marathon®

General Purpose Motors

Model No: 184TTFHD6029
Catalog No: GT7313

General Purpose Motor, 5 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 184TC Frame, TEFC

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Product Information Packet: Model No: 184TTFHD6029, Catalog No: GT7313 General Purpose Motor, 5 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 184TC Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**5 & 5 Hp**
Output KW	**3.7 & 3.7 kW**	Voltage	**230/460 & 190/380 V**
Speed	**1755 & 1445 r/min**	Synchronous RPM	**1800 & 1500 r/min**
Service Factor	**1.25 & 1.00**	Frame	**184TC**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**89.5 & 86.2 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**13.6/6.8 & 15.8/7.9 A**
Power Factor	**78.5**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**A**
KVA Code	**J**	Drive End Bearing Size	**6206**
Opp Drive End Bearing Size	**6205**	UL	**Listed**
CSA	**Y**	CE	**Y**
IP Code	**55**	Number of Speeds	**1**
Hazardous Location	**DIVISION 2 T2B**		

Technical Specifications

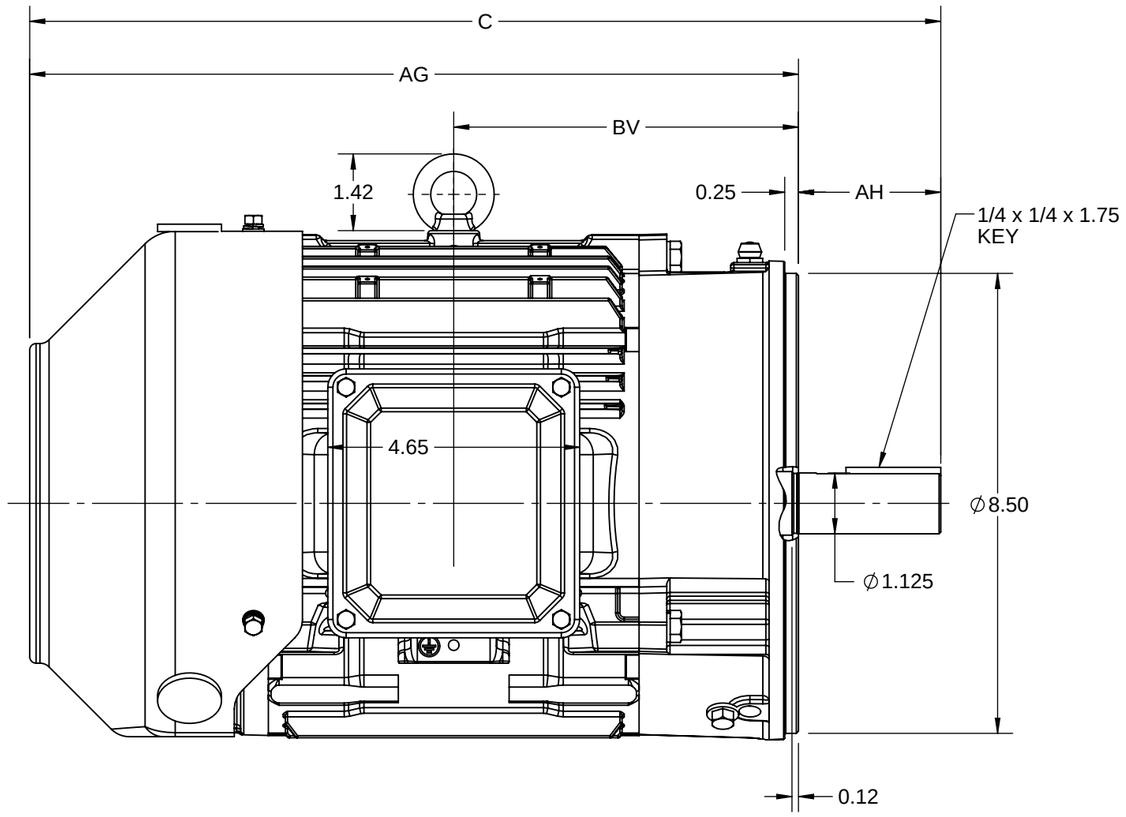
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**2.685 O**	Mounting	**Round**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Aluminum**
Shaft Type	**T**	Assembly/Box Mounting	**F1/F2 Capable**
Inverter Load	**Constant 2:1/Variable 10:1**		

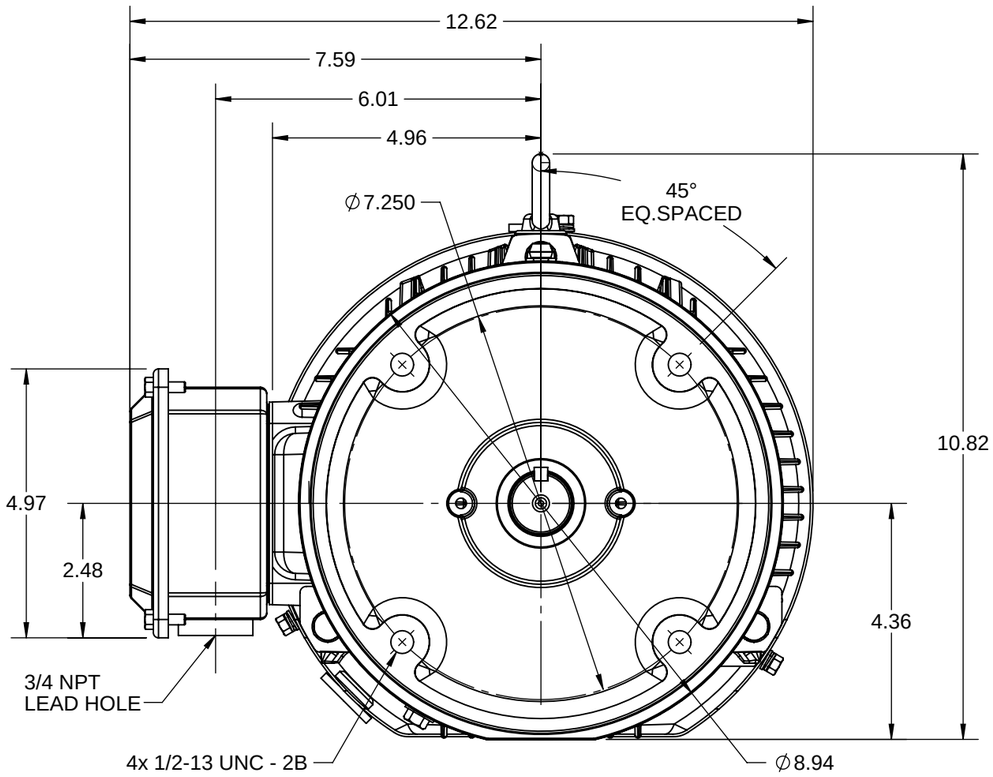
Drawings

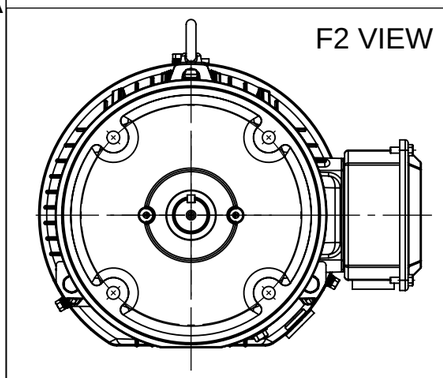
Connection Drawing	**EE7308**	Outline Drawing	**SS621251-200**

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DASH NO.	C	AG	AH	BV	MOUNTING	FRAME
100	15.83	13.20	2.62	5.87	F1 OR F2	182TC
200	16.83	14.20		6.37		182/184TC







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: BS	marathon™		
DATE: 31/01/2022			
APPROVED BY: GNK	DESCRIPTION: OUTLINE 182/184TC FR. NEMA, ROUND, AL.FRAME		
DATE: 31/01/2022			
REFERENCE: SS621248	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE: B	DRAWING NUMBER: SS621251	SHEET: 1 OF 1