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Close-Coupled Pump Motors

Model No: 182TTFBD6082
Catalog No: GT3105A

Close-Coupled Pump Motor, 1.50 & 1 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 RPM, 182JM Frame, TEFC

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Product Information Packet: Model No: 182TTFBD6082, Catalog No: GT3105A Close-Coupled Pump Motor, 1.50 & 1 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 RPM, 182JM Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**1.50 & 1 Hp**
Output KW	**1.1 & 0.75 kW**	Voltage	**230/460 & 190/380 V**
Speed	**1175 & 980 r/min**	Synchronous RPM	**1200 & 1000 r/min**
Service Factor	**1.15 & 1.15**	Frame	**182JM**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**87.5 & 82.5 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**4.6/2.3 & 4.5/2.25 A**
Power Factor	**70**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**A**
KVA Code	**N**	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

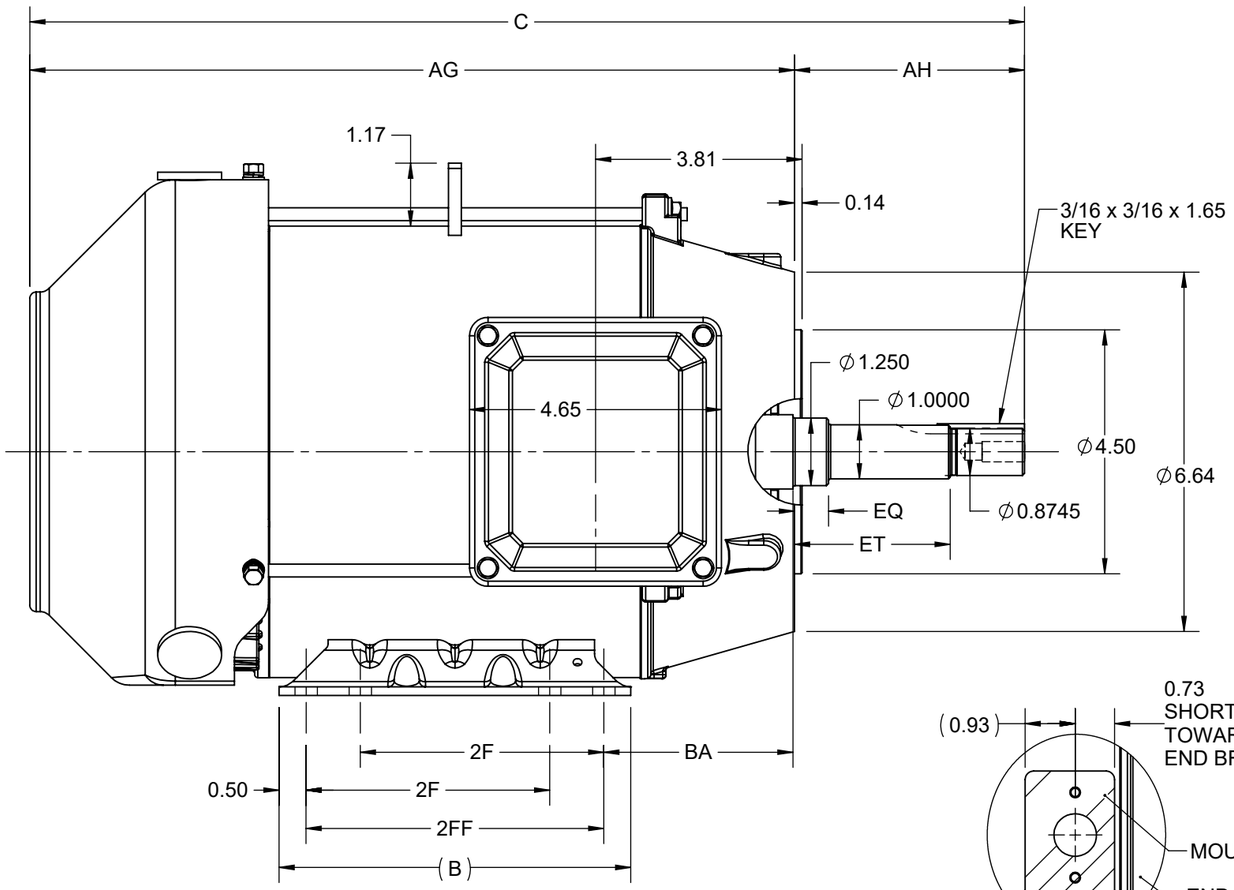
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**6**	Rotation	**Reversible**
Resistance Main	**6.995 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**JM**	Shaft Diameter	**1.25 in**
Assembly/Box Mounting	**F1/F2 Capable**	Inverter Load	**Constant 10:1/Variable 10:1**

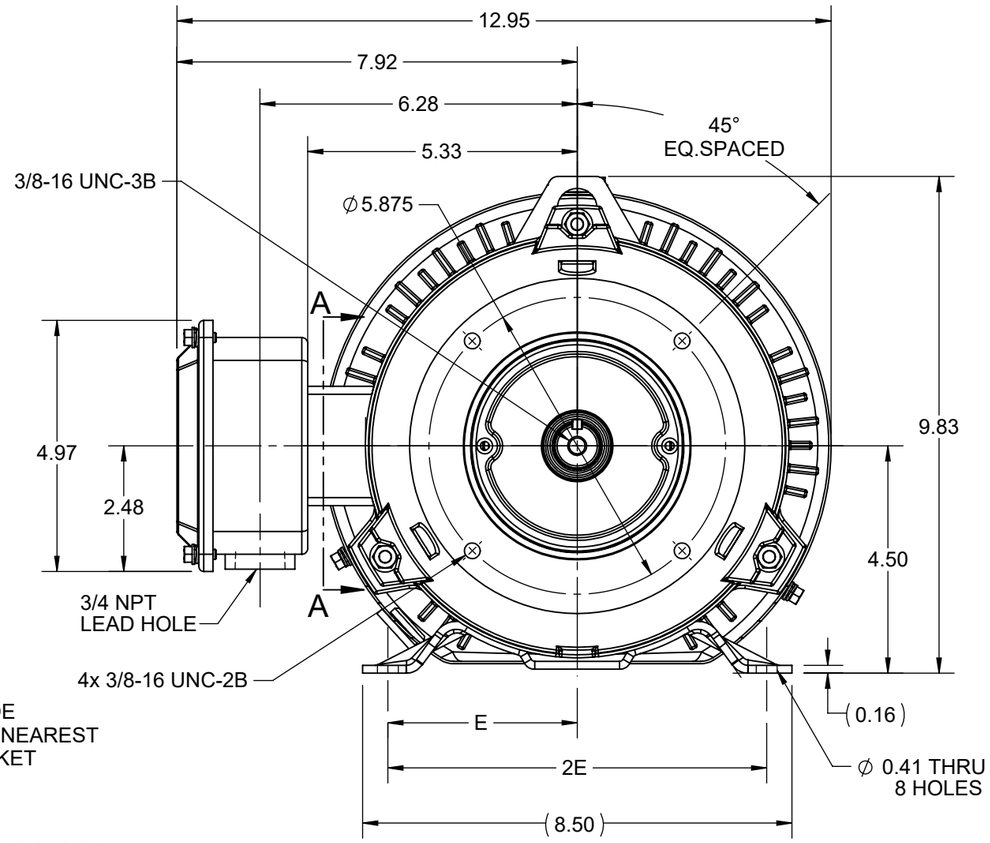
Drawings

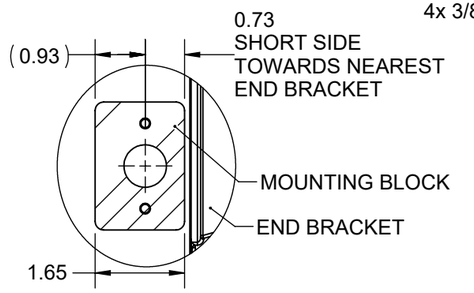
Connection Drawing	**EE7308**	Outline Drawing	**SS600202-100**

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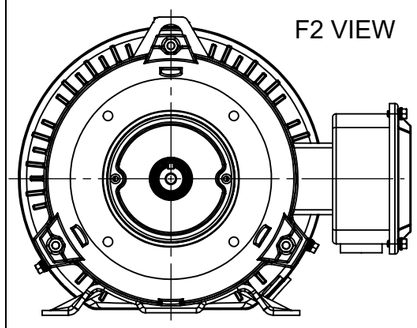
DASH NO.	B	C	E	2E	2F	2FF	AG	AH	BA	EQ	ET	MOUNTING	FRAME
100	6.50	17.37	3.75	7.50	4.50	5.50	13.12	4.25	3.50	0.62	2.87	F1 OR F2	182JM
200		18.37					14.12						184JM







SECTION A-A
MOUNTING BLOCK
ORIENTATION



DRAWING REVISION: E	REVISION BY: SB	REV DATE/© DATE: 08/12/2025
REQUEST NUMBER: CR-0023556	APPROVED BY: SBD	DATE: 08/12/2025
REQUEST NUMBER DESCRIPTION: DRAWING TITLE BLOCK UPDATED		

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DRAWN BY: PRIYA	
DATE: 08/03/2018	
APPROVED BY: SBD	DESCRIPTION: OUTLINE 182/184JM FR-NEMA-TEFC-RS
DATE: 08/03/2018	
REFERENCE	MATERIAL / PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: B / DRAWING NUMBER: SS600202 / SHEET: 1 OF 1

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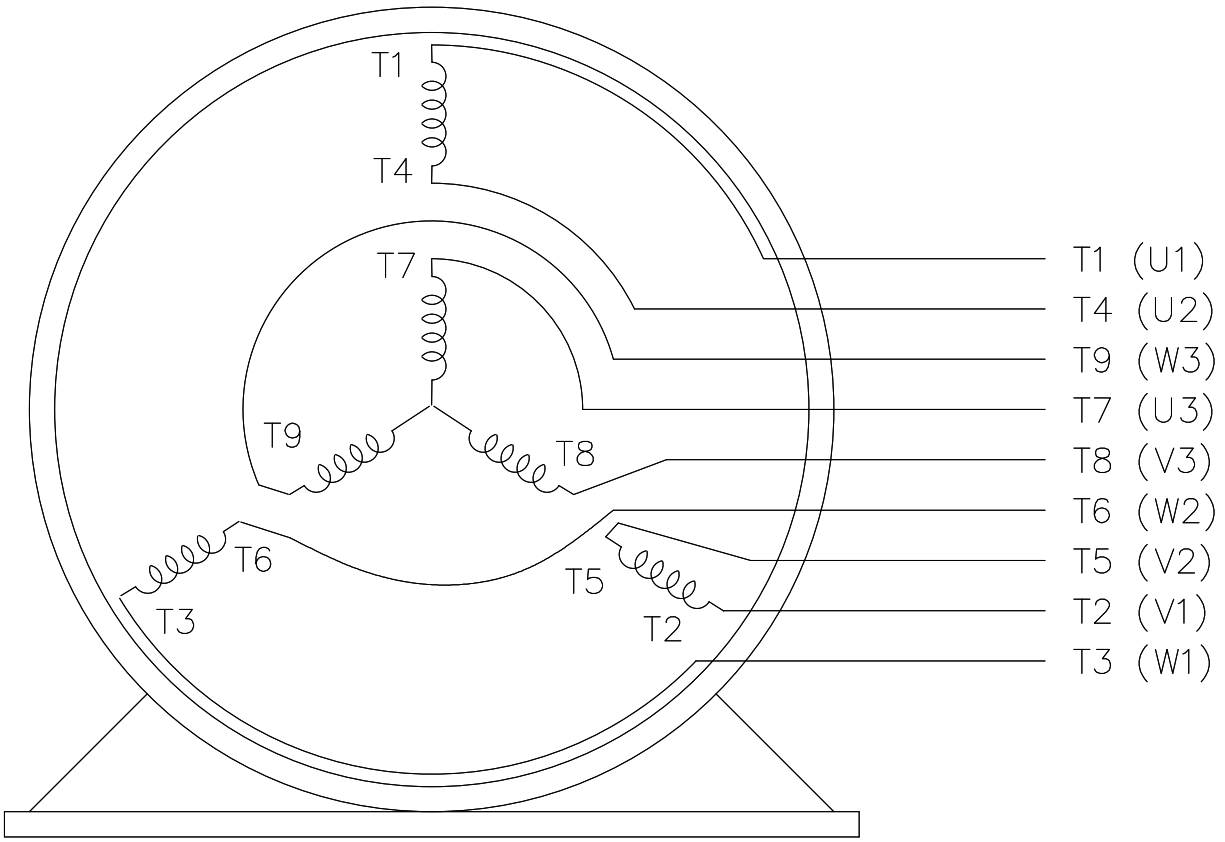
THREE PHASE
DUAL VOLTAGE MOTOR

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

REQUEST NUMBER DESCRIPTION
DRAWING TITLE BLOCK UPDATED

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

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DESCRIPTION
CONN DIAGRAM-EXTERNAL
3Ø - DUAL VOLTAGE MOTOR

MATERIAL	PROCESS/FINISH

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