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# General Purpose Motors

**Model No:** 215TTFHD6002
**Catalog No:** GT7218

General Purpose Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 RPM, 215TC Frame, TEFC

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## Product Information Packet: Model No: 215TTFHD6002, Catalog No: GT7218 General Purpose Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 RPM, 215TC Frame, TEFC

### Nameplate Specifications

| | | | |
|---|---|---|---|
| Phase | **3** | Output HP | **10 & 7.50 Hp** |
| Output KW | **7.5 & 5.6 kW** | Voltage | **230/460 & 190/380 V** |
| Speed | **3518 & 2925 r/min** | Synchronous RPM | **3600 & 3000 r/min** |
| Service Factor | **1.25 & 1.15** | Frame | **215TC** |
| Enclosure | **Totally Enclosed Fan Cooled** | Thermal Protection | **No Protection** |
| Efficiency | **90.2 & 89.5 %** | Ambient Temperature | **40 °C** |
| Frequency | **60 & 50 Hz** | Current | **23.6/11.8 & 21.6/10.8 A** |
| Power Factor | **88** | Duty | **Continuous** |
| Insulation Class | **F** | Design Code | **B** |
| KVA Code | **H** | Drive End Bearing Size | **6309** |
| Opp Drive End Bearing Size | **6208** | UL | **Listed** |
| CSA | **Y** | CE | **Y** |
| IP Code | **55** | Number of Speeds | **1** |
| Hazardous Location | **DIVISION 2 T2B** | | |

### Technical Specifications

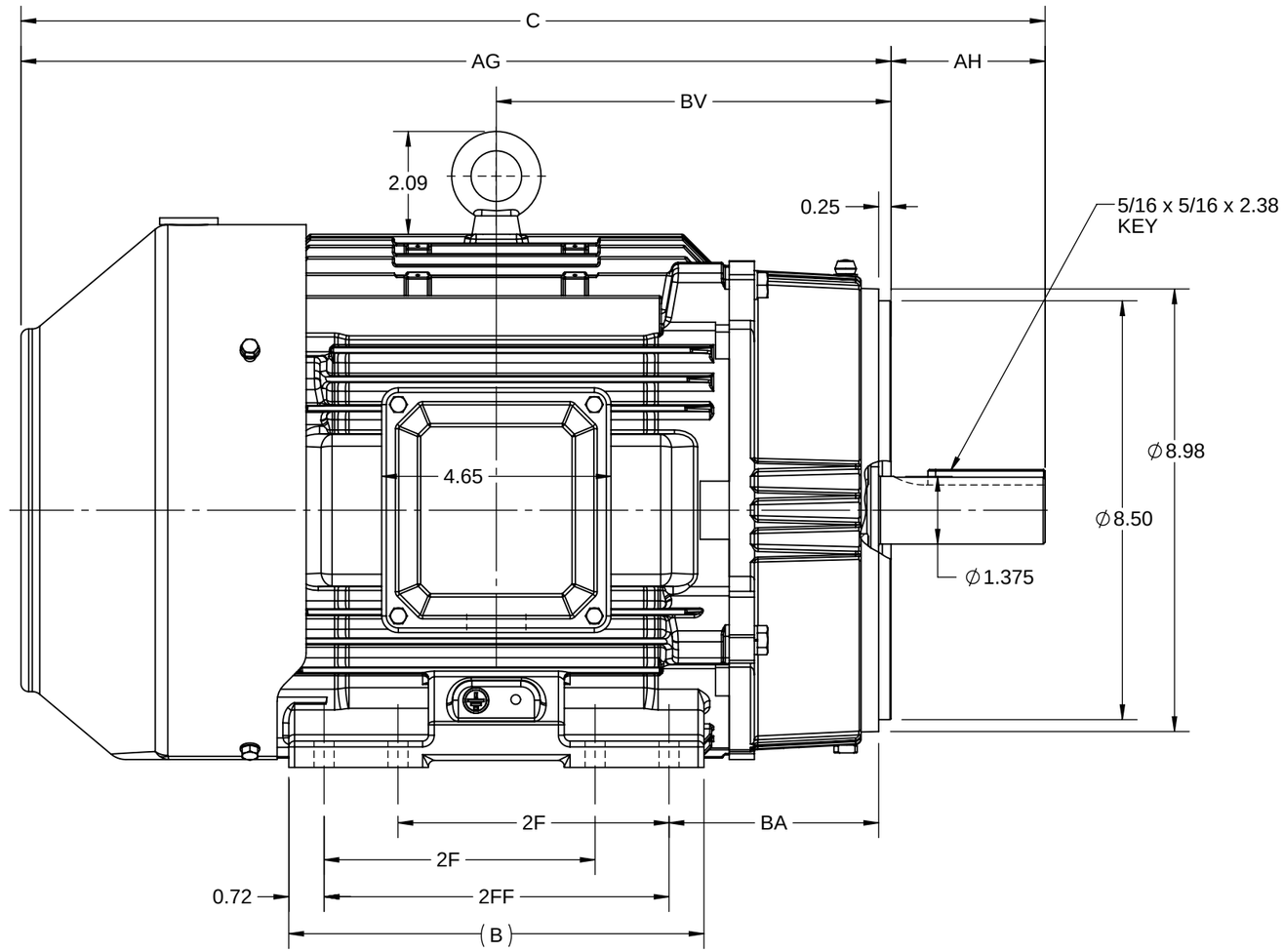
| | | | |
|---|---|---|---|
| Electrical Type | **Squirrel Cage Inverter Rated** | Starting Method | **Line Or Inverter** |
| Poles | **2** | Rotation | **Reversible** |
| Resistance Main | **1.218 O** | Mounting | **Rigid Base** |
| Motor Orientation | **Horizontal** | Drive End Bearing | **Ball** |
| Opp Drive End Bearing | **Ball** | Frame Material | **Aluminum** |
| Shaft Type | **T** | Assembly/Box Mounting | **F1/F2 Capable** |
| Inverter Load | **Constant 2:1/Variable 10:1** | | |

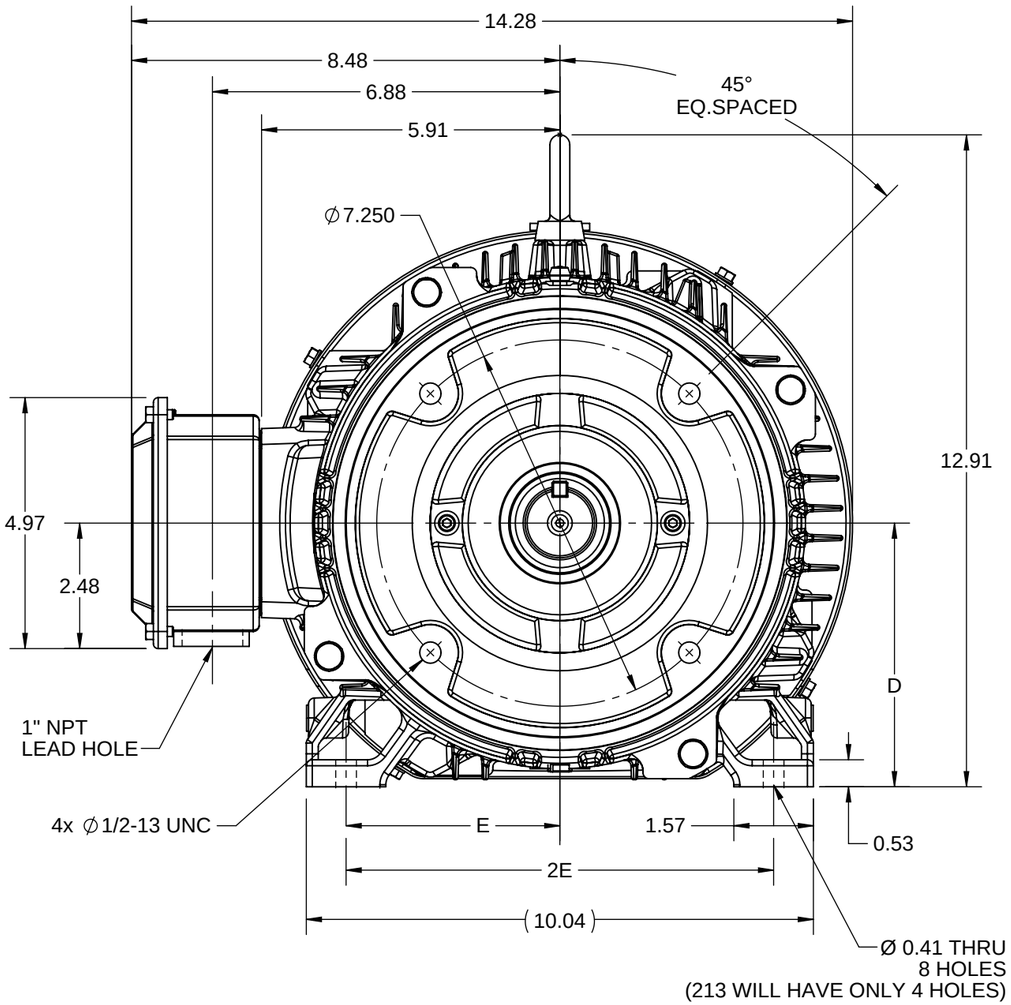
### Drawings

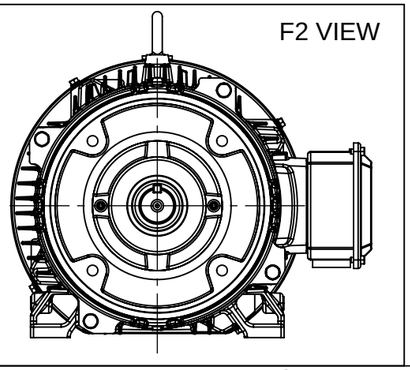
| | | | |
|---|---|---|---|
| Connection Drawing | **EE7308** | Outline Drawing | **SS621261-200** |

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| DASH NO. | B | C | D | E | 2E | 2F | 2FF | AG | AH | BA | BV | MOUNTING | FRAME |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100 | 6.93 | 19.28 | 5.25 | 4.25 | 8.50 | --- | 5.50 | 16.15 | 3.12 | 4.25 | 7.26 | F1 OR F2 | 213TC |
| 200 | 8.43 | 20.78 | | | | 5.50 | 7.00 | 17.65 | | | 8.01 | | 213/215TC |




| | | |
|---|---|---|
| DRAWING REVISION: B | REVISION BY: SB | REV DATE/© DATE: 08/20/2026 |
| REQUEST NUMBER: CR-0027408 | APPROVED BY: RMS | DATE: 08/20/2026 |
| REQUEST NUMBER DESCRIPTION: DRAWING TITLE BLOCK UPDATED | | |

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|---|---|
| DRAWN BY: GOPI J | marathon™ |
| DATE: 22/02/2022 | |
| APPROVED BY: GNK | DESCRIPTION: OUTLINE |
| DATE: 22/02/2022 | 213/215TC FR TEFC RIGID- AL.FRAME |
| REFERENCE: SS621075 | MATERIAL / PROCESS/FINISH |
| THIRD ANGLE PROJECTION | SIZE: B / DRAWING NUMBER: SS621261 / SHEET: 1 OF 1 |