

PRODUCT INFORMATION PACKET



Model No: 324TTGP11049
Catalog No: 324TTGP11049
40,1800,EPFC,324T,3/60/575

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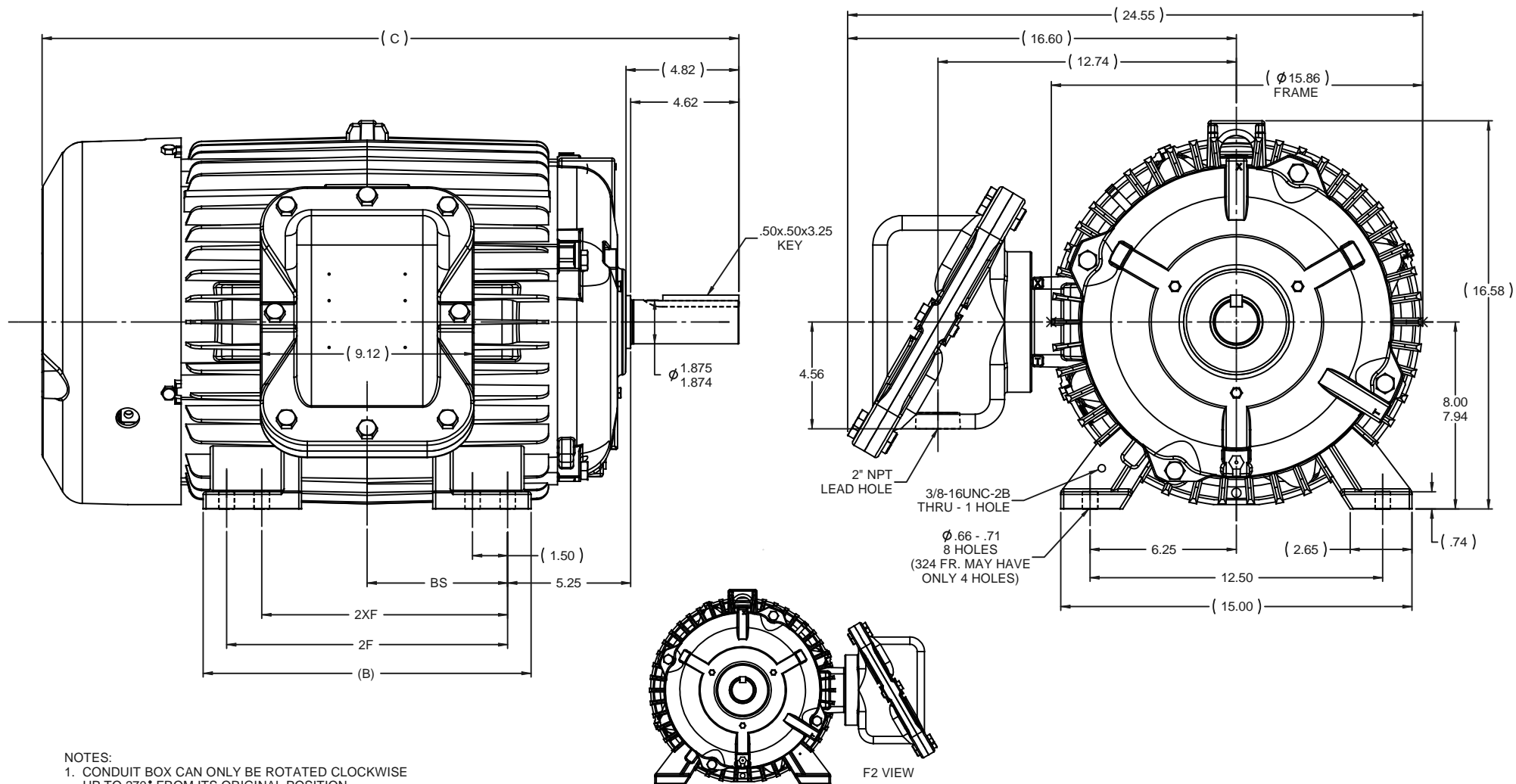
Nameplate Specifications

| | | | |
|------------------------|---------------|----------------------------|----------------------------|
| Phase | 3 | Output HP | 40 Hp |
| Output KW | 30.0 kW | Voltage | 575 V |
| Speed | 1765 rpm | Service Factor | 1.15 |
| Frame | 324TZ | Enclosure | Explosion Proof Fan cooled |
| Thermal Protection | No Protection | Efficiency | 93 % |
| Ambient Temperature | 40 °C | Frequency | 60 Hz |
| Current | 40.0 A | Power Factor | 80.5 |
| Duty | Continuous | Insulation Class | F |
| Design Code | B | KVA Code | G |
| Drive End Bearing Size | 6312 | Opp Drive End Bearing Size | 6311 |
| UL | No | CSA | N |
| CE | N | IP Code | 54 |
| Number of Speeds | 1 | Hazardous Location | EXP PROOF CL I GR D T2A |

Technical Specifications

| | | | |
|-----------------------|-----------------------------|-----------------------|-----------------|
| Electrical Type | Squirrel Cage Induction Run | Starting Method | Across The Line |
| Poles | 4 | Rotation | Reversible |
| Resistance Main | .17 Ohms | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Cast Iron |
| Shaft Type | Single Special Extension | Assembly/Box Mounting | F1 ONLY |
| Outline Drawing | B-SS312173-1475 | Connection Drawing | A-EE7300 |

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- NOTES:
1. CONDUIT BOX CAN ONLY BE ROTATED CLOCKWISE UP TO 270° FROM ITS ORIGINAL POSITION.
 2. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

| | | | | | | | TOLERANCES UNLESS SPECIFIED | | | DRAWN MSG 04-23-2009 | |
|----|----------|-----------|----------------------------|------------|-------|--------|-----------------------------------|------------|------|----------------------|-----------|
| | | | | | | | DEC | INCHES | | CHK BW 04-24-2009 | SCALE 1:4 |
| | | | | | | | X | ±.1 | | APPR MJS 04-24-2009 | |
| | | | | | | | XX | ±.03 | | REF | |
| | | | | | | | XXX | ±.005 | | REF | |
| | | | | | | | XXXX | ±.0005 | MATL | FMF MU90853 | PAGE OF |
| NO | REVISION | BY & DATE | CHK | ANG | ±1/2" | FINISH | TITLE OUTLINE - EXP. PROOF - TGP | | | | REV |
| | | | RFP | 04-24-2009 | PREV | | 320TZ FR. - BB - STD - 12.50 LAM. | | | | |
| | | | NETWORK FILE NAME ss312173 | | | | SIZE | DRAWING NO | REV | | |
| | | | | | | | B | SS312173 | | | |

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

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

TERMINAL BLOCK WHEN SPECIFIED

IF MOTOR HAS 9 LEADS

T1(U1) T1(U1) T1(U1) → L1

T2(V1) T2(V1) T2(V1) → L2

T3(W1) T3(W1) T3(W1) → L3

IF MOTOR HAS 6 LEADS

T1(U1) T1(U1) → L1

T2(V1) T2(V1) → L2

T3(W1) T3(W1) → L3

A-9806 DECAL



| OPTIONAL CORD CONNECTION | |
|--------------------------|-------|
| L1 | WHITE |
| L2 | RED |
| L3 | BLACK |

| | | |
|--|-------------------|-------------------------------|
| DRAWING REVISION AC | REVISION BY BS | REV DATE/© DATE 26/07/2022 |
| REQUEST NUMBER CR-0010402 | APPROVED BY SN | DATE 26/07/2022 |
| REQUEST NUMBER DESCRIPTION DRAWING UPDATED | | |
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| |
|------------------------|
| DRAWN BY DA |
| DATE 03-26-1993 |
| APPROVED BY TB |
| DATE 03-26-1993 |
| REFERENCE |
| THIRD ANGLE PROJECTION |

| | |
|--|--------------------------|
| Regal Beloit America, Inc. | |
| DESCRIPTION CONNECTION DIAGRAM EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR | |
| MATERIAL | PROCESS/FINISH |
| SIZE A | DRAWING NUMBER EE7300 |
| SHEET 1 OF 1 | |