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Close-Coupled Pump Motors

Model No: 184TTFBD6012
Catalog No: GT3412A

Close-Coupled Pump Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 RPM, 184JP Frame, TEFC

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Product Information Packet: Model No: 184TTFBD6012, Catalog No: GT3412A Close-Coupled Pump Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 RPM, 184JP Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**5 & 3 Hp**
Output KW	**3.7 & 2.2 kW**	Voltage	**230/460 & 190/380 V**
Speed	**3525 & 2945 r/min**	Synchronous RPM	**3600 & 3000 r/min**
Service Factor	**1.15 & 1.15**	Frame	**184JP**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**88.5 & 87.1 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**12.4/6.2 & 9.6/4.8 A**
Power Factor	**86**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**A**
KVA Code	**K**	Drive End Bearing Size	**6307**
Opp Drive End Bearing Size	**6205**	UL	**Listed**
CSA	**Y**	CE	**Y**
IP Code	**43**	Number of Speeds	**1**
Hazardous Location	**DIVISION 2 T2B**		

Technical Specifications

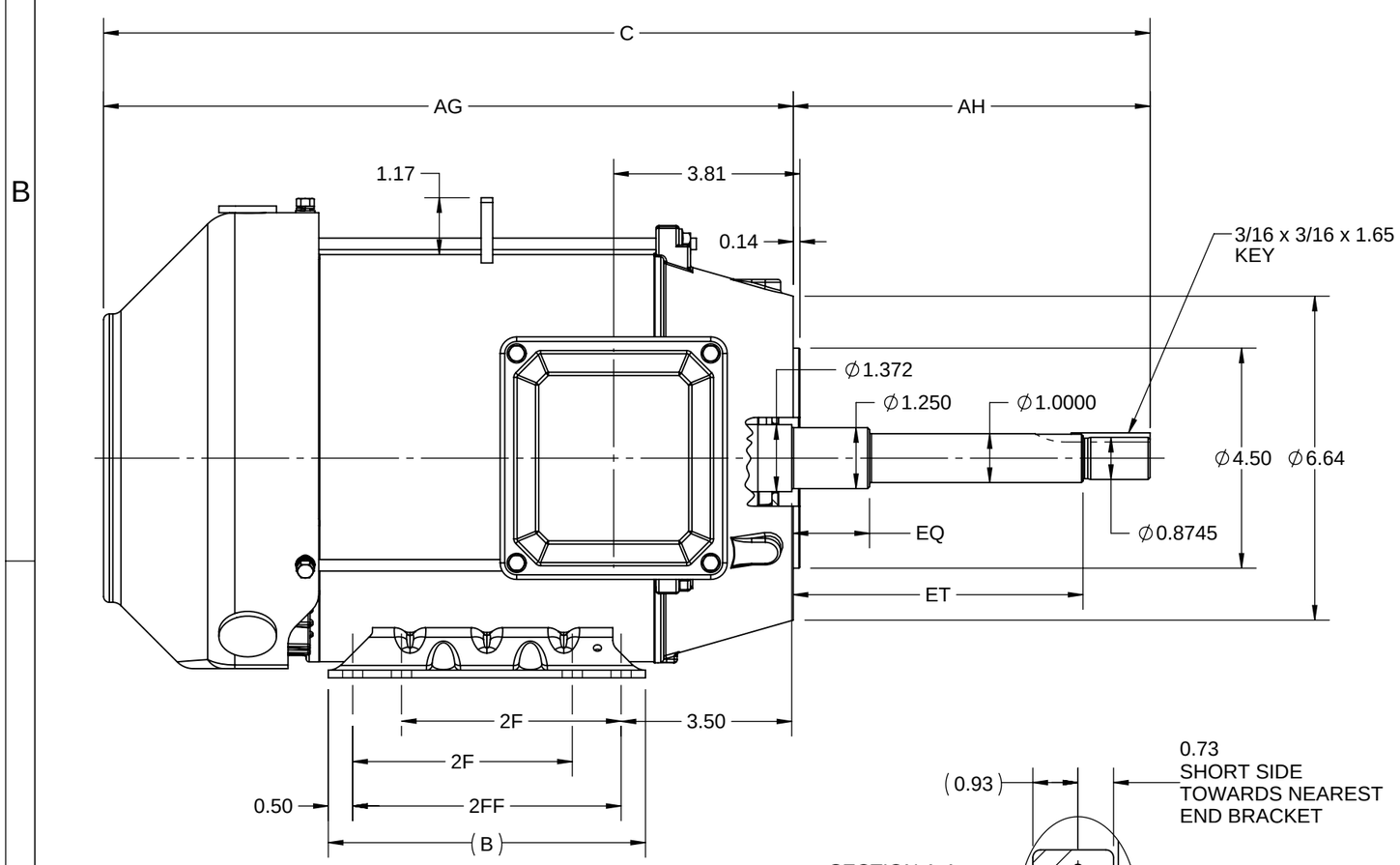
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**2**	Rotation	**Reversible**
Resistance Main	**3.44 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**JP**	Shaft Diameter	**1.25 in**
Assembly/Box Mounting	**F1/F2 Capable**	Inverter Load	**Constant 2:1/Variable 10:1**

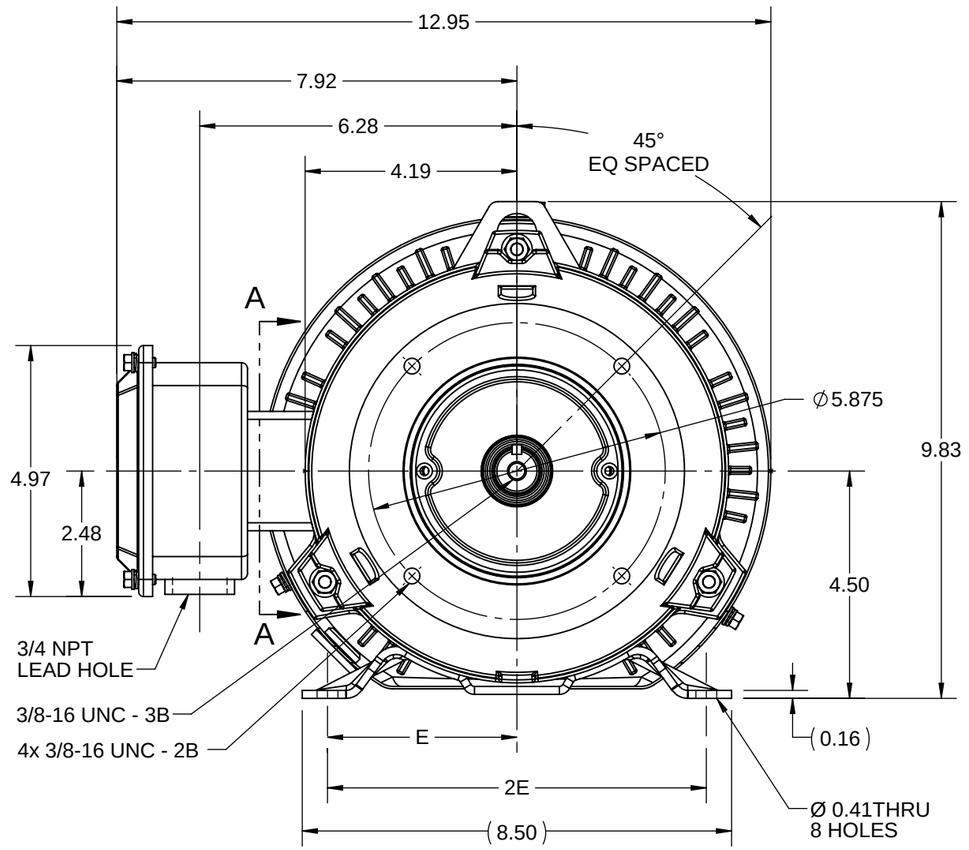
Drawings

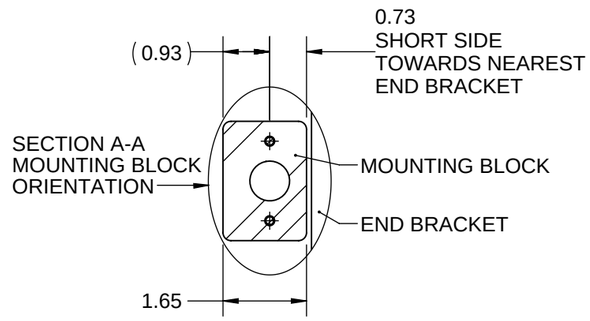
Connection Drawing	**EE7308**	Outline Drawing	**SS600203-200**

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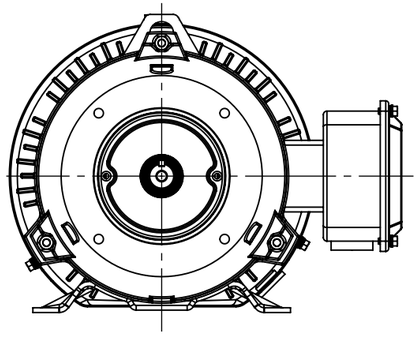
DASH NO.	B	C	E	2E	2F	2FF	AG	AH	EQ	ET	MOUNTING	FRAME
100	6.50	20.44	3.75	7.50	4.50	5.50	13.12	7.31	1.56	5.93	F1 OR F2	182JP
200		21.44					14.12					184JP







F2 VIEW



DRAWING REVISION	REVISION BY	REV DATE/© DATE
D	SB	05/21/2026
REQUEST NUMBER	APPROVED BY	DATE
CR-0026353	RMS	05/21/2026

REQUEST NUMBER DESCRIPTION
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DATE	18/04/2018
APPROVED BY	SBD
DATE	18/04/2018
REFERENCE	

marathon™

DESCRIPTION
OUTLINE
NEMA 182/184JP FR TEFC RS

MATERIAL | PROCESS/FINISH

THIRD ANGLE PROJECTION

SIZE	DRAWING NUMBER	SHEET
B	SS600203	1 OF 1

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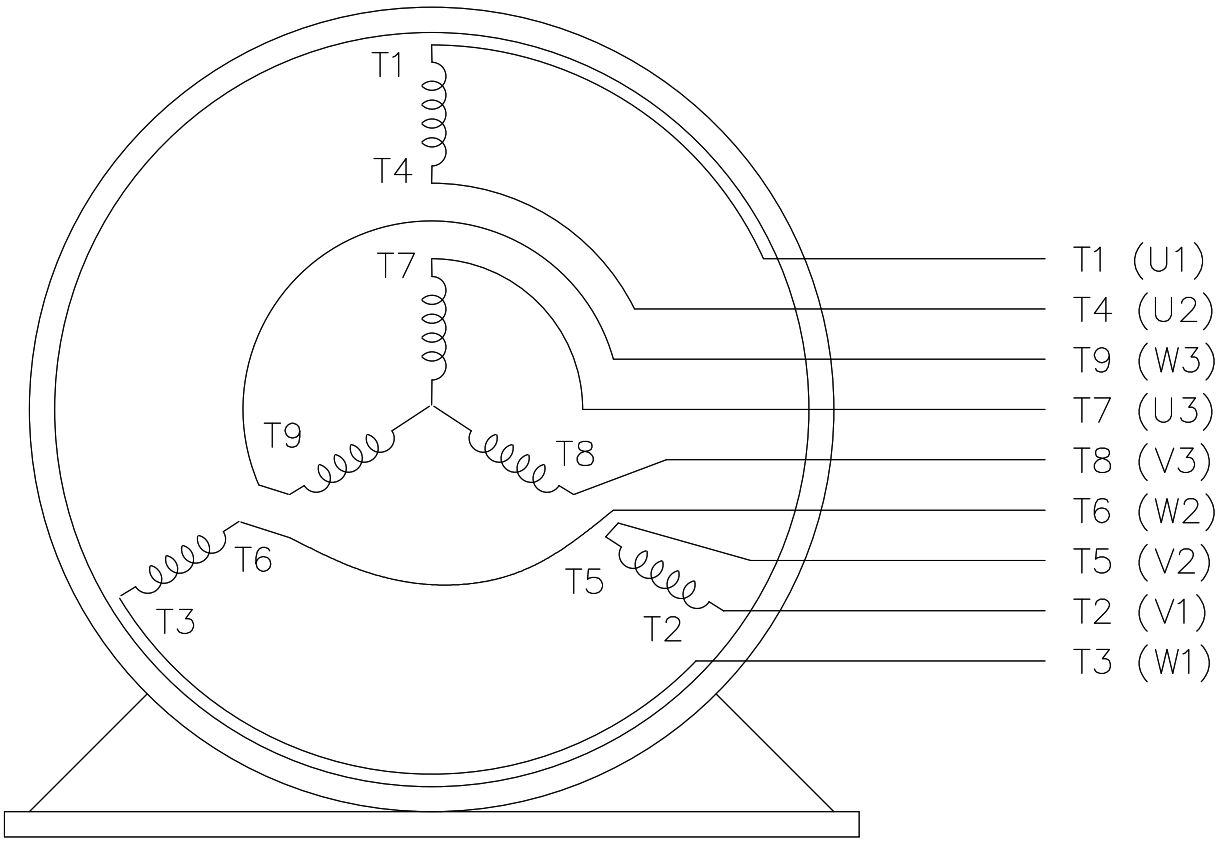
THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE

(U1) T1 — L1
(V1) T2 — L2
(W1) T3 — L3
(U2) T4
(U3) T7
(V2) T5
(V3) T8
(W2) T6
(W3) T9

LOW VOLTAGE

(U1) T1
(U3) T7 — L1
(V1) T2
(V3) T8 — L2
(W1) T3
(W3) T9 — L3
(U2) T4
(V2) T5
(W2) T6



VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD CONNECTION

L1 — WHITE
L2 — RED
L3 — BLACK

DRAWING REVISION	REVISION BY	REV DATE/ © DATE
J	SB	08/01/2025
REQUEST NUMBER	APPROVED BY	DATE
CR-0023654	SBD	08/01/2025

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DRAWN BY	RM
DATE	11/20/1990
APPROVED BY	SAS
DATE	04/24/2003
REFERENCE	
THIRD ANGLE PROJECTION	

marathon™

DESCRIPTION
CONN DIAGRAM-EXTERNAL
3Ø - DUAL VOLTAGE MOTOR

MATERIAL	PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
A	4 of 4 EE7308	1 OF 1