

Close-Coupled Pump Motors

Model No: 182TTFBD6013

Catalog No: GT3509A

Close-Coupled Pump Motor, 3 HP, 3 Ph, 60 Hz, 575 V, 3600 RPM, 182JP Frame, TEFC

Product Information Packet: Model No: 182TTFBD6013, Catalog No: GT3509A Close-Coupled Pump Motor, 3 HP, 3 Ph, 60 Hz, 575 V, 3600 RPM, 182JP Frame, TEFC

Nameplate Specifications

Phase	3	Output HP	3 Hp
Output KW	2.2 kW	Voltage	575 V
Speed	3530 r/min	Synchronous RPM	3600 r/min
Service Factor	1.15	Frame	182JP
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection
Efficiency	86.5 %	Ambient Temperature	40 °C
Frequency	60 Hz	Current	3.2 A
Power Factor	82	Duty	Continuous
Insulation Class	F	Design Code	A
KVA Code	L	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		

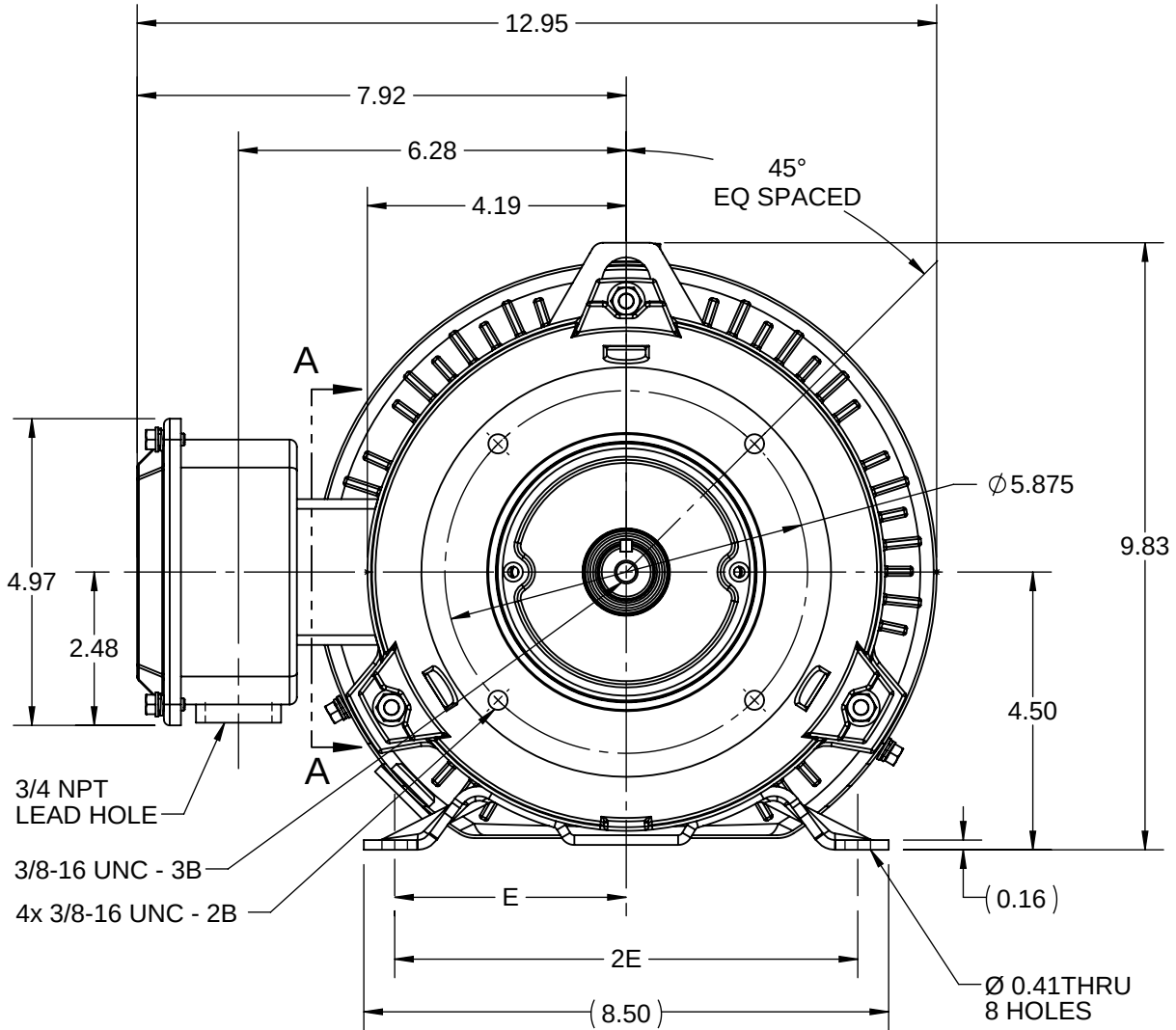
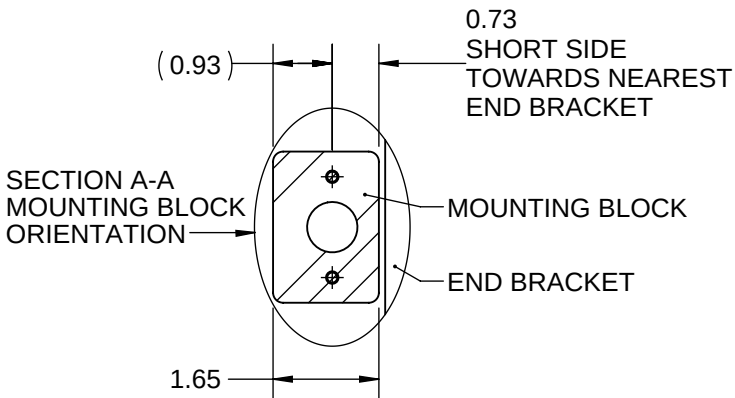
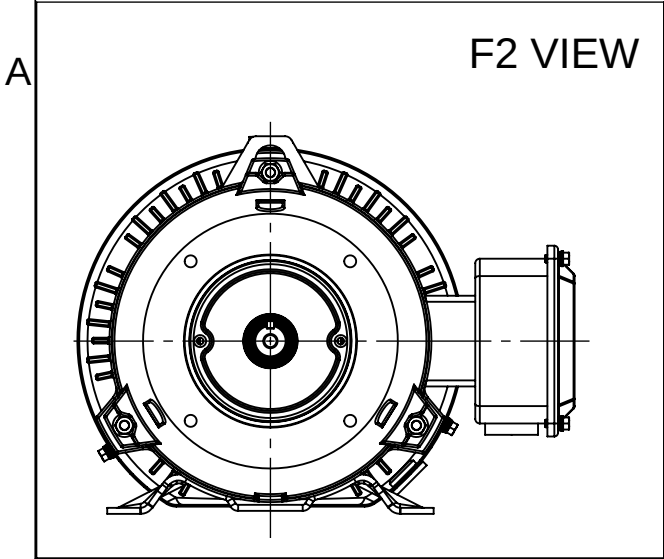
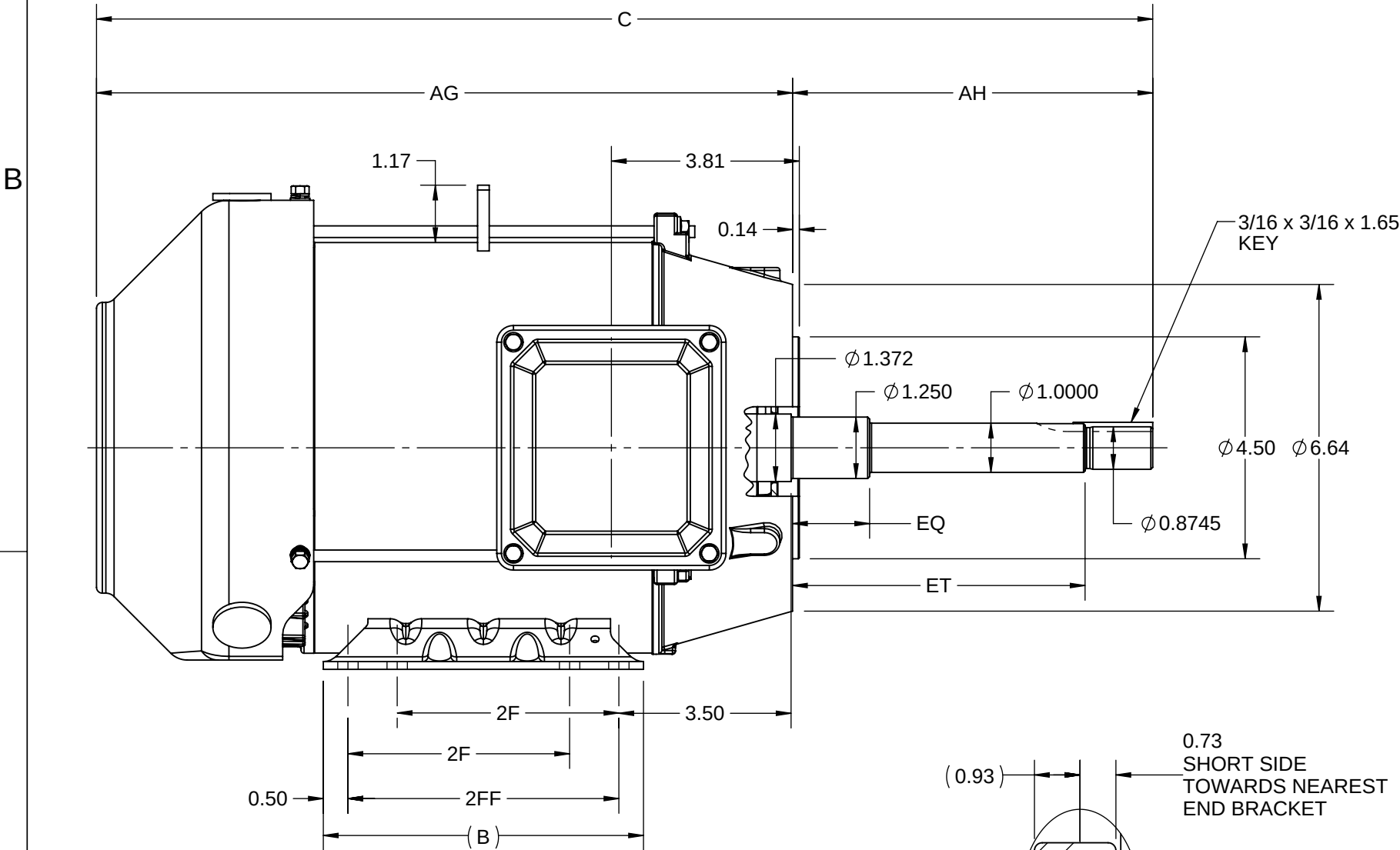
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	5.35 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 10:1/Variable 10:1

Drawings

Connection Drawing	EE7300	Outline Drawing	SS600203-100
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4				3						2		1
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



DRAWING REVISION D	REVISION BY SB	REV DATE/© DATE 05/21/2026
REQUEST NUMBER CR-0026353	APPROVED BY RMS	DATE 05/21/2026
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED		
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DRAWN BY MSH		marathon™			
DATE 18/04/2018					
APPROVED BY SBD		DESCRIPTION OUTLINE NEMA 182/184JP FR TEFC RS			
DATE 18/04/2018					
REFERENCE		MATERIAL	PROCESS/FINISH		
THIRD ANGLE PROJECTION		SIZE		DRAWING NUMBER	SHEET
		B		SS600203	1 OF 1

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

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

TERMINAL BLOCK WHEN SPECIFIED

IF MOTOR HAS 9 LEADS

T1(U1) T1(U1) T1(U1) → L1

T2(V1) T2(V1) T2(V1) → L2

T3(W1) T3(W1) T3(W1) → L3

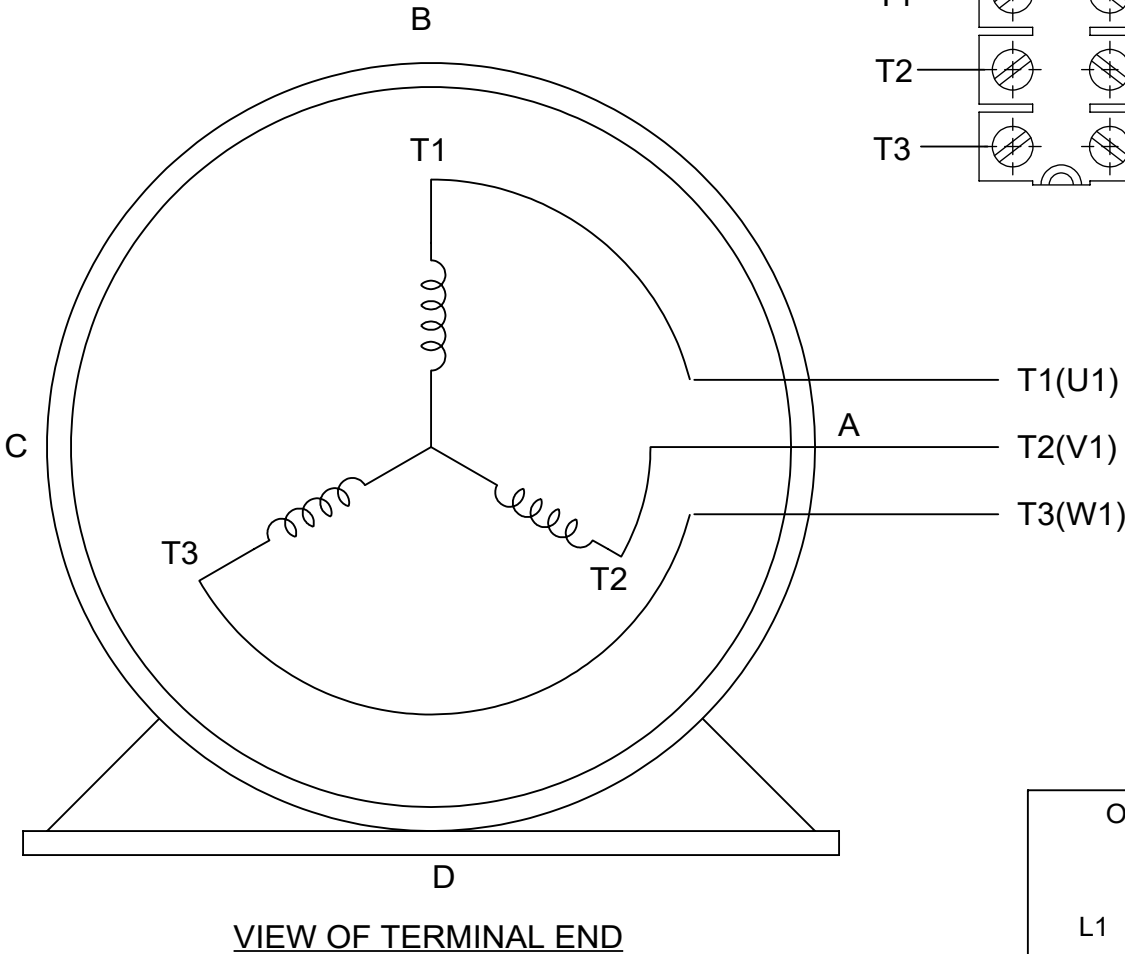
IF MOTOR HAS 6 LEADS

T1(U1) T1(U1) → L1

T2(V1) T2(V1) → L2

T3(W1) T3(W1) → L3

A-9806 DECAL



OPTIONAL CORD CONNECTION	
L1	WHITE
L2	RED
L3	BLACK

DRAWING REVISION AD	REVISION BY SB	REV DATE/© DATE 08/01/2025
REQUEST NUMBER CR-0023654	APPROVED BY SBD	DATE 08/01/2025
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DRAWN BY DA	DATE 03-26-1993
APPROVED BY TB	
DATE 03-26-1993	REFERENCE
THIRD ANGLE PROJECTION	

marathon™		
DESCRIPTION CONNECTION DIAGRAM EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR		
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7300	SHEET 1 OF 1