marathon®

General Purpose Motors

Model No: 286TTDBD6101
Catalog No: GT00115

General Purpose Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 900 RPM, 286T Frame, DP

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Product Information Packet: Model No: 286TTDBD6101, Catalog No: GT00115 General Purpose Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 900 RPM, 286T Frame, DP

Nameplate Specifications

Phase	**3**	Output HP	**15 & 10 Hp**
Output KW	**11.2 & 7.5 kW**	Voltage	**230/460 & 190/380 V**
Speed	**880 & 735 r/min**	Synchronous RPM	**900 & 750 r/min**
Service Factor	**1.15 & 1.15**	Frame	**286T**
Enclosure	**Drip Proof**	Thermal Protection	**No Protection**
Efficiency	**90.2 & 89.8 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**42/21 & 35/17.6 A**
Power Factor	**75.8**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**H**	Drive End Bearing Size	**6311**
Opp Drive End Bearing Size	**6210**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**22**	Number of Speeds	**1**

Technical Specifications

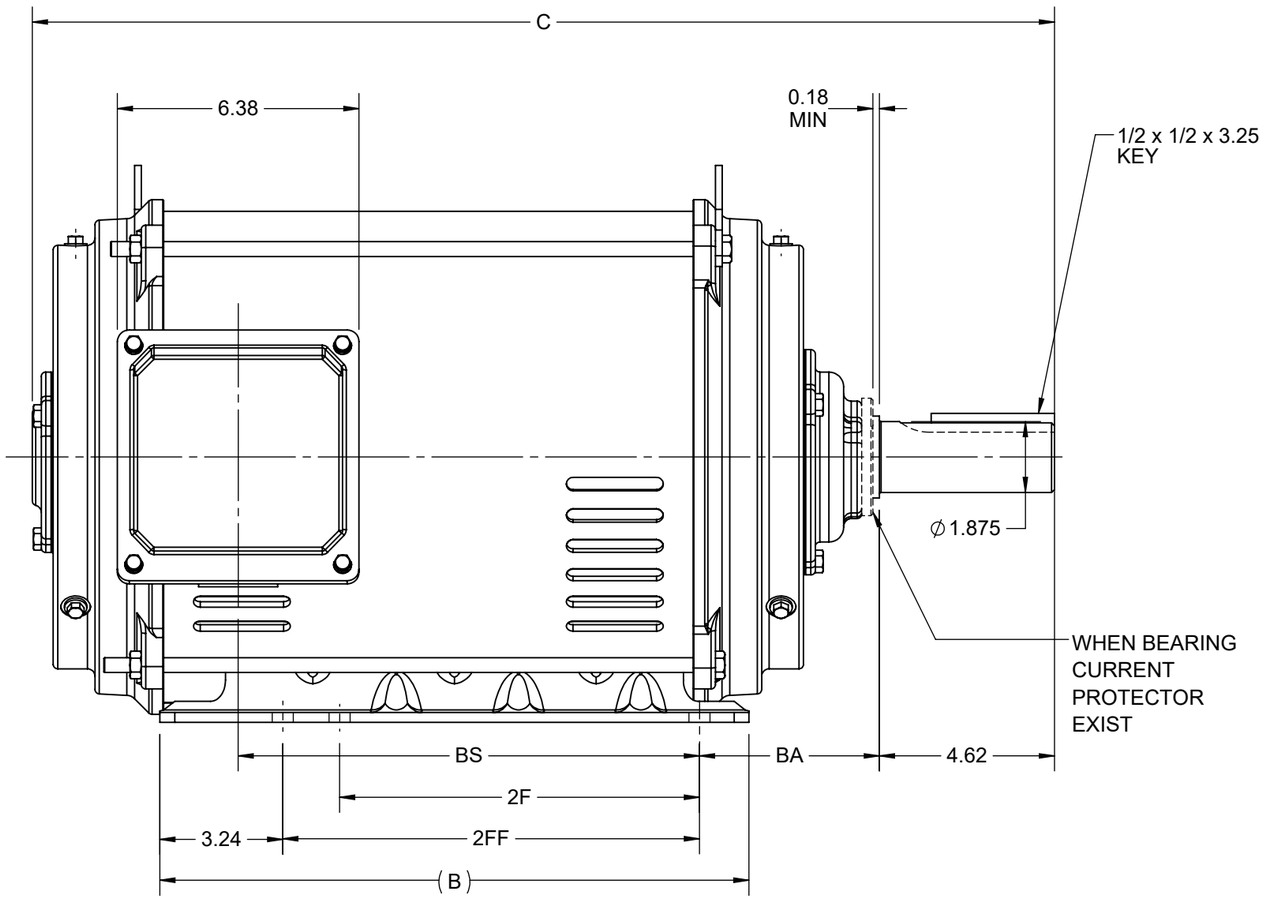
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Part Wdg Start Low Volt Only & Wye Start Delta Run Or Inverter**
Poles	**8**	Rotation	**Reversible**
Resistance Main	**.5414 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**T**	Assembly/Box Mounting	**F1/F2 Capable**
Inverter Load	**Variable 10:1**		

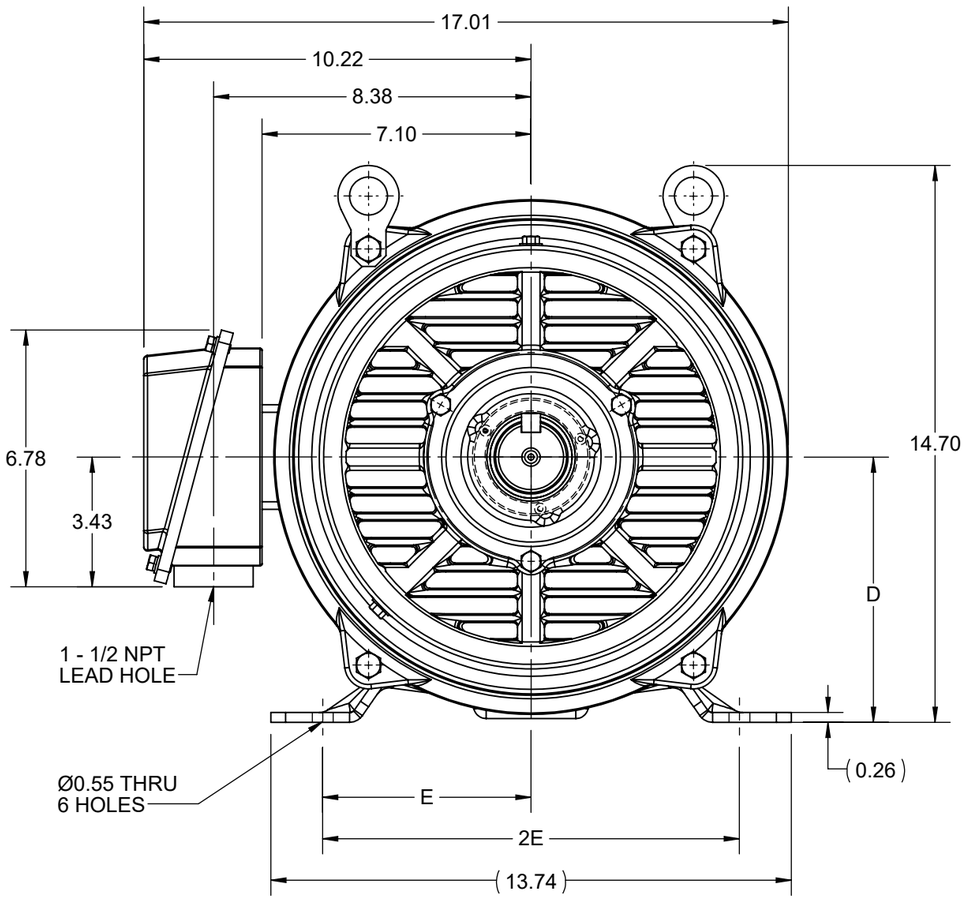
Drawings

Connection Drawing	**EE7308FT**	Outline Drawing	**SS620687-200**

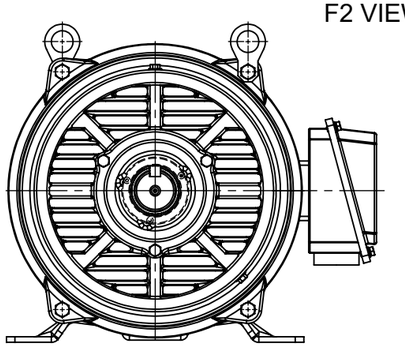
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DASH NO.	B	C	D	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME
100	15.55	25.60	7.00	5.50	11.00	9.50	11.00	4.75	10.80	F1 OR F2	284T
200		26.98							12.18		286T





F2 VIEW



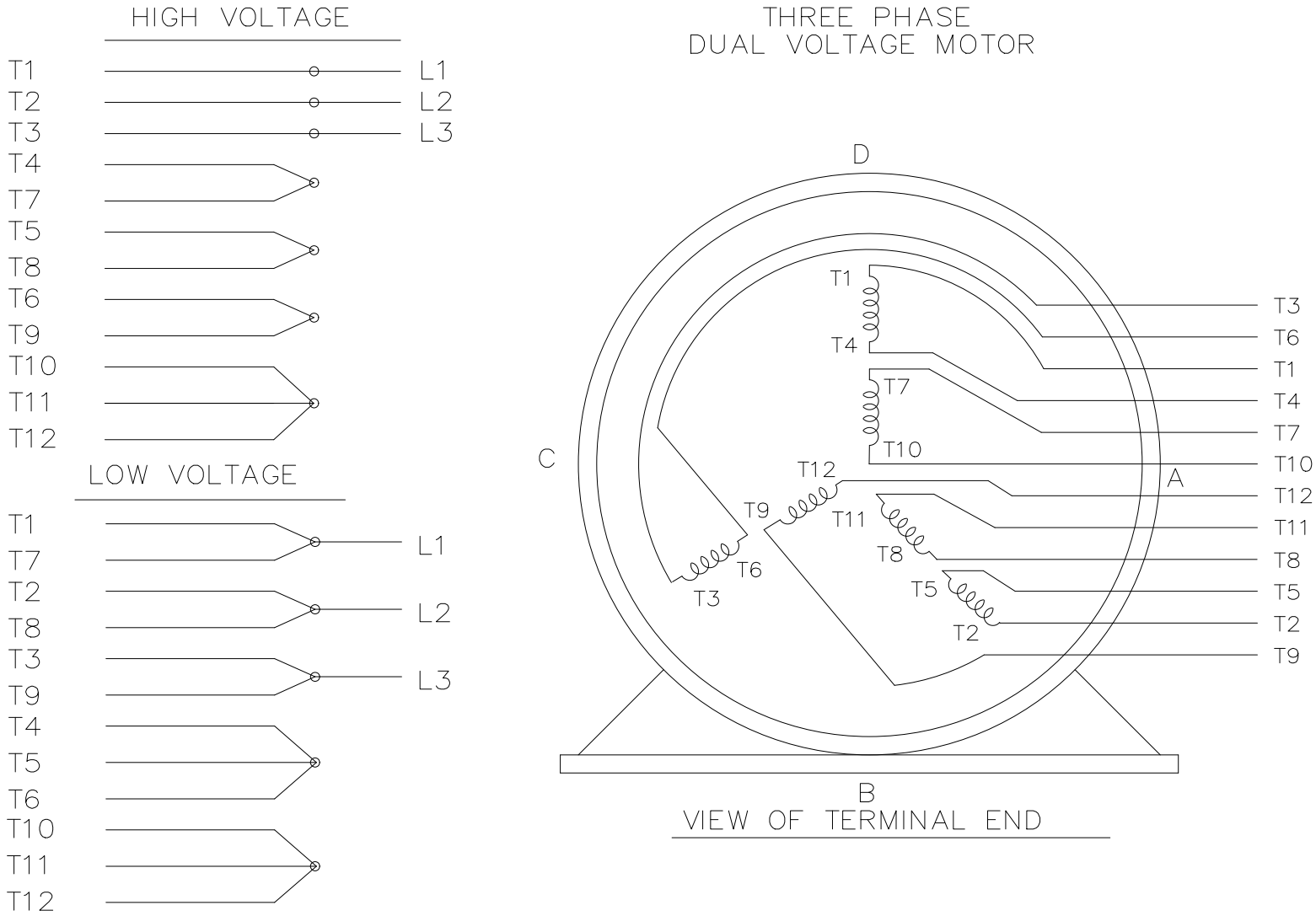
DRAWING REVISION: F	REVISION BY: SB	REV DATE/© DATE: 07/22/2025
REQUEST NUMBER: CR-0023556	APPROVED BY: SBD	DATE: 07/22/2025
REQUEST NUMBER DESCRIPTION: DRAWING TITLE BLOCK UPDATED		

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DRAWN BY: XZ	marathon™	
DATE: 17/04/2017	DESCRIPTION: OUTLINE 284/286T FR NEMA ODP RS	
APPROVED BY		
DATE		
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: B / DRAWING NUMBER: SS620687	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