marathon®

General Purpose Motors

Model No: 184TTDBD6005
Catalog No: GT0115

General Purpose Motor, 7.50 HP, 3 Ph, 60 Hz, 575 V, 3600 RPM, 184T Frame, DP

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Product Information Packet: Model No: 184TTDBD6005, Catalog No: GT0115 General Purpose Motor, 7.50 HP, 3 Ph, 60 Hz, 575 V, 3600 RPM, 184T Frame, DP

Nameplate Specifications

Phase	**3**	Output HP	**7.50 Hp**
Output KW	**5.6 kW**	Voltage	**575 V**
Speed	**3510 r/min**	Synchronous RPM	**3600 r/min**
Service Factor	**1.15**	Frame	**184T**
Enclosure	**Drip Proof**	Thermal Protection	**No Protection**
Efficiency	**88.5 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**7.4 A**
Power Factor	**86**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**A**
KVA Code	**J**	Drive End Bearing Size	**6206**
Opp Drive End Bearing Size	**6203**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**22**	Number of Speeds	**1**

Technical Specifications

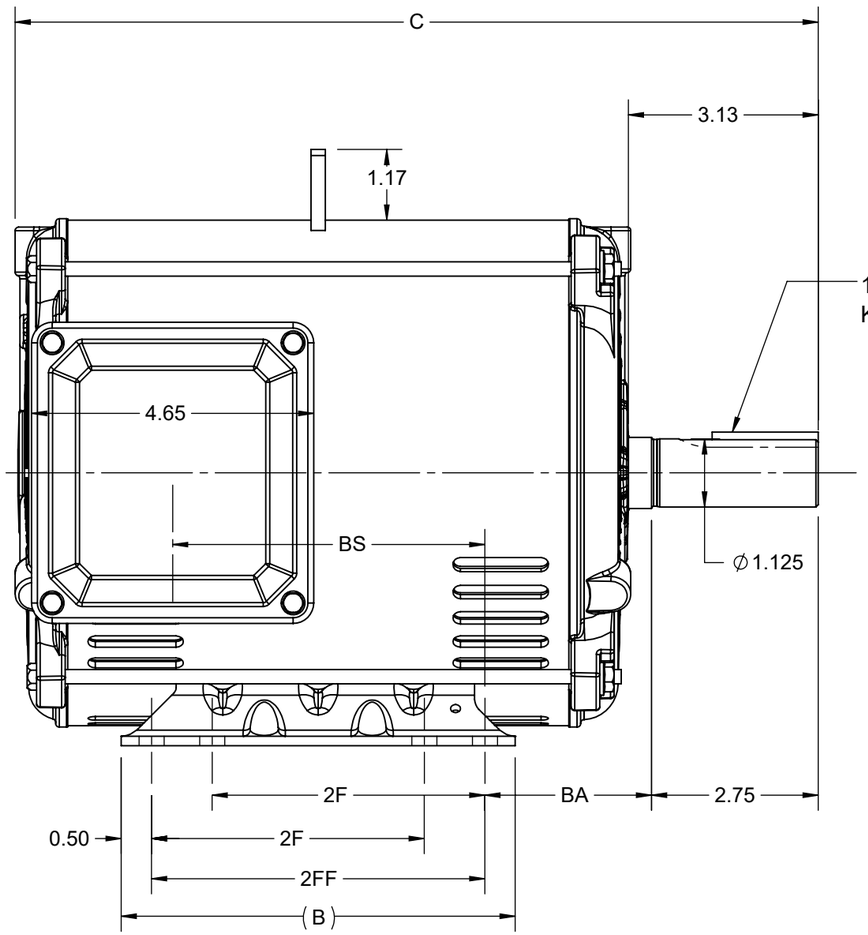
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**2**	Rotation	**Reversible**
Resistance Main	**2.455 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**T**	Shaft Diameter	**1.125 in**
Assembly/Box Mounting	**F1/F2 Capable**	Inverter Load	**Variable 10:1**

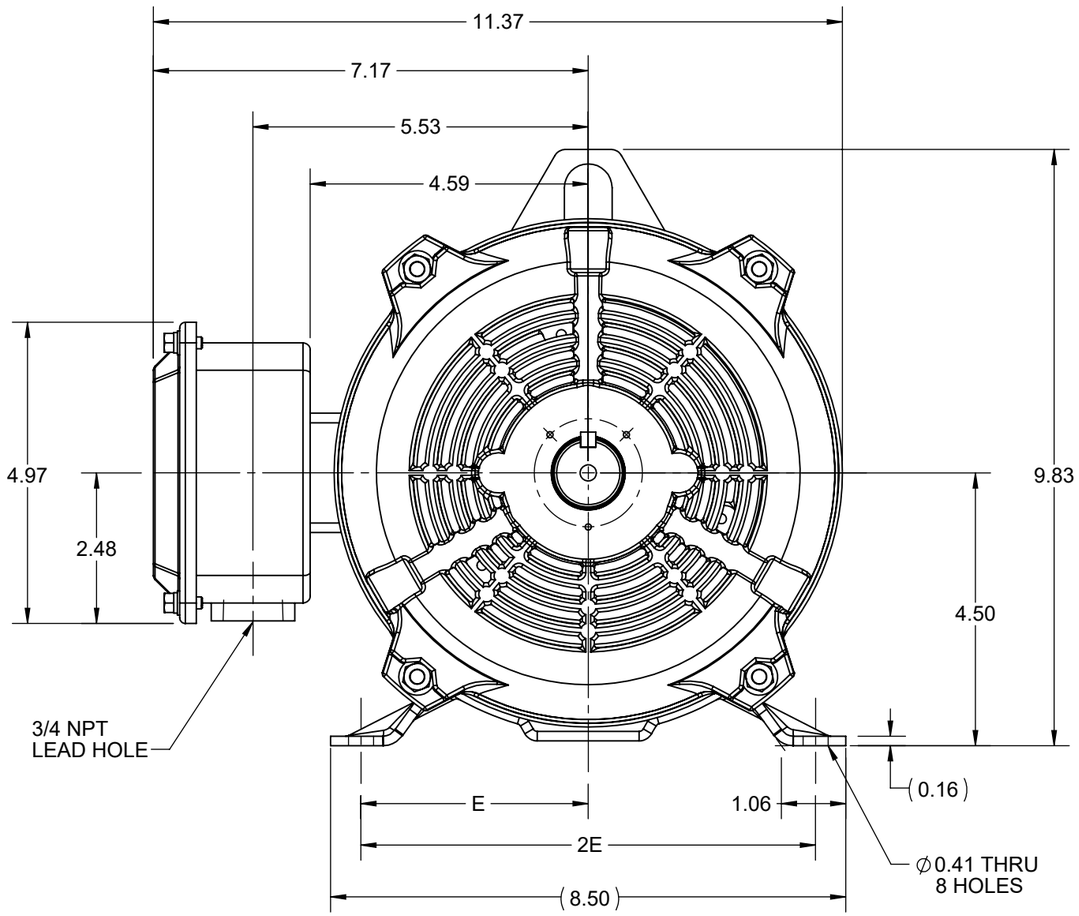
Drawings

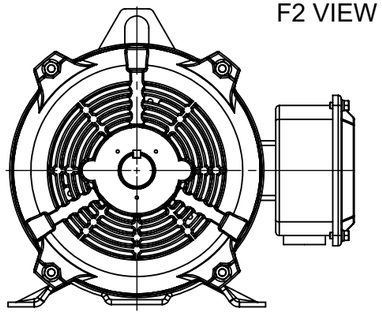
Connection Drawing	**EE7300**	Outline Drawing	**SS600198-200**

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DASH NO.	B	C	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME
100	6.50	12.25	3.75	7.50	4.50	5.50	2.75	4.15	F1 OR F2	182T
200		13.25						5.15		184T







DRAWING REVISION	REVISION BY	REV DATE/© DATE
G	SB	08/11/2025
REQUEST NUMBER	APPROVED BY	DATE
CR-0023556	SBD	08/11/2025

REQUEST NUMBER DESCRIPTION
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DATE	12/03/2018
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DATE	12/03/2018
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THIRD ANGLE PROJECTION	

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DESCRIPTION
OUTLINE
182/184T FR -NEMA-ODP RS

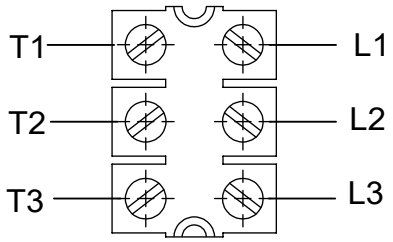
MATERIAL	PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
B	SS600198	1 OF 1

THREE PHASE - SINGLE VOLTAGE
MOTOR - CONDUIT BOX @ 'A'

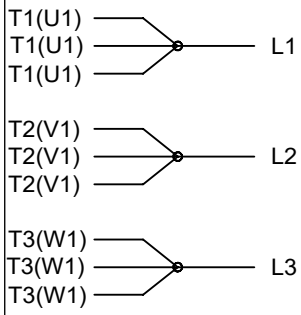
TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

TERMINAL BLOCK WHEN SPECIFIED

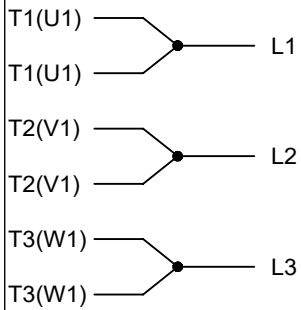


VIEW OF TERMINAL END

IF MOTOR HAS
9 LEADS



IF MOTOR HAS
6 LEADS



A-9806 DECAL

OPTIONAL CORD
CONNECTION

L1	WHITE
L2	RED
L3	BLACK

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DATE: 03-26-1993	
APPROVED BY: TB	
DATE: 03-26-1993	
REFERENCE	
THIRD ANGLE PROJECTION	

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DESCRIPTION
CONNECTION DIAGRAM
EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR

MATERIAL	PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
A	EE7300	1 OF 1