

Close-Coupled Pump Motors

Model No: 182TTDBD6038

Catalog No: GT2510A

Close-Coupled Pump Motor, 3 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 182JP Frame, DP

Product Information Packet: Model No: 182TTDBD6038, Catalog No: GT2510A Close-Coupled Pump Motor, 3 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 182JP Frame, DP

Nameplate Specifications

Phase	3	Output HP	3 Hp
Output KW	2.2 kW	Voltage	575 V
Speed	1770 r/min	Synchronous RPM	1800 r/min
Service Factor	1.15	Frame	182JP
Enclosure	Drip Proof	Thermal Protection	No Protection
Efficiency	89.5 %	Ambient Temperature	40 °C
Frequency	60 Hz	Current	3.2 A
Power Factor	77.5	Duty	Continuous
Insulation Class	F	Design Code	A
KVA Code	L	Drive End Bearing Size	6307
Opp Drive End Bearing Size	6205	UL	Recognized
CSA	Y	CE	Y
IP Code	22	Number of Speeds	1

Technical Specifications

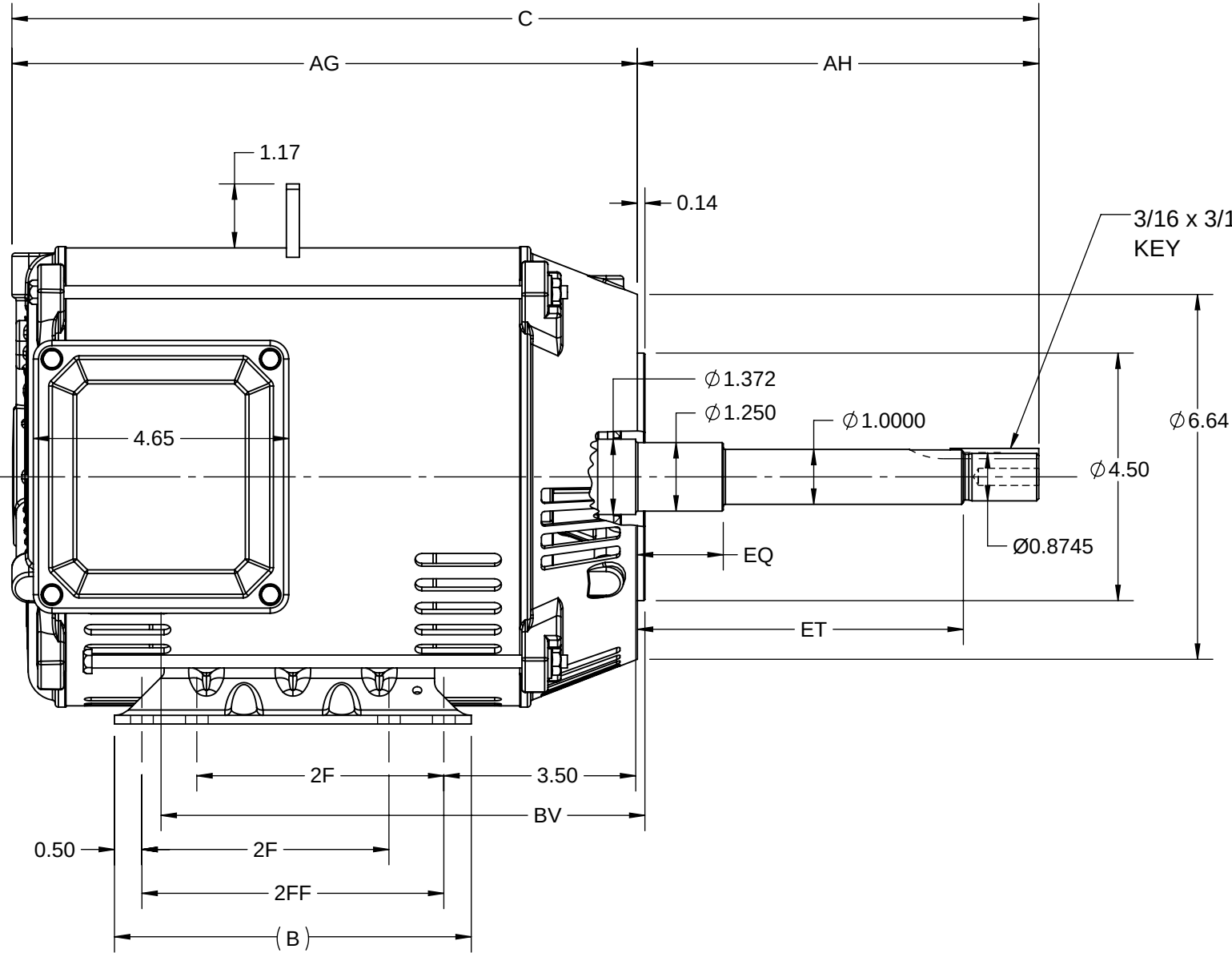
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	4.12 O	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JP	Shaft Diameter	0.874 in
Assembly/Box Mounting	F1/F2 Capable	Inverter Load	Constant 2:1/Variable 10:1

Drawings

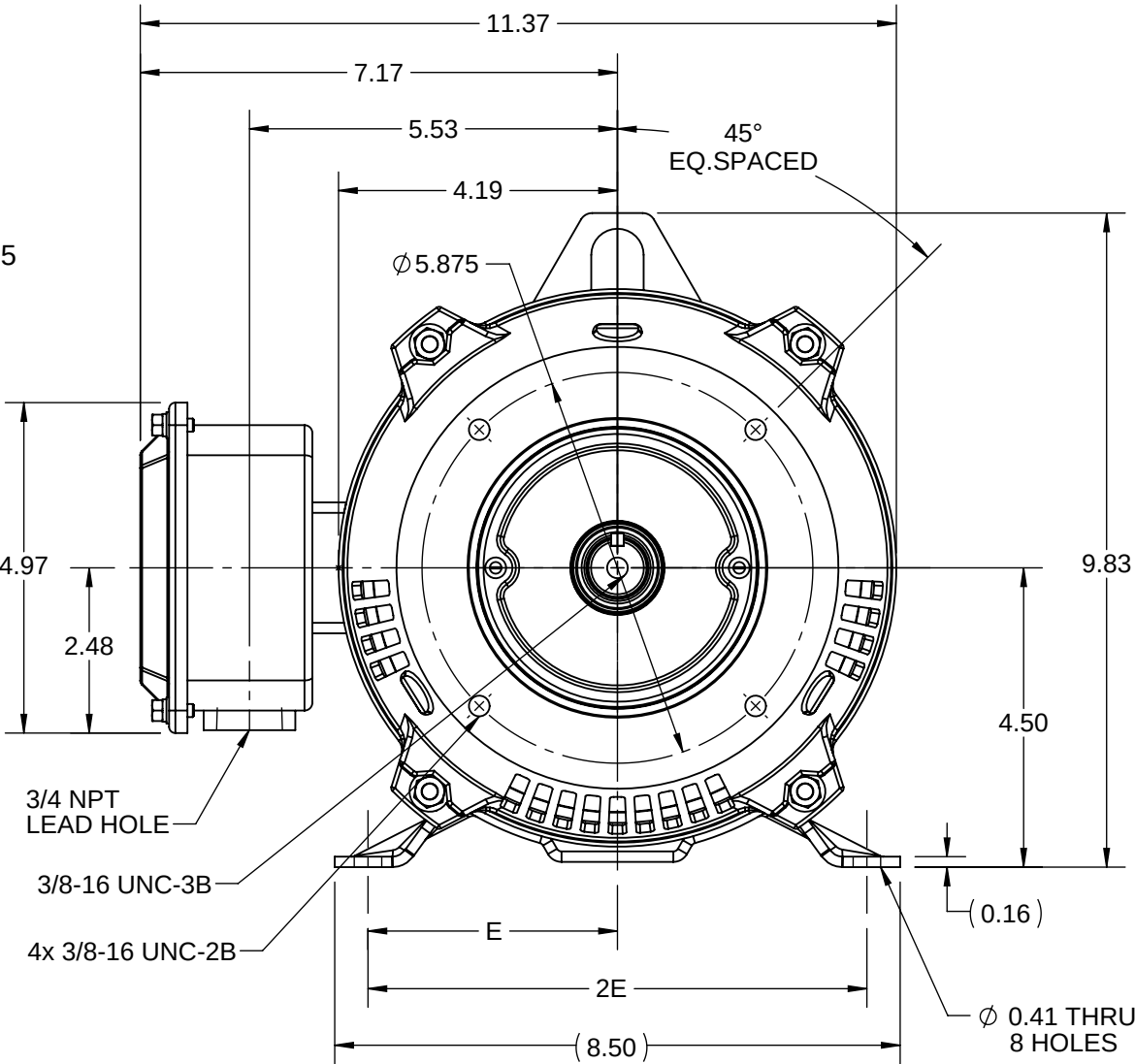
Connection Drawing	EE7300	Outline Drawing	SS600205-100
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4				3						2			1	
DASH NO.	B	C	E	2E	2F	2FF	AG	AH	BV	EQ	ET	MOUNTING	FRAME	
100	6.50	17.70	3.75	7.50	4.50	5.50	10.39	7.31	8.81	1.56	5.93	F1 OR F2	182JP	
200		18.70					11.39						184JP	

B

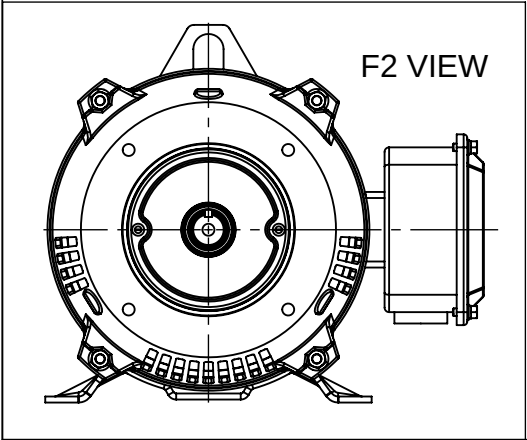


B



A

A



4

3

2

1

DRAWING REVISION C	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 182/184JP FR-NEMA-ODP-RS		
DATE 18/04/2018			
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER SS600205	SHEET 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

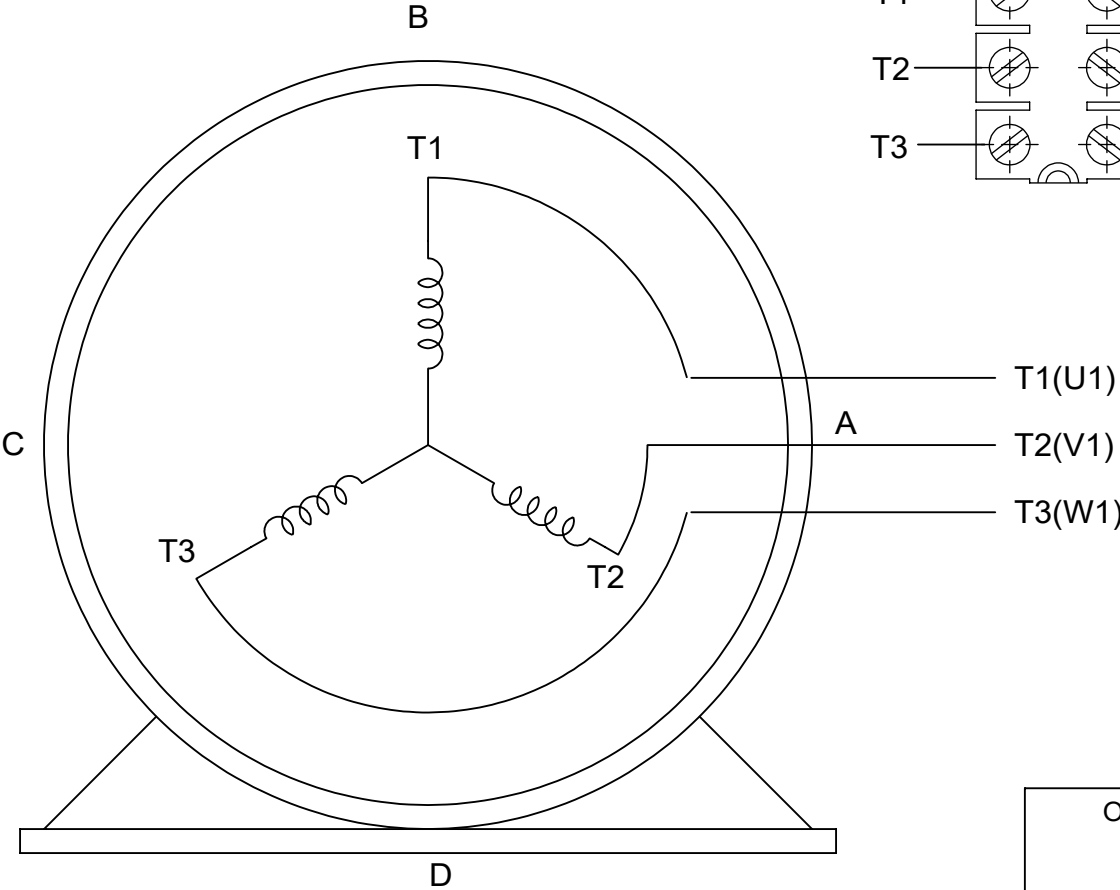
IF MOTOR HAS 6 LEADS

T1(U1) T1(U1) → L1

T2(V1) T2(V1) → L2

T3(W1) T3(W1) → L3

A-9806 DECAL



VIEW OF TERMINAL END

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

