marathon®

General Purpose Motors

Model No: 182TTFHD6028
Catalog No: GT7210

General Purpose Motor, 3 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 182TC Frame, TEFC

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Product Information Packet: Model No: 182TTFHD6028, Catalog No: GT7210 General Purpose Motor, 3 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 182TC Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**3 & 3 Hp**
Output KW	**2.2 & 2.2 kW**	Voltage	**230/460 & 190/380 V**
Speed	**1765 & 1455 r/min**	Synchronous RPM	**1800 & 1500 r/min**
Service Factor	**1.25 & 1.15**	Frame	**182TC**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**89.5 & 86.2 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**8.6/4.3 & 9.8/4.9 A**
Power Factor	**74.2**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**A**
KVA Code	**K**	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

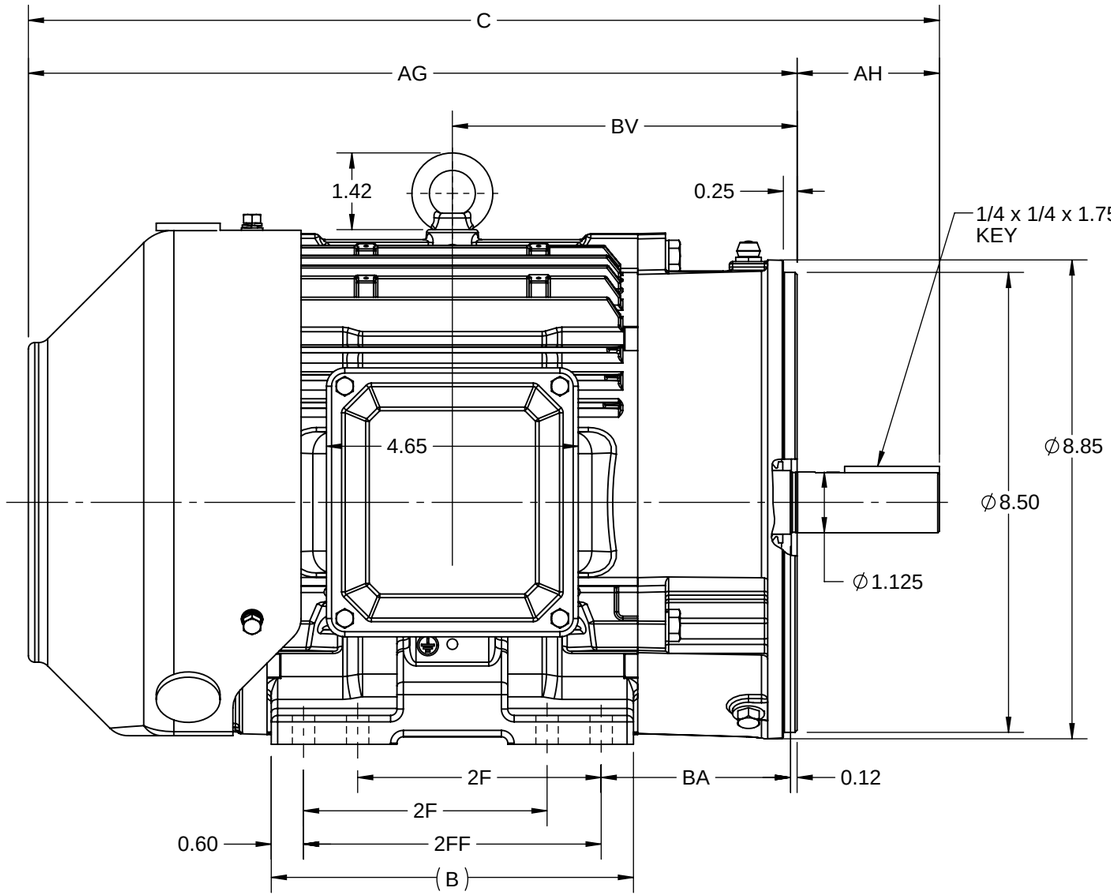
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**4.473 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Aluminum**
Shaft Type	**T**	Assembly/Box Mounting	**F1/F2 Capable**
Inverter Load	**Constant 10:1/Variable 10:1**		

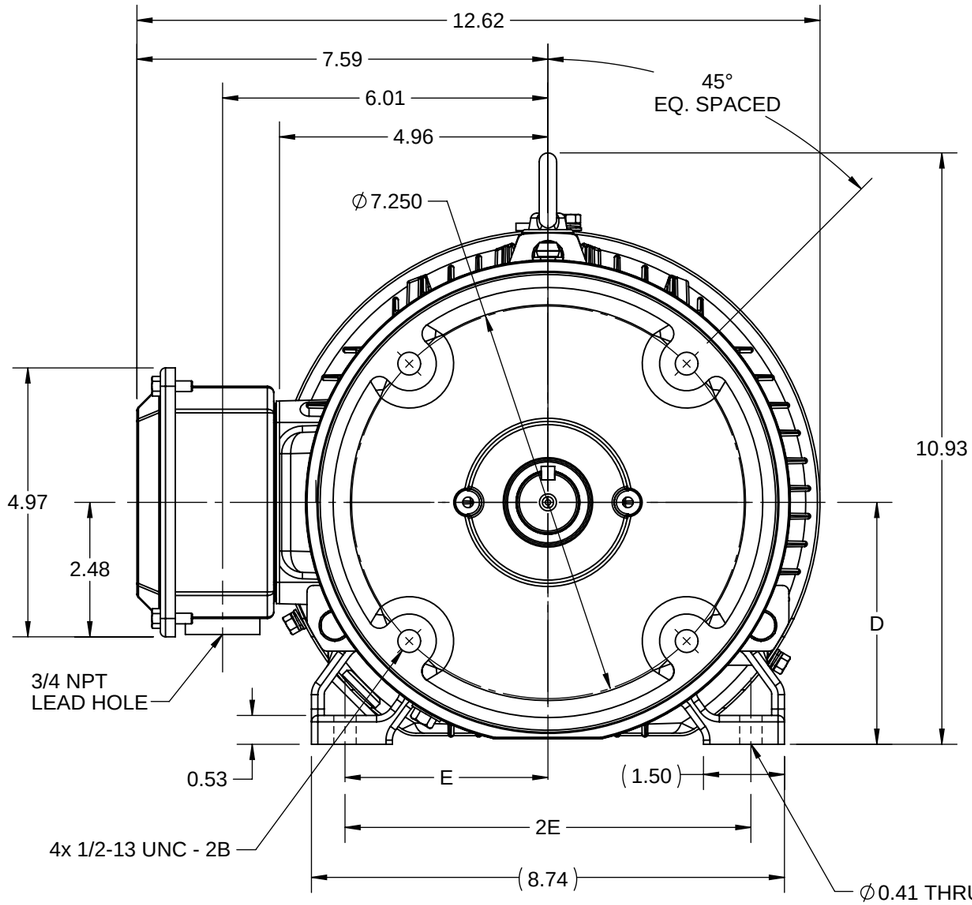
Drawings

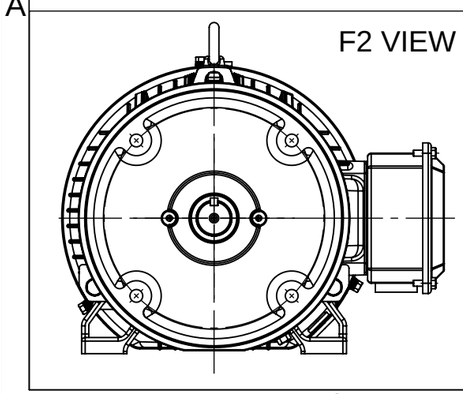
Connection Drawing	**EE7308**	Outline Drawing	**SS621248-100**

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DASH NO.	B	C	D	E	2E	2F	2FF	AG	AH	BA	BV	MOUNTING	FRAME
100	5.67	15.83	4.50	3.75	7.50	-	4.50	13.20	2.62	3.50	5.87	F1 OR F2	182TC
200	6.69	16.83				4.50	5.50	14.20			6.37		182/184TC







DRAWING REVISION	REVISION BY	REV DATE/© DATE
C	SV	09/02/2026
REQUEST NUMBER	APPROVED BY	DATE
CR-0027530	RMS	09/02/2026

REQUEST NUMBER DESCRIPTION
DRAWING TITLE BLOCK UPDATED

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DRAWN BY	BISWA
DATE	18/01/2022
APPROVED BY	SBD
DATE	18/01/2022
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marathon™

DESCRIPTION
OUTLINE
182/184TC FR-NEMA TEFC-AL FRAME

MATERIAL | PROCESS/FINISH

THIRD ANGLE PROJECTION

SIZE	DRAWING NUMBER	SHEET
B	SS621248	1 OF 1