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# General Purpose Motors

**Model No:** 404TSTDCD6028
**Catalog No:** GT0293

General Purpose Motor, 100 & 75 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 404TSC Frame, DP

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## Product Information Packet: Model No: 404TSTDCD6028, Catalog No: GT0293 General Purpose Motor, 100 & 75 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 404TSC Frame, DP

### Nameplate Specifications

| | | | |
|---|---|---|---|
| Phase | **3** | Output HP | **100 & 75 Hp** |
| Output KW | **75.0 & 56.0 kW** | Voltage | **230/460 & 190/380 V** |
| Speed | **1785 & 1487 r/min** | Synchronous RPM | **1800 & 1500 r/min** |
| Service Factor | **1.15 & 1.15** | Frame | **404TSC** |
| Enclosure | **Drip Proof** | Thermal Protection | **No Protection** |
| Efficiency | **95.4 & 95 %** | Ambient Temperature | **40 °C** |
| Frequency | **60 & 50 Hz** | Current | **230/115 & 210/105 A** |
| Power Factor | **86** | Duty | **Continuous** |
| Insulation Class | **F** | Design Code | **B** |
| KVA Code | **G** | Drive End Bearing Size | **6316** |
| Opp Drive End Bearing Size | **6315** | UL | **Recognized** |
| CSA | **Y** | CE | **Y** |
| IP Code | **22** | Number of Speeds | **1** |

### Technical Specifications

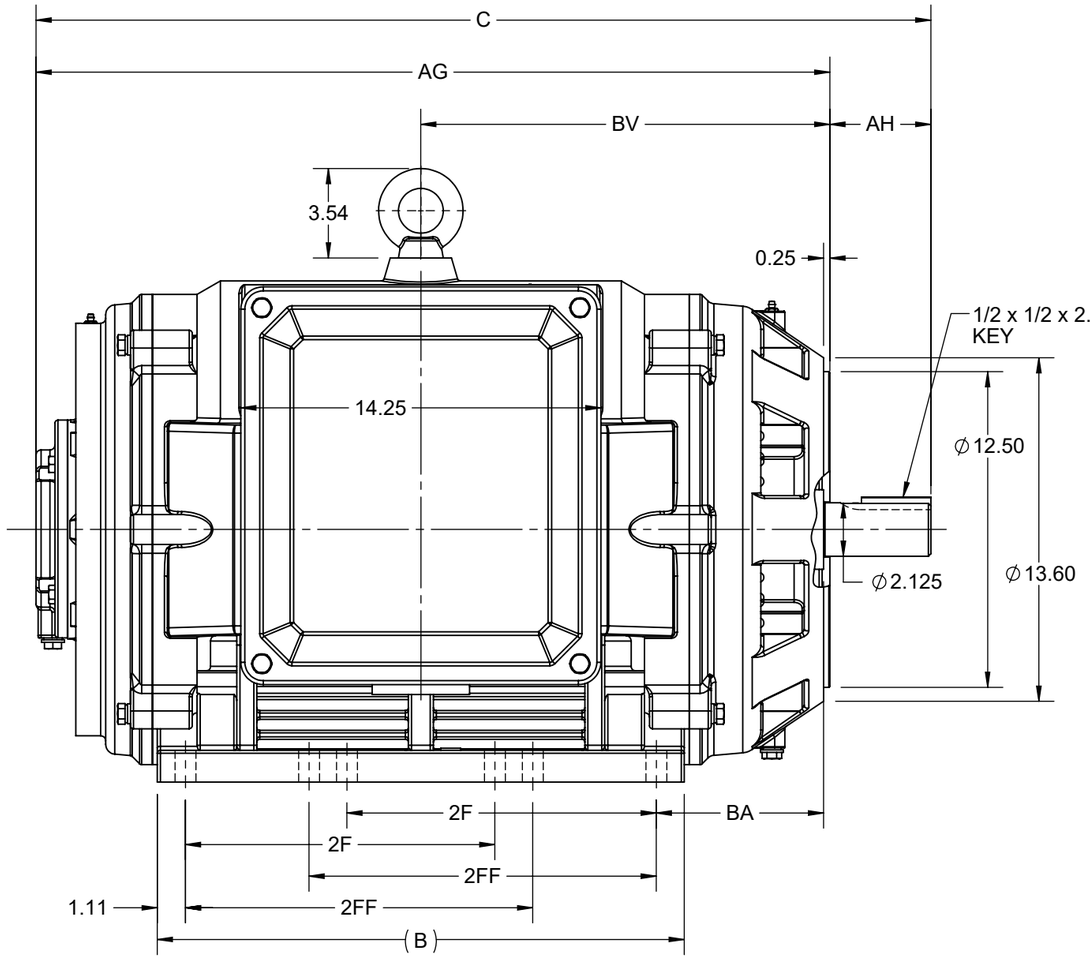
| | | | |
|---|---|---|---|
| Electrical Type | **Squirrel Cage Inverter Rated** | Starting Method | **Part Wdg Start Low Volt Only & Wye Start Delta Run Or Inverter** |
| Poles | **4** | Rotation | **Reversible** |
| Resistance Main | **.0616 O** | Mounting | **Rigid Base** |
| Motor Orientation | **Horizontal** | Drive End Bearing | **Ball** |
| Opp Drive End Bearing | **Ball** | Frame Material | **Cast Iron** |
| Shaft Type | **TS** | Shaft Diameter | **2.125 in** |
| Assembly/Box Mounting | **F1/F2 Capable** | Inverter Load | **Variable 10:1** |

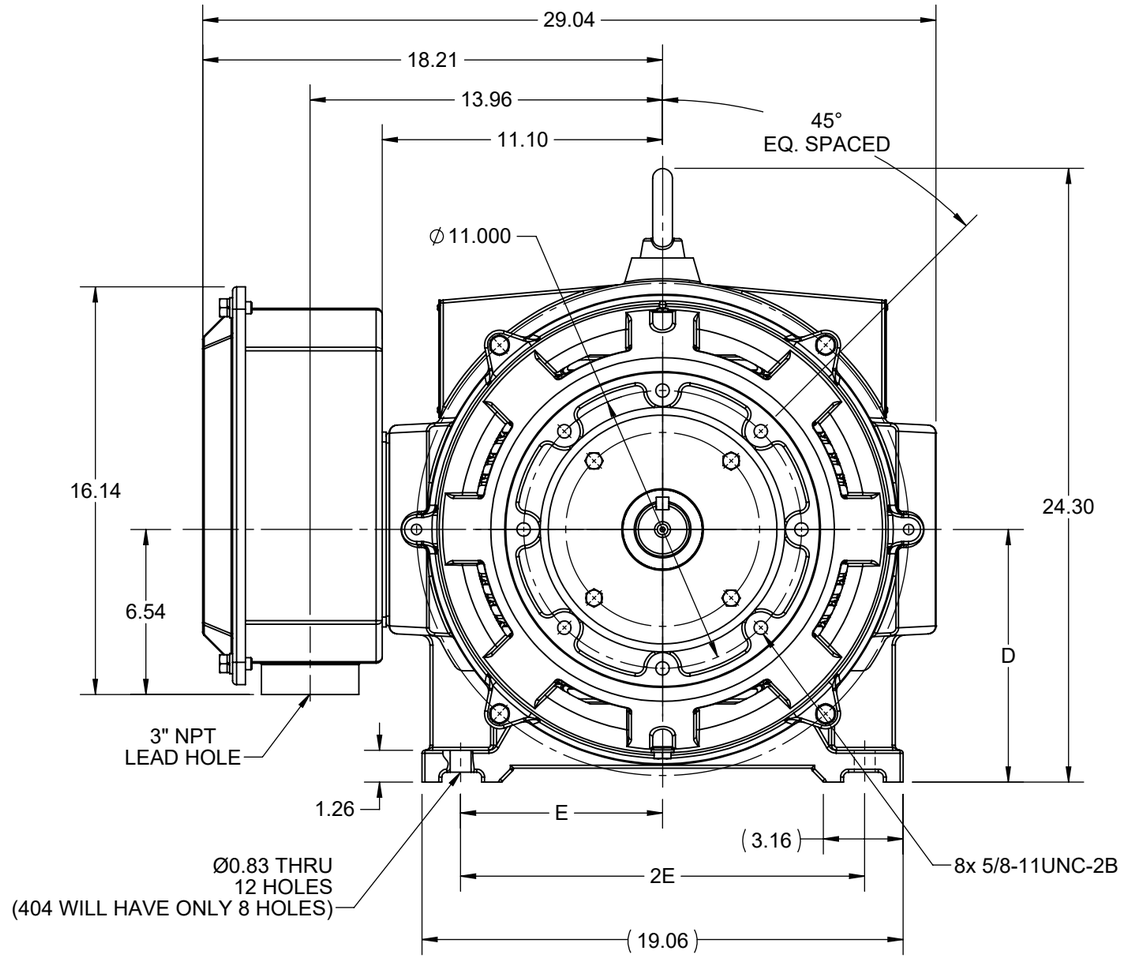
### Drawings

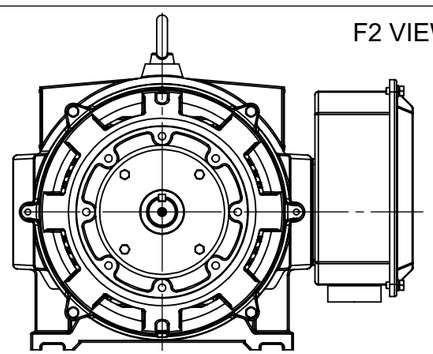
| | | | |
|---|---|---|---|
| Connection Drawing | **EE7308AA** | Outline Drawing | **SS620753-100** |

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| DASH NO. | B | C | D | E | 2E | 2F | 2FF | AG | AH | BA | BV | MOUNTING | FRAME |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100 | 19.29 | 33.85 | 10.00 | 8.00 | 16.00 | --- | 12.25 | 29.86 | 4.00 | 6.62 | 15.41 | F1 OR F2 | 404TSC |
| 200 | 20.87 | 35.43 | | | | 12.25 | 13.75 | 31.43 | | | 16.20 | | 404/405TSC |




| DRAWING REVISION | REVISION BY | REV DATE/© DATE |
|---|---|---|
| D | SB | 08/01/2025 |
| REQUEST NUMBER | APPROVED BY | DATE |
| CR-0023600 | SBD | 08/01/2025 |

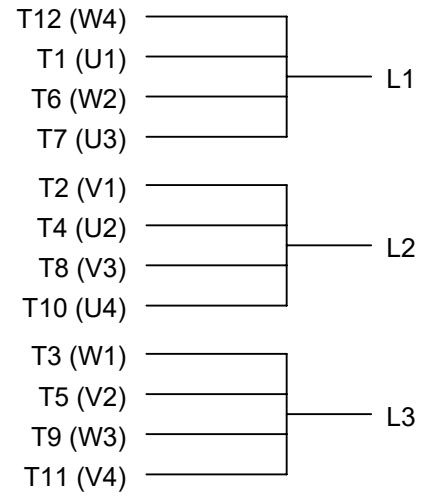
REQUEST NUMBER DESCRIPTION
DRAWING TITLE BLOCK UPDATED

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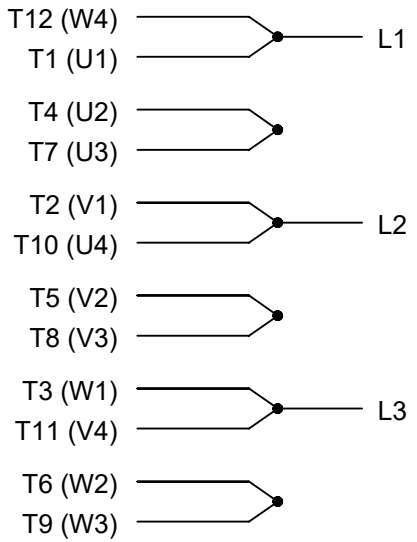
PRIMARY DIMENSIONS ARE INCH
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

| DRAWN BY | DESCRIPTION |
|---|---|
| WY | OUTLINE |
| DATE | 404/405TSC FR NEMA ODP CAST IRON |
| 21/07/2016 | |
| APPROVED BY | |
| DATE | |
| REFERENCE | MATERIAL / PROCESS/FINISH |
| THIRD ANGLE PROJECTION | SIZE B / DRAWING NUMBER SS620753 / SHEET 1 OF 1 |

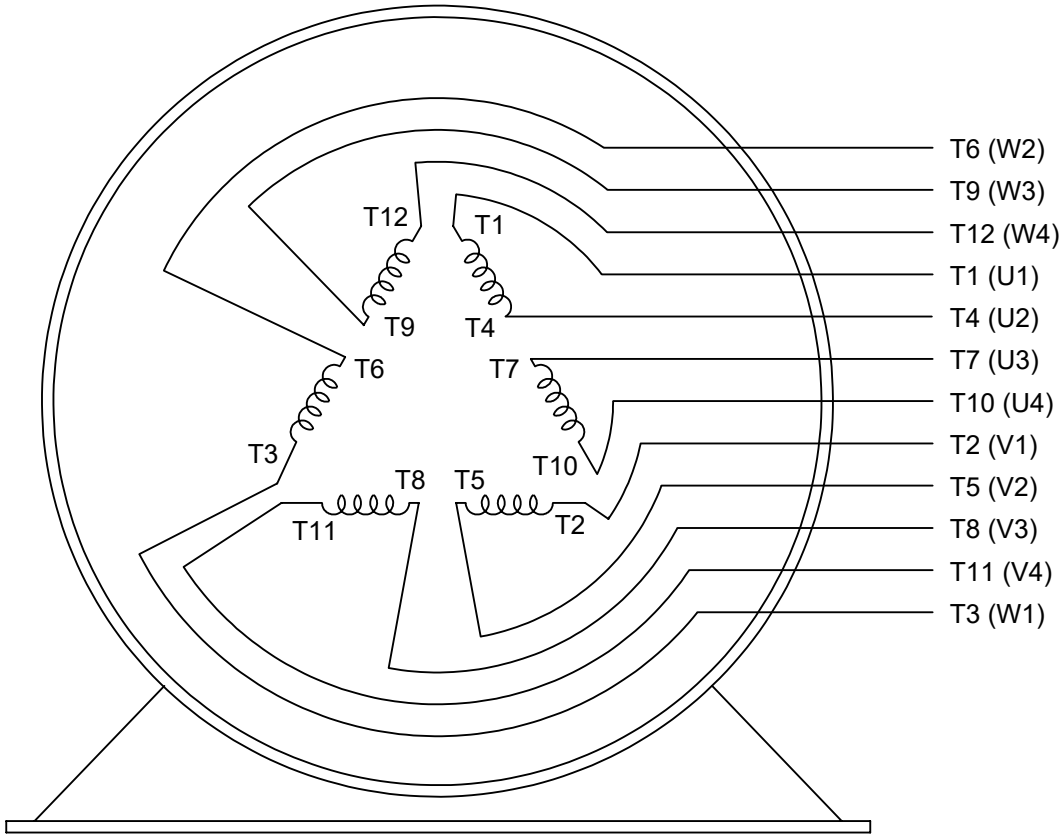
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LOW VOLTAGE




HIGH VOLTAGE




VIEW OF TERMINAL END

| | | | | | |
|---|---|---|---|---|---|
| DRAWING REVISION: L | REVISION BY: SB | REV DATE/© DATE: 08/01/2025 | PRIMARY DIMENSIONS ARE INCH<br>mm DIMENSIONS IN [BRACKETS]<br>ARE FOR REFERENCE ONLY | DRAWN BY: LZ | marathon™ |
| REQUEST NUMBER: CR-0023654 | APPROVED BY: SBD | DATE: 08/01/2025 | | DATE: 01-12-1994 | |
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| | | | | DATE: 01-14-1994 | |
| | | | | REFERENCE | MATERIAL / PROCESS/FINISH |
| | | | | THIRD ANGLE PROJECTION | SIZE: A / DRAWING NUMBER: EE7308AA / SHEET: 1 OF 1 |

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