

PRODUCT INFORMATION PACKET



Model No: 256THFNA17078
Catalog No: 256THFNA17078
10,1200,TEFC,256T,3/60/460

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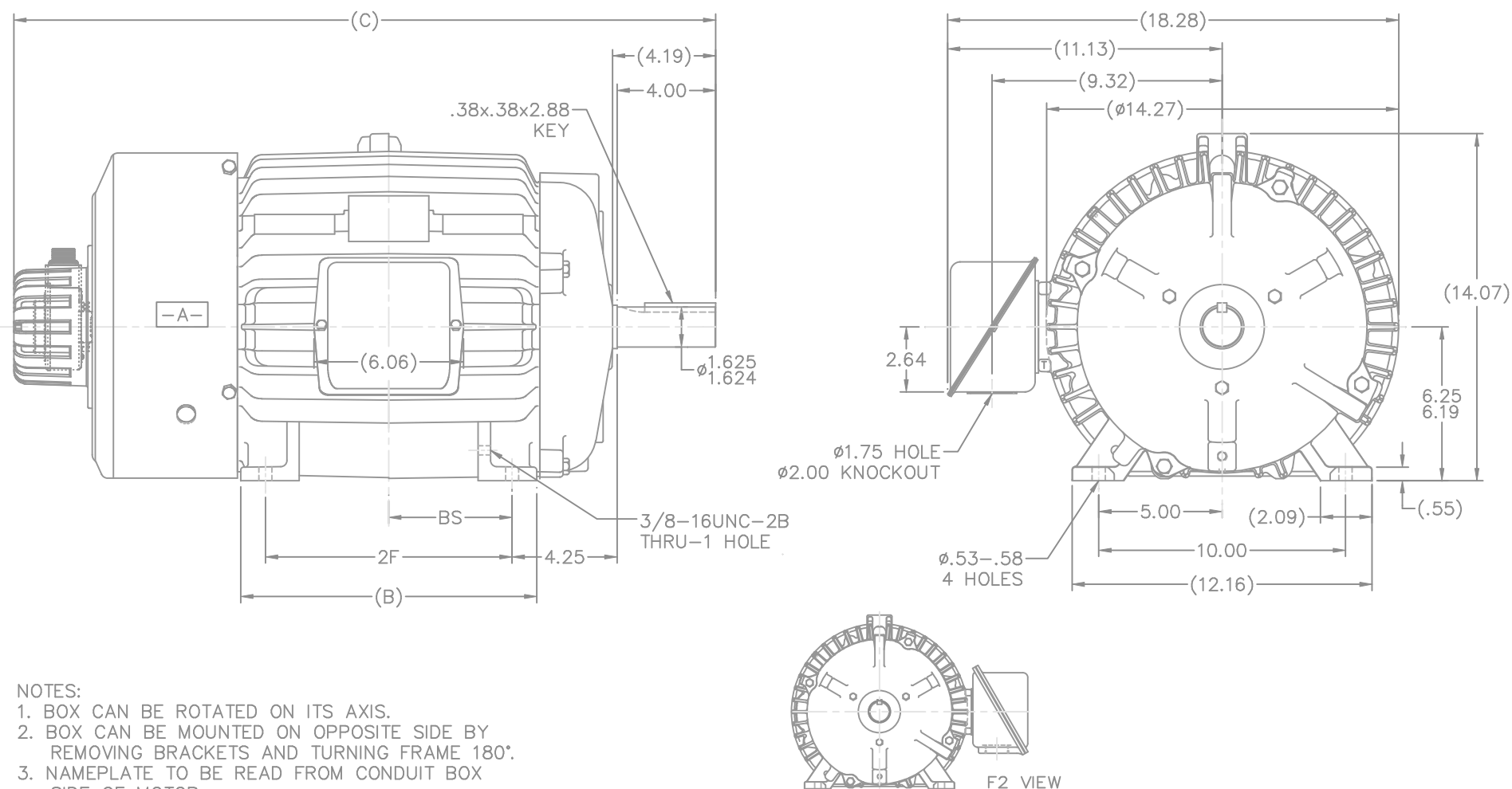
Nameplate Specifications

| | | | |
|------------------------|---------------|----------------------------|-----------------------------|
| Phase | 3 | Output HP | 10 Hp |
| Output KW | 7.5 kW | Voltage | 460 V |
| Speed | 1175 rpm | Service Factor | 1 |
| Frame | 256T | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Efficiency | 89.5 % |
| Ambient Temperature | 40 °C | Frequency | 60 Hz |
| Current | 13.5 A | Power Factor | 79 |
| Duty | Continuous | Insulation Class | F |
| Design Code | A | KVA Code | H |
| Drive End Bearing Size | 6309 | Opp Drive End Bearing Size | 6210 |
| 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 | 6 | Rotation | Reversible |
| Resistance Main | 1 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 |
| Outline Drawing | B-SS203659-1225 | Connection Drawing | A-EE7300 |

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| DASH | FRAME | B | C | 2F | BS |
|------|-------|-------|-------|-------|------|
| 1050 | 254T | 10.25 | 26.70 | 8.25 | 4.12 |
| 1225 | 256T | 12.00 | 28.45 | 10.00 | 5.00 |

| | | TOLERANCES UNLESS SPECIFIED | | MARATHON ELECTRIC | | DRAWN DAH 05-22-2001 | |
|-----|---------------------|--------------------------------|--------|-----------------------------|--|----------------------|--------------------------|
| | | DEC. | INCHES | | | CHK | ML 05-23-2001 |
| | | .X | ±.1 | | | APPD | BW 05-23-2001 |
| | | .XX | ±.03 | TITLE OUTLINE - TEFC - TFNA | | SCALE | 1=4 |
| | | .XXX | ±.005 | 250T FR. -BB - | | REF | |
| | | .XXXX | ±.0005 | MAT'L | | FMF | |
| 1 | NEW DRAWING MU37426 | DAH 05-23-2001 | | FINISH | | PREV | |
| NO. | | REVISION | | BY & DATE | | | |
| | | RFP 05-23-2001 | | CAD FILE ss203659 | | SIZE | DRAWING NO. PAGE OF REV. |
| | | DIST | | | | B | SS203659 1 |

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 | |