marathon®

General Purpose Motors

Model No: 284TTFCD6101
Catalog No: GT10113

General Purpose Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 900 RPM, 284T Frame, TEFC

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Product Information Packet: Model No: 284TTFCD6101, Catalog No: GT10113 General Purpose Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 900 RPM, 284T 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	**880 & 730 r/min**	Synchronous RPM	**900 & 750 r/min**
Service Factor	**1.15 & 1.15**	Frame	**284T**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**89.5 & 89.1 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**27.6/13.8 & 25.6/12.8 A**
Power Factor	**75**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**H**	Drive End Bearing Size	**6311**
Opp Drive End Bearing Size	**6211**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**55**	Number of Speeds	**1**

Technical Specifications

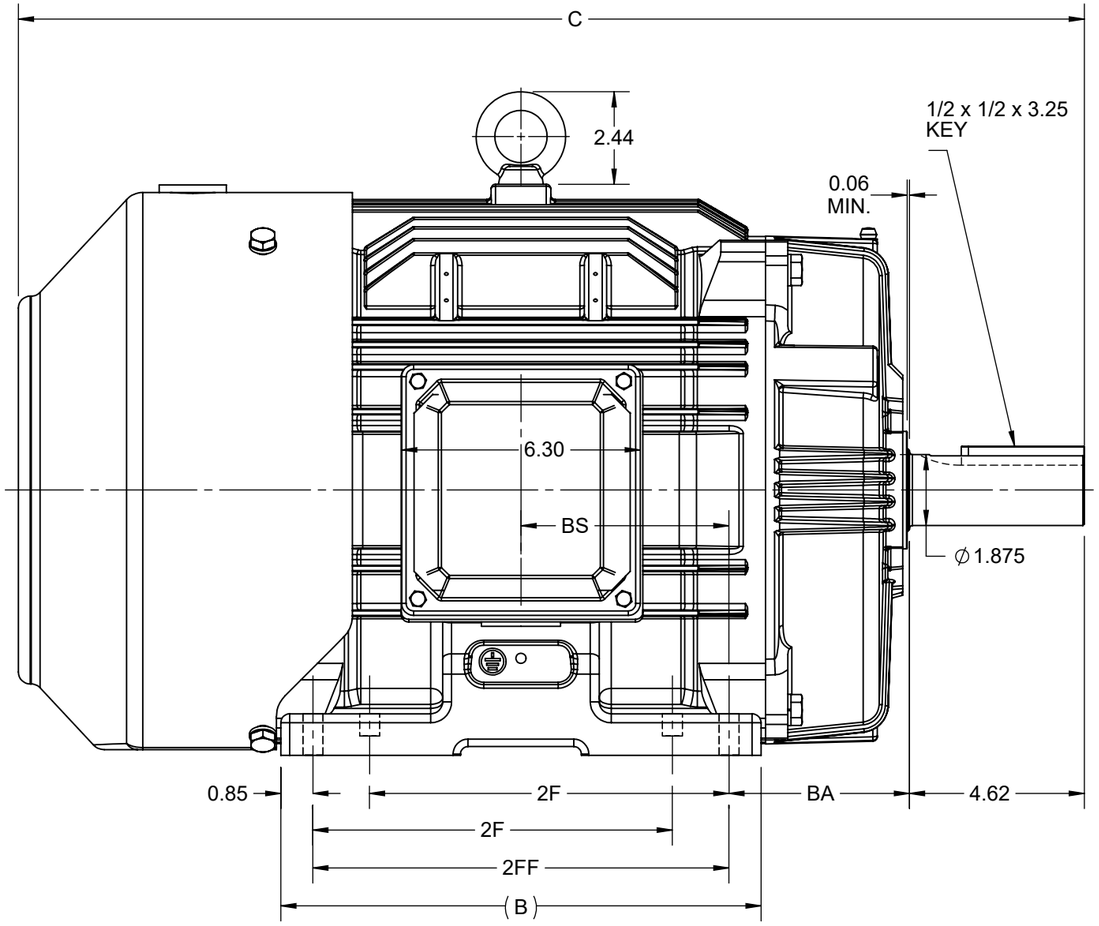
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**8**	Rotation	**Reversible**
Resistance Main	**.8717 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Cast Iron**
Shaft Type	**T**	Shaft Diameter	**1.875 in**
Assembly/Box Mounting	**F1/F2 Capable**	Inverter Load	**Constant 10:1/Variable 10:1**

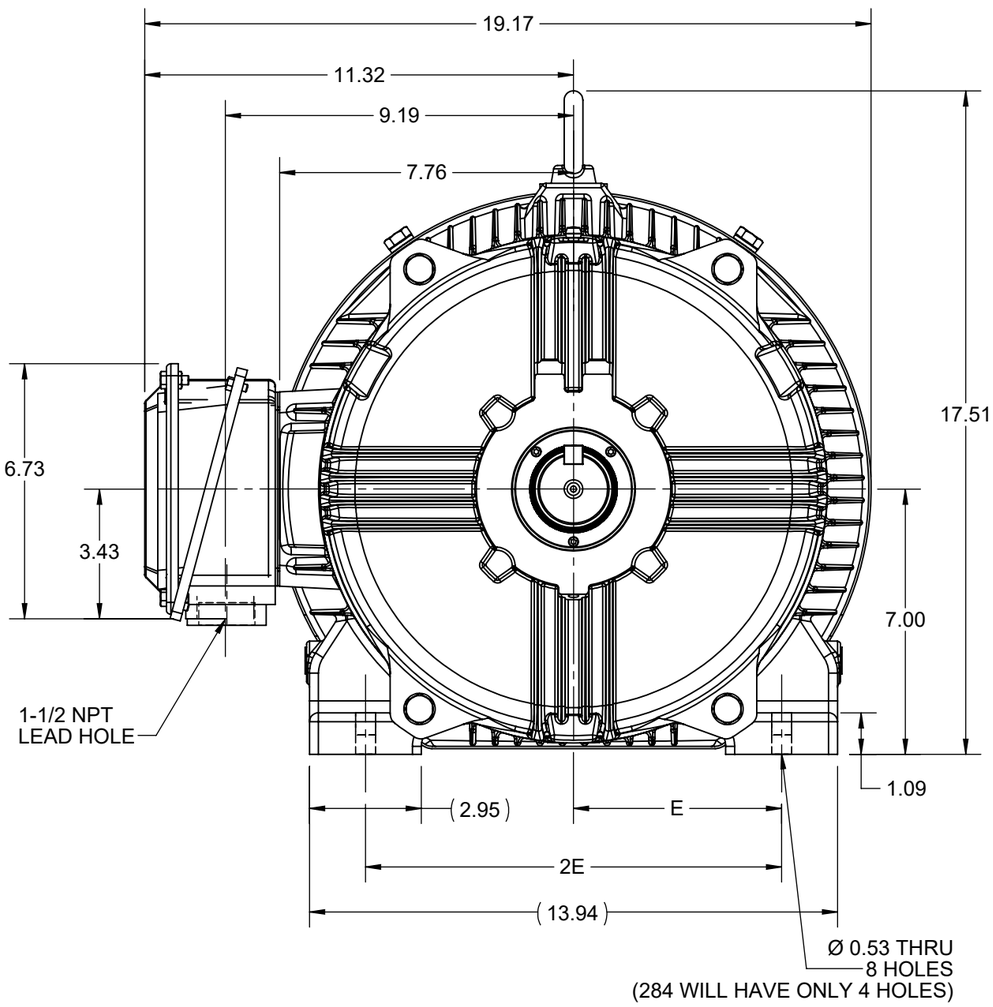
Drawings

Connection Drawing	**EE7308FT**	Outline Drawing	**SS620704-100**

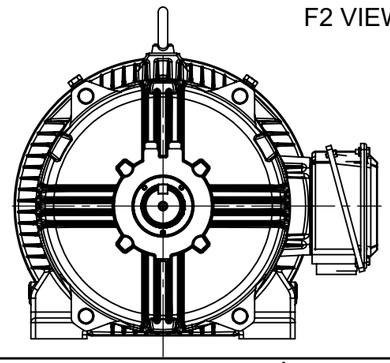
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DASH NO.	B	C	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME
100	10.83	26.64	5.50	11.00	---	9.50	4.75	4.75	F1 OR F2	284T
200	12.68	28.14			9.50	11.00		5.50		284/286T





F2 VIEW



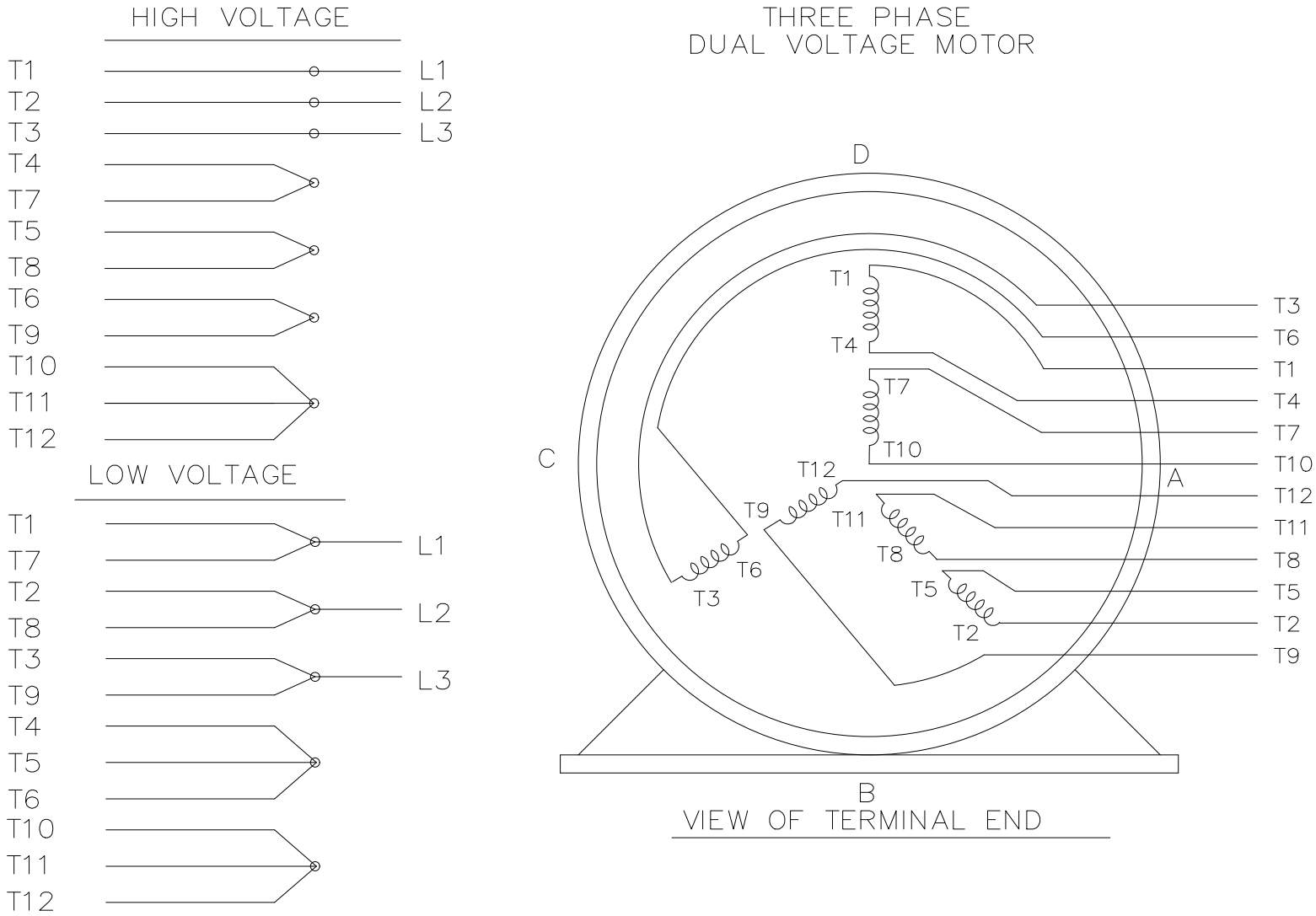
DRAWING REVISION: D	REVISION BY: SB	REV DATE/© DATE: 08/29/2025
REQUEST NUMBER: CR-0023556	APPROVED BY: SBD	DATE: 08/29/2025
REQUEST NUMBER DESCRIPTION: DRAWING TITLE BLOCK UPDATED		

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DRAWN BY: MR	marathon™
DATE: 4/5/2015	
APPROVED BY: KRK	DESCRIPTION: OUTLINE 284/286T FR-TEFC-CAST IRON
DATE: 4/5/2015	
REFERENCE	MATERIAL / PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: B / DRAWING NUMBER: SS620704 / SHEET: 1 OF 1

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DRAWING REVISION: C	REVISION BY: SB	REV DATE/ © DATE: 10/08/2025
REQUEST NUMBER: CR-0024284	APPROVED BY: RMS	DATE: 10/08/2025
REQUEST NUMBER DESCRIPTION: DRAWING TITLE BLOCK UPDATED		

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DRAWN BY: JJB	marathon™	
DATE: 06/05/2007		
APPROVED BY: BW	DESCRIPTION: CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR	
DATE: 06/05/2007		
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: A	DRAWING NUMBER: EE7308FT — SHEET: 1 OF 1