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# Severe Duty Motors

**Model No:** 364TTFCD6635
**Catalog No:** E1240

Severe Duty Motor, 60 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 364T Frame, TEFC

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## Product Information Packet: Model No: 364TTFCD6635, Catalog No: E1240 Severe Duty Motor, 60 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 364T Frame, TEFC

### Nameplate Specifications

| | | | |
|---|---|---|---|
| Phase | **3** | Output HP | **60 Hp** |
| Output KW | **45.0 kW** | Voltage | **460 V** |
| Speed | **1780 r/min** | Synchronous RPM | **1800 r/min** |
| Service Factor | **1.15** | Frame | **364T** |
| Enclosure | **Totally Enclosed Fan Cooled** | Thermal Protection | **No Protection** |
| Efficiency | **95 %** | Ambient Temperature | **40 °C** |
| Frequency | **60 Hz** | Current | **68.0 A** |
| Power Factor | **87.2** | Duty | **Continuous** |
| Insulation Class | **H** | Design Code | **B** |
| KVA Code | **G** | Drive End Bearing Size | **NU313** |
| Opp Drive End Bearing Size | **6213** | UL | **Listed** |
| CSA | **Y** | CE | **Y** |
| IP Code | **55** | Number of Speeds | **1** |
| Hazardous Location | **DIVISION 2 T2B** | | |

### Technical Specifications

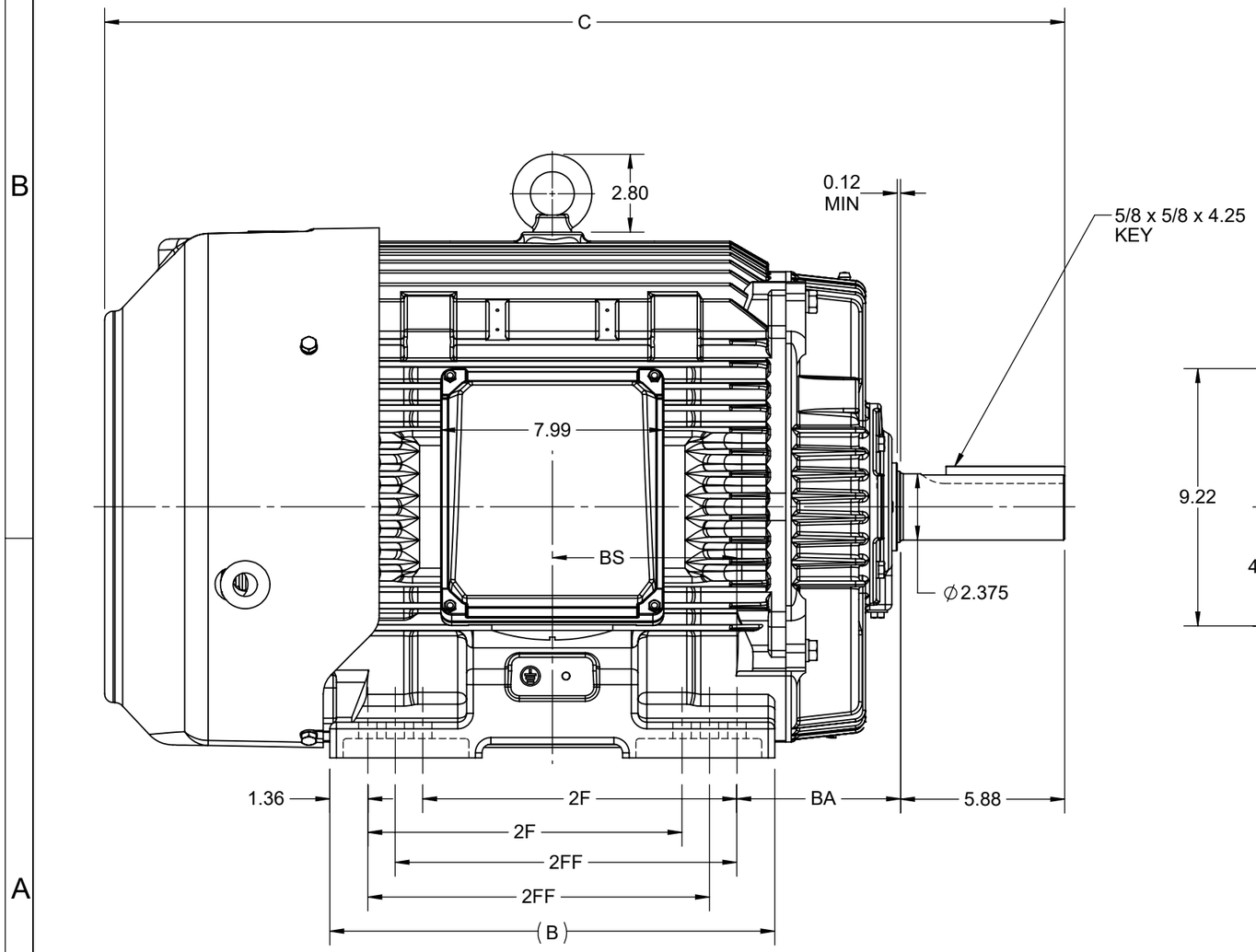
| | | | |
|---|---|---|---|
| Electrical Type | **Squirrel Cage Inverter Rated** | Starting Method | **Line Or Inverter** |
| Poles | **4** | Rotation | **Reversible** |
| Resistance Main | **.104 O** | Mounting | **Rigid Base** |
| Motor Orientation | **Horizontal** | Drive End Bearing | **Roller** |
| Opp Drive End Bearing | **Ball** | Frame Material | **Cast Iron** |
| Shaft Type | **T** | Assembly/Box Mounting | **F1/F2 Capable** |
| Inverter Load | **Constant 2:1/Variable 10:1** | | |

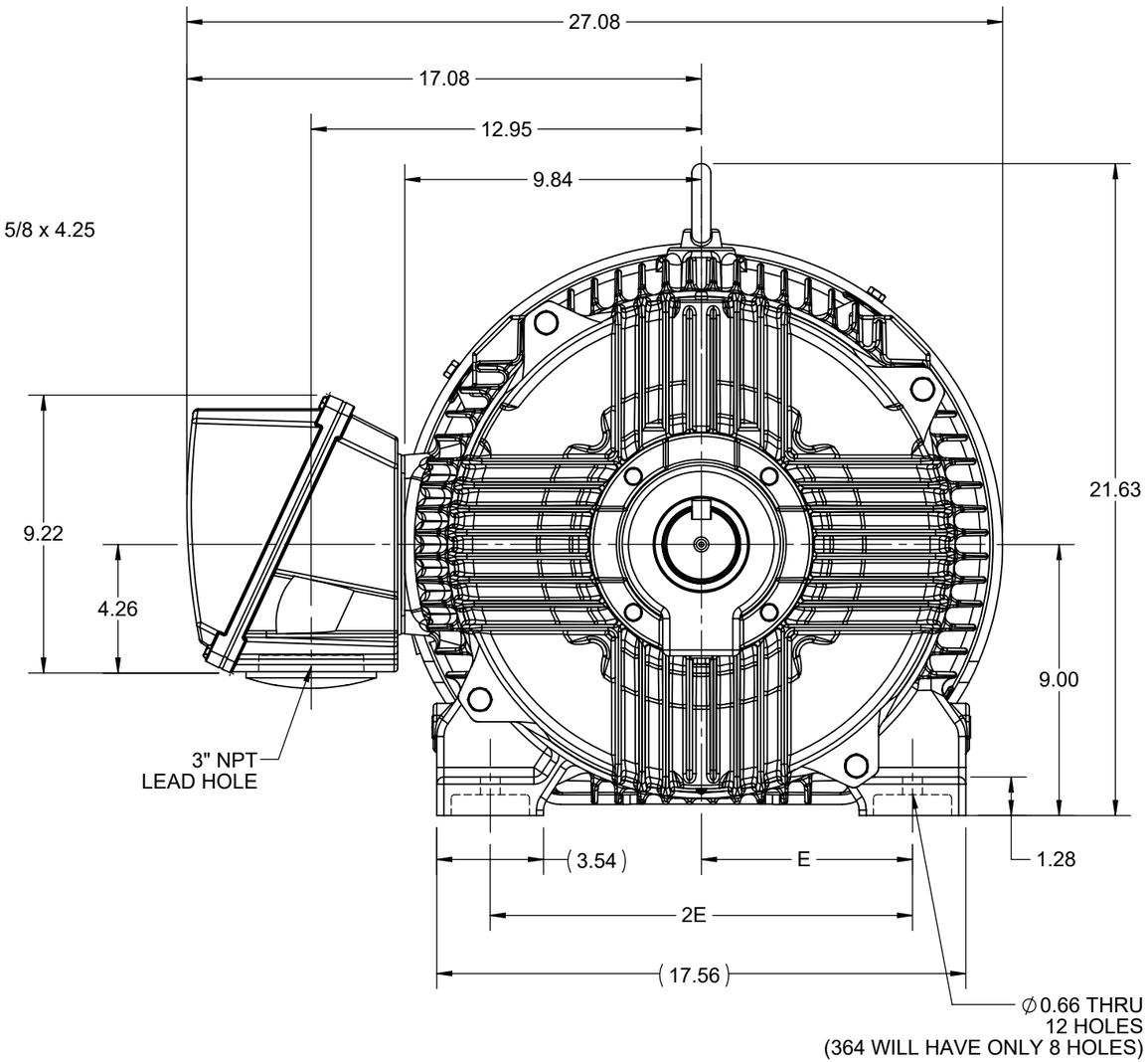
### Drawings

| | | | |
|---|---|---|---|
| Connection Drawing | **EE7300U** | Outline Drawing | **SS557662-100** |

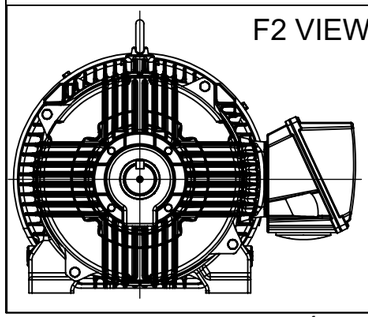
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| DASH NO. | B | C | E | 2E | 2F | 2FF | BA | BS | MOUNTING | FRAME |
|---|---|---|---|---|---|---|---|---|---|---|
| 100 | 14.96 | 33.40 | 7.00 | 14.00 | - | 11.25 | 5.88 | 6.12 | F1 OR F2 | 364T |
| 200 | 15.94 | 34.40 | | | 11.25 | 12.25 | | 6.62 | | 364/365T |




F2 VIEW



| DRAWING REVISION | REVISION BY | REV DATE/© DATE |
|---|---|---|
| D | SB | 07/24/2025 |
| REQUEST NUMBER | APPROVED BY | DATE |
| CR-0023556 | SBD | 07/24/2025 |

REQUEST NUMBER DESCRIPTION
DRAWING TITLE BLOCK UPDATED

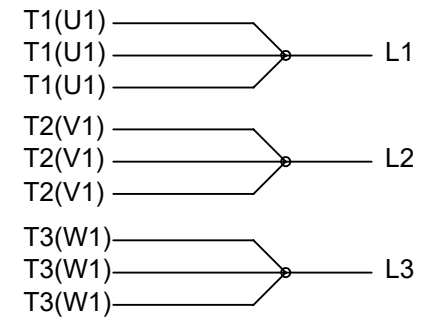
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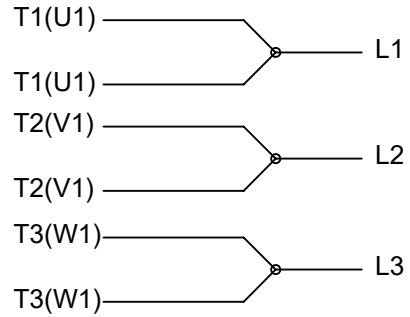
| DRAWN BY | DESCRIPTION |
|---|---|
| BISWA | OUTLINE |
| DATE | 364/365T FR-NEMA-SD & IEEE841 |
| 01/10/2018 | |
| APPROVED BY | |
| SBD | |
| DATE | |
| 01/10/2018 | |
| REFERENCE | MATERIAL / PROCESS/FINISH |
| THIRD ANGLE PROJECTION | SIZE B / DRAWING NUMBER SS557662 / SHEET 1 OF 1 |

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IF MOTOR HAS 9 LEADS

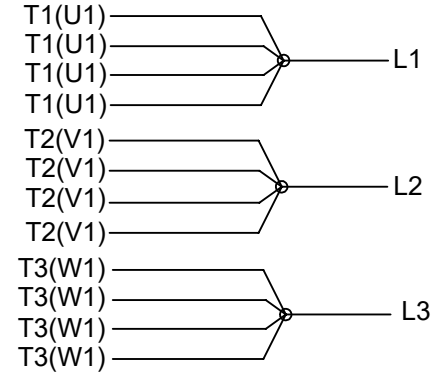


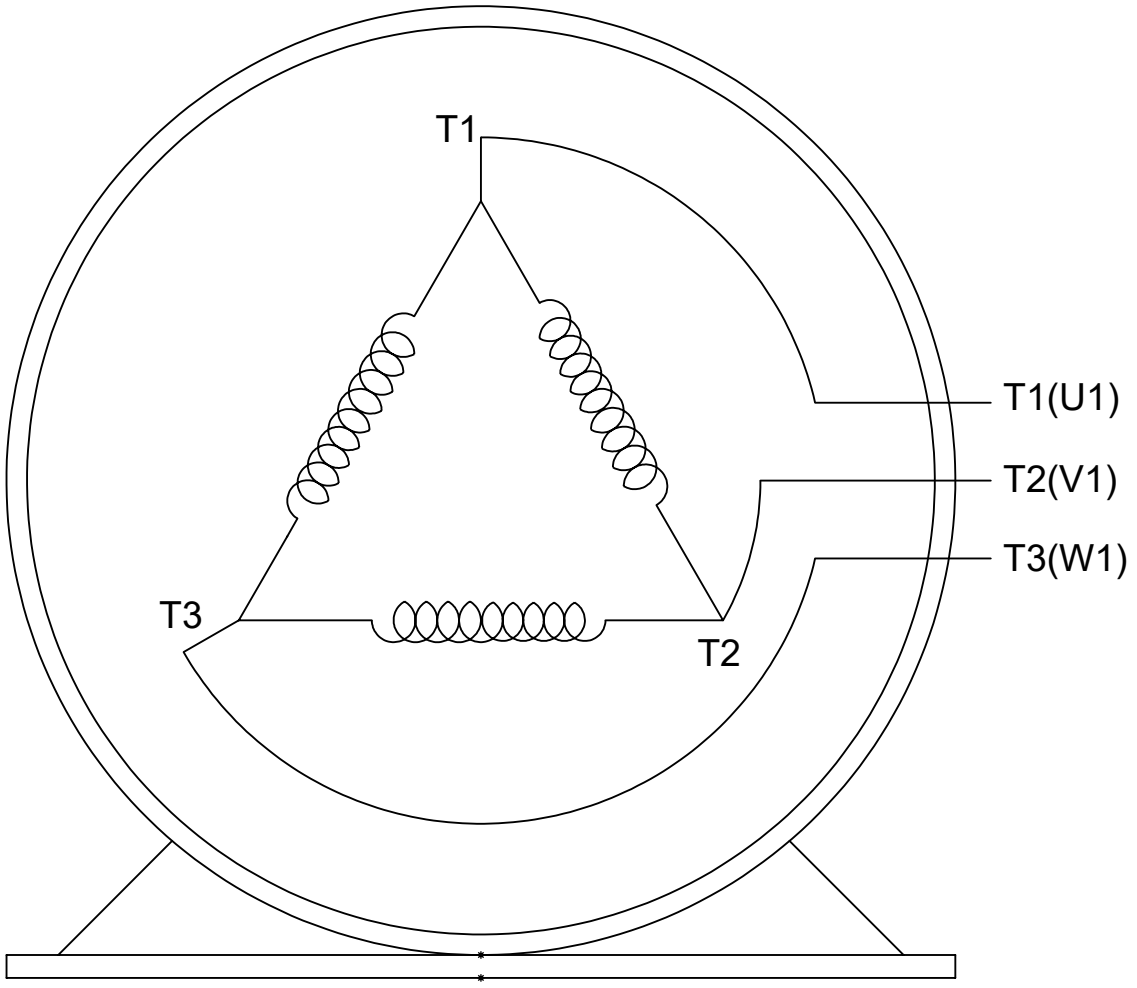

IF MOTOR HAS 6 LEADS




A-9806 DECAL IF CALLED FOR

IF MOTOR HAS 12 LEADS




VIEW OF TERMINAL END

| DRAWING REVISION | REVISION BY | REV DATE/© DATE |
|---|---|---|
| M | SB | 08/01/2025 |
| REQUEST NUMBER | APPROVED BY | DATE |
| CR-0023654 | SBD | 08/01/2025 |

REQUEST NUMBER DESCRIPTION
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|---|---|
| DRAWN BY | DRS |
| DATE | 09-27-1996 |
| APPROVED BY | GK |
| DATE | 09-30-1996 |
| REFERENCE | |
| THIRD ANGLE PROJECTION | |

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DESCRIPTION
CONN DIAGRAM-EXTERNAL
3Ø SINGLE VOLTAGE

| MATERIAL | PROCESS/FINISH |
|---|---|
| | |

| SIZE | DRAWING NUMBER | SHEET |
|---|---|---|
| A | EE7300U | 1 OF 1 |