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# General Purpose Motors

**Model No:** 256TTFCD6089
**Catalog No:** GT1820

General Purpose Motor, 10 HP, 3 Ph, 60 Hz, 200 V, 1200 RPM, 256T Frame, TEFC

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# Product Information Packet: Model No: 256TTFCD6089, Catalog No: GT1820 General Purpose Motor, 10 HP, 3 Ph, 60 Hz, 200 V, 1200 RPM, 256T Frame, TEFC

## Nameplate Specifications

| | | | |
|---|---|---|---|
| Phase | **3** | Output HP | **10 Hp** |
| Output KW | **7.5 kW** | Voltage | **200 V** |
| Speed | **1180 r/min** | Synchronous RPM | **1200 r/min** |
| Service Factor | **1.15** | Frame | **256T** |
| Enclosure | **Totally Enclosed Fan Cooled** | Thermal Protection | **No Protection** |
| Efficiency | **91 %** | Ambient Temperature | **40 °C** |
| Frequency | **60 Hz** | Current | **29.7 A** |
| Power Factor | **80.5** | Duty | **Continuous** |
| Insulation Class | **F** | Design Code | **B** |
| KVA Code | **G** | Drive End Bearing Size | **6309** |
| Opp Drive End Bearing Size | **6209** | UL | **Listed** |
| CSA | **Y** | CE | **Y** |
| IP Code | **55** | Number of Speeds | **1** |
| Hazardous Location | **DIVISION 2 T2B** | | |

## Technical Specifications

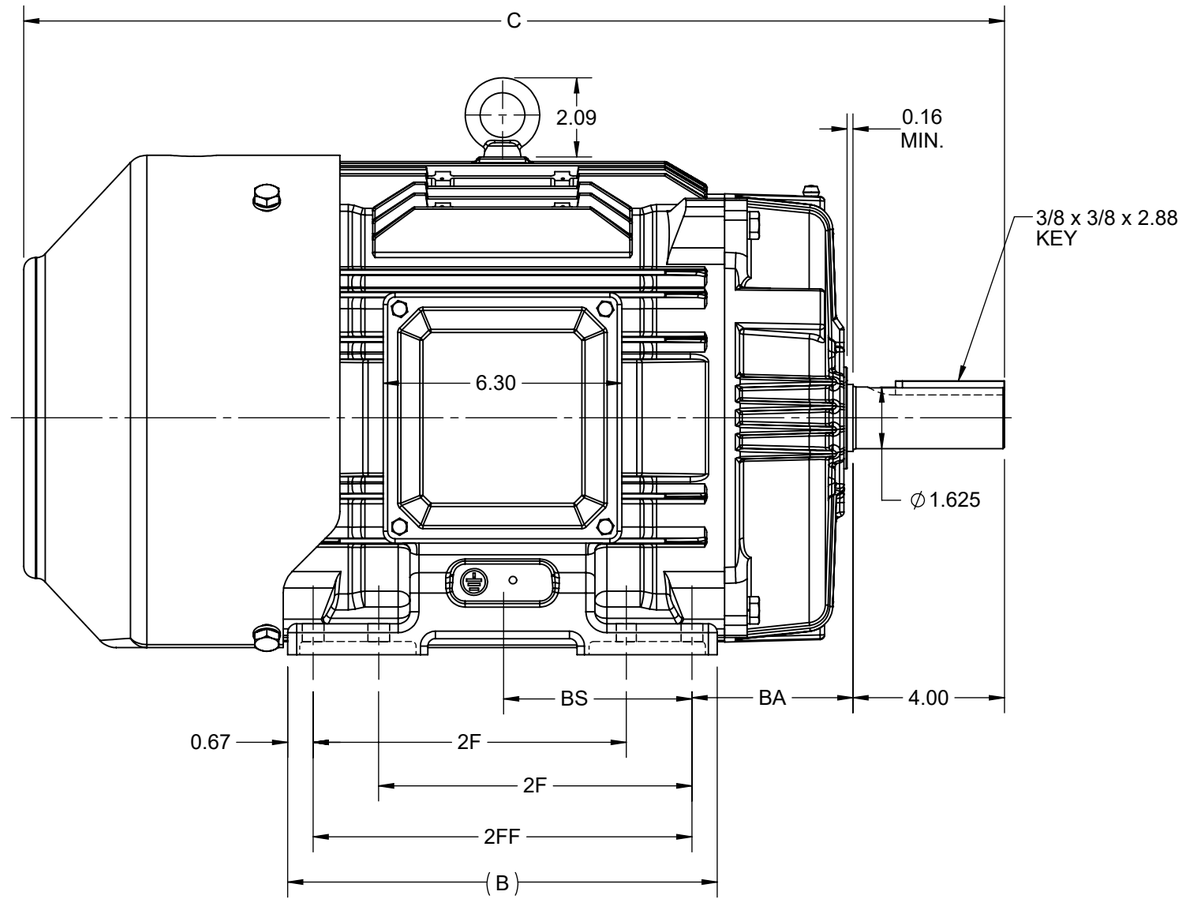
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|---|---|---|---|
| Electrical Type | **Squirrel Cage Inverter Rated** | Starting Method | **Line Or Inverter** |
| Poles | **6** | Rotation | **Reversible** |
| Resistance Main | **1.21 O** | Mounting | **Rigid Base** |
| Motor Orientation | **Horizontal** | 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 10:1/Variable 10:1** | | |

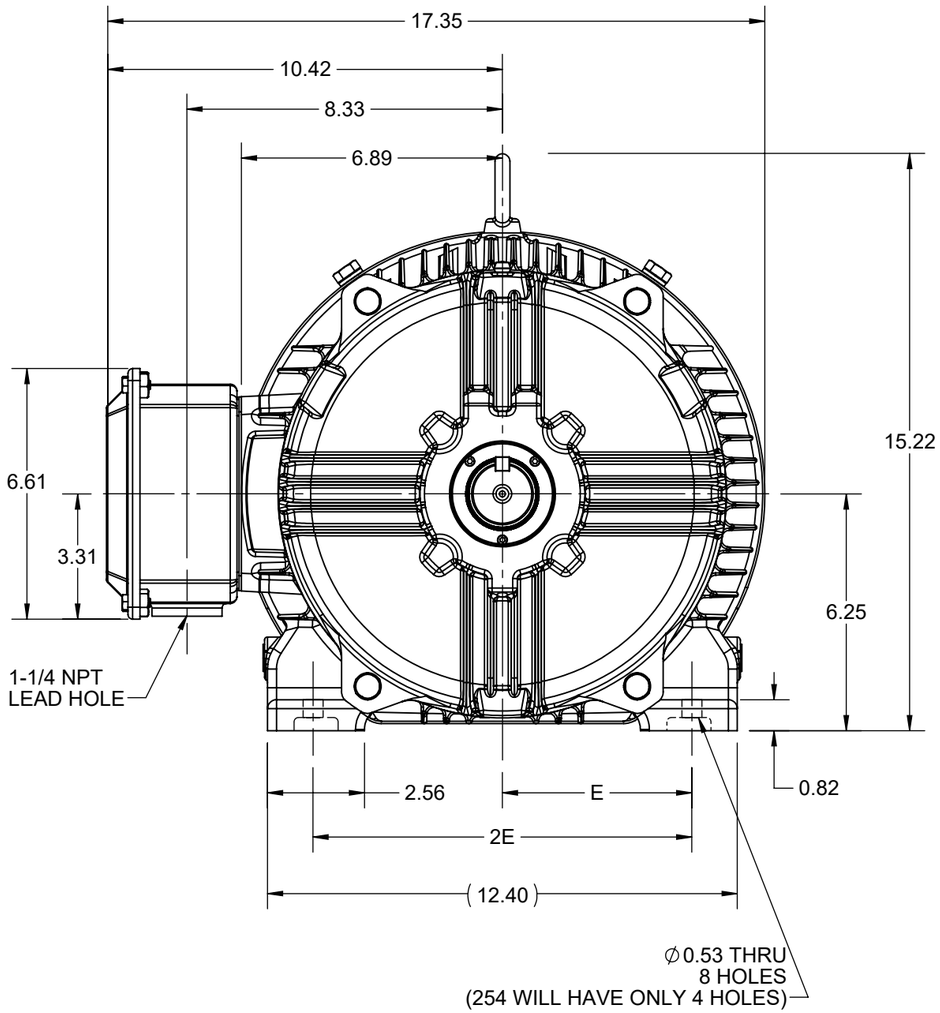
## Drawings

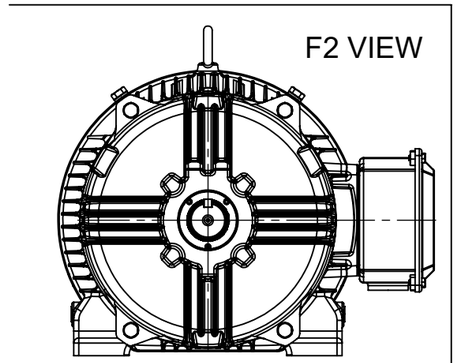
| | | | |
|---|---|---|---|
| Connection Drawing | **EE7300** | Outline Drawing | **SS620703-200** |

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| DASH NO. | B | C | E | 2E | 2F | 2FF | BA | BS | MOUNTING | FRAME |
|---|---|---|---|---|---|---|---|---|---|---|
| 100 | 9.60 | 24.15 | 5.00 | 10.00 | - | 8.25 | 4.25 | 4.13 | F1 OR F2 | 254T |
| 200 | 11.34 | 25.89 | | | 8.25 | 10.00 | | 5.00 | | 254/256T |




| DRAWING REVISION | REVISION BY | REV DATE/© DATE |
|---|---|---|
| E | SB | 07/22/2025 |
| REQUEST NUMBER | APPROVED BY | DATE |
| CR-0023556 | SBD | 07/22/2025 |

REQUEST NUMBER DESCRIPTION
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|---|---|
| DRAWN BY | MR |
| DATE | 4/5/2015 |
| APPROVED BY | KRK |
| DATE | 4/5/2015 |
| REFERENCE | |
| THIRD ANGLE PROJECTION | |

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DESCRIPTION
OUTLINE
254/256T FR-TEFC-CAST IRON

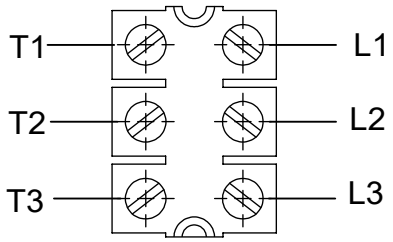
MATERIAL | PROCESS/FINISH

| SIZE | DRAWING NUMBER | SHEET |
|---|---|---|
| B | SS620703 | 1 OF 1 |

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

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

TERMINAL BLOCK WHEN SPECIFIED

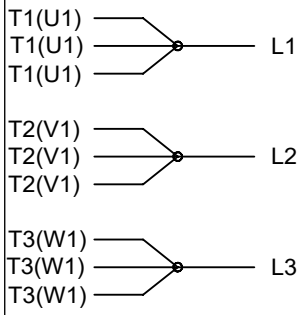




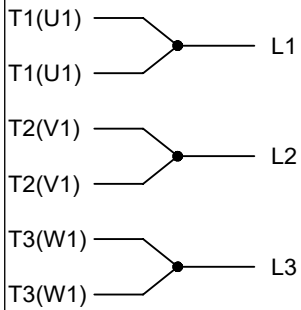


VIEW OF TERMINAL END

IF MOTOR HAS
9 LEADS




IF MOTOR HAS
6 LEADS




A-9806 DECAL

OPTIONAL CORD
CONNECTION

| | |
|---|---|
| L1 | WHITE |
| L2 | RED |
| L3 | BLACK |

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

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| | |
|---|---|
| DRAWN BY: DA | |
| DATE: 03-26-1993 | |
| APPROVED BY: TB | |
| DATE: 03-26-1993 | |
| REFERENCE | |
| THIRD ANGLE PROJECTION | |

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DESCRIPTION
CONNECTION DIAGRAM
EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR

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

| SIZE | DRAWING NUMBER | SHEET |
|---|---|---|
| A | EE7300 | 1 OF 1 |