME | B | C | BS | 2F | 2FF |
|------|----------|-------|-------|------|-------|-------|
| 2025 | 444/445T | 19.75 | 43.35 | 8.25 | 14.50 | 16.50 |

| REVISION | | BY & DATE | CHK | LANG | ANG | ± | FINISH | PAGE | OF |
|----------|------------------------------|----------------|-----|------|--------|-------------------|---------------------------|------|----|
| 1 | UPDATED OUTLINE PER MU112461 | JJB 03-19-2013 | MH | XXXX | ±.0005 | MATL | 444/445T FR. - TEFC - STD | | |
| | | | | | ±7°30' | FINISH | | | |
| | | | | | | PREV | | | |
| | | | | | | NETWORK FILE NAME | SS517026LE | | |

LEESON ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

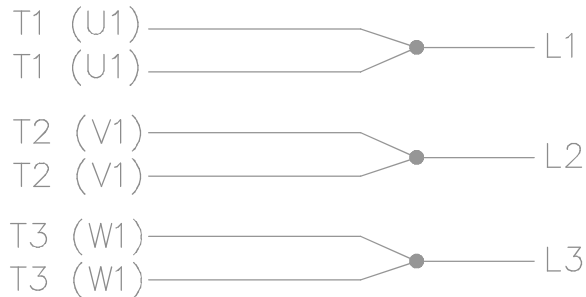
DRAWN MSG 02-18-2013
 CHK TB 02-18-2013
 APPR MSG 02-18-2013






VIEW OF TERMINAL END

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



| | | | | TOLERANCES UNLESS SPECIFIED | |  ELECTRIC MOTORS GEARMOTORS AND DRIVES | DRAWN KL 03-24-2003 | | | |
|--|-------------|---------|---------------|--------------------------------|--------|---|---------------------|-------------|---------|------|
| | | | | DEC. | INCHES | | CHK GFH 03-24-2003 | | | |
| | | | | .X | ± - | TITLE CONNECTION DIAGRAM 3Ø SINGLE VOLTAGE | APPD JES 03-24-2003 | | | |
| | | | | .XX | ± - | | SCALE 1=1 | | | |
| | | | | .XXX | ± - | | REF | | | |
| | | | | .XXXX | ± - | | FMF | | | |
| 1 | NEW DRAWING | MU45909 | KL 03-24-2003 | CHK | ANG | FINISH | PREV | | | |
| THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT | | | | RFP | | CAD FILE EE7300U-LE | SIZE | DRAWING NO. | PAGE OF | REV. |
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