marathon®

Close-Coupled Pump Motors

Model No: 213TTFBD6038
Catalog No: GT3516A

Close-Coupled Pump Motor, 7.50 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 213JP Frame, TEFC

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Product Information Packet: Model No: 213TTFBD6038, Catalog No: GT3516A Close-Coupled Pump Motor, 7.50 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 213JP Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**7.50 Hp**
Output KW	**5.6 kW**	Voltage	**575 V**
Speed	**1768 r/min**	Synchronous RPM	**1800 r/min**
Service Factor	**1.15**	Frame	**213JP**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**91.7 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**7.6 A**
Power Factor	**79.3**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**H**	Drive End Bearing Size	**6309**
Opp Drive End Bearing Size	**6206**	UL	**Listed**
CSA	**Y**	CE	**Y**
IP Code	**43**	Number of Speeds	**1**
Hazardous Location	**DIVISION 2 T2B**		

Technical Specifications

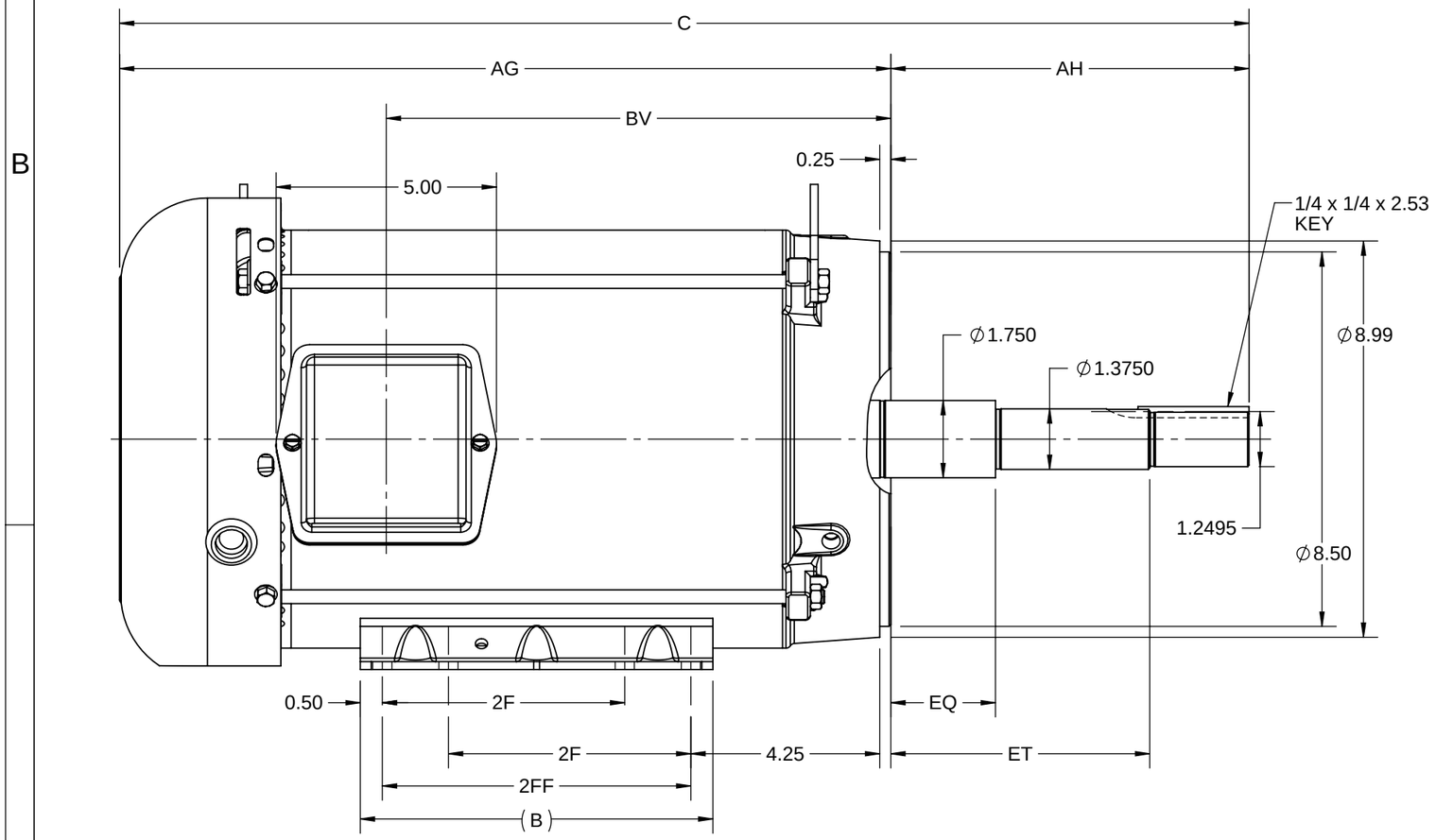
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**1.473 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**JP**	Overall Length	**24.01 in**
Frame Length	**9.65 in**	Shaft Diameter	**1.25 in**
Shaft Extension	**8.39 in**	Assembly/Box Mounting	**F1/F2 Capable**
Inverter Load	**Constant 10:1/Variable 10:1**		

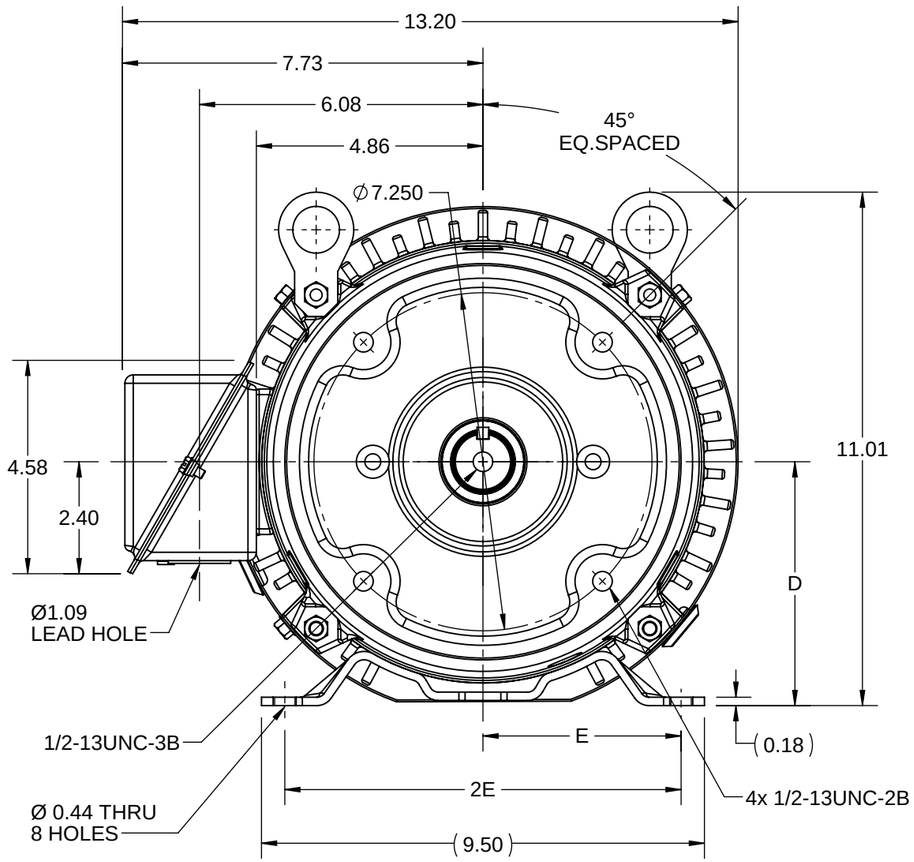
Drawings

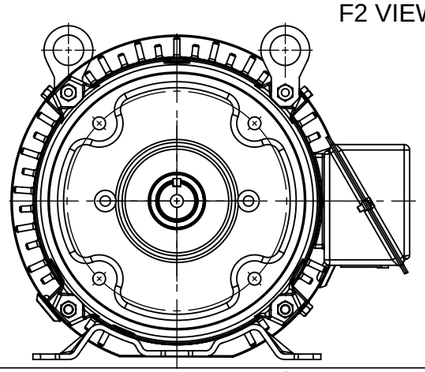
Connection Drawing	**EE7300**	Outline Drawing	**SS620827-100**

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DASH NO.	B	C	D	E	2E	2F	2FF	AG	AH	BV	EQ	ET	MOUNTING	FRAME
100	8.00	24.13	5.25	4.25	8.50	5.50	7.00	16.00	8.13	9.95	2.37	5.87	F1 OR F2	213JP
200		25.63						17.50		11.45				215JP







DRAWING REVISION: G	REVISION BY: SV	REV DATE/© DATE: 06/01/2026
REQUEST NUMBER: CR-0026504	APPROVED BY: RMS	DATE: 06/01/2026
REQUEST NUMBER DESCRIPTION: DRAWING TITLE BLOCK UPDATED		

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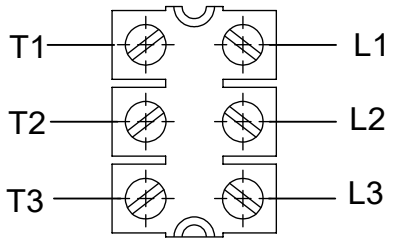
PRIMARY DIMENSIONS ARE INCH
mm DIMENSIONS IN [BRACKETS]
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DRAWN BY: ZHY	marathon™	
DATE: 13-04-2017		
APPROVED BY:	DESCRIPTION: OUTLINE 213/215JP FR NEMA TEFC RS	
DATE:		
REFERENCE:	MATERIAL:	PROCESS/FINISH:
THIRD ANGLE PROJECTION	SIZE: B / DRAWING NUMBER: SS620827	SHEET: 1 OF 1

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

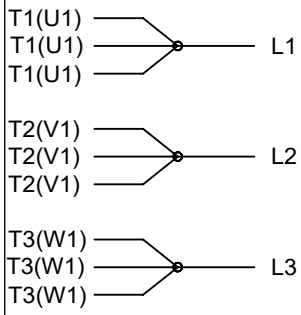
TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

TERMINAL BLOCK WHEN SPECIFIED

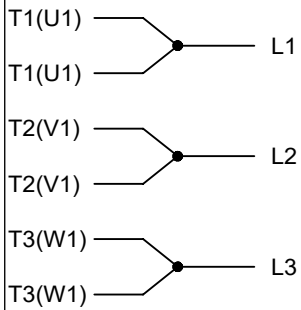


VIEW OF TERMINAL END

IF MOTOR HAS
9 LEADS



IF MOTOR HAS
6 LEADS



A-9806 DECAL

OPTIONAL CORD
CONNECTION

L1	WHITE
L2	RED
L3	BLACK

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

REQUEST NUMBER DESCRIPTION
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DRAWN BY: DA	
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

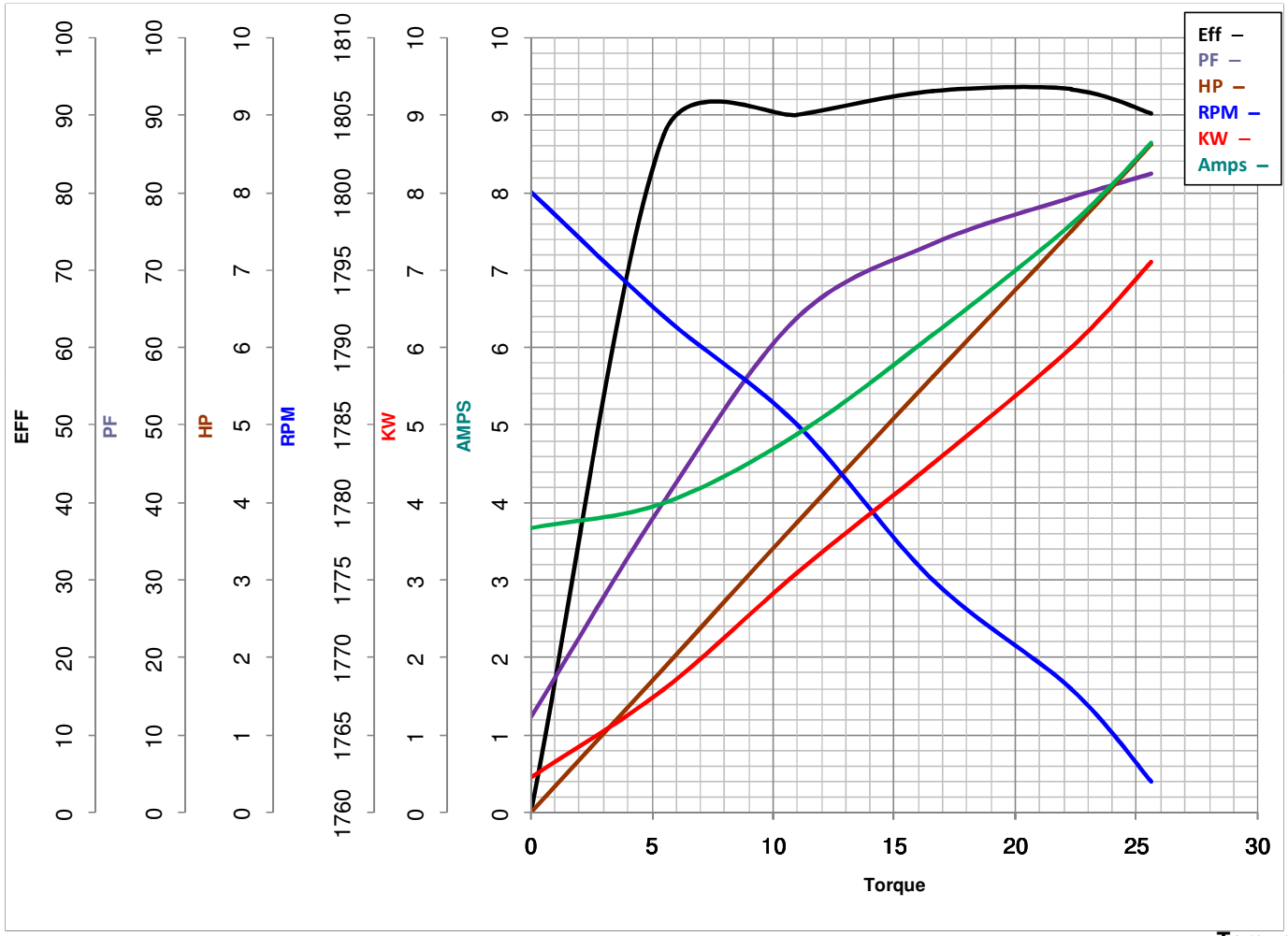
SIZE	DRAWING NUMBER	SHEET
A	EE7300	1 OF 1

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MARATHON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer		**Curve at**	575	**Volts**	**HP** 7.50	**PHASE**	3
			60	**HZ**			
Model No 213TTFBD6038			7.5	**HP**	**VOLTS** 575		
Catalog No GT3516A					**HZ** 60	**RPM**	1768



Torque in Lb.Ft

FL TORQUE	22.3	**Lb.Ft**	**FL AMPS**	7.6	
BD TORQUE	59.0	**Lb.Ft**	**PU TORQUE**	38.0	**Lb.Ft**
LR TORQUE	45	**Lb.Ft**	**LR AMPS**	49.6	
WINDING	HE31324012-3	**Prepared By**	ANUSHA M	**Date**	5/4/2018