

Close-Coupled Pump Motors

Model No: 213TTFBD6037

Catalog No: GT3416A

Close-Coupled Pump Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 213JP
Frame, TEFC

Product Information Packet: Model No: 213TTFBD6037, Catalog No: GT3416A Close-Coupled Pump Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 213JP Frame, TEFC

Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 190/380 V
Speed	1768 & 1475 r/min	Synchronous RPM	1800 & 1500 r/min
Service Factor	1.15 & 1.15	Frame	213JP
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection
Efficiency	91.7 & 90.2 %	Ambient Temperature	40 °C
Frequency	60 & 50 Hz	Current	19/9.5 & 16.2/8.1 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		

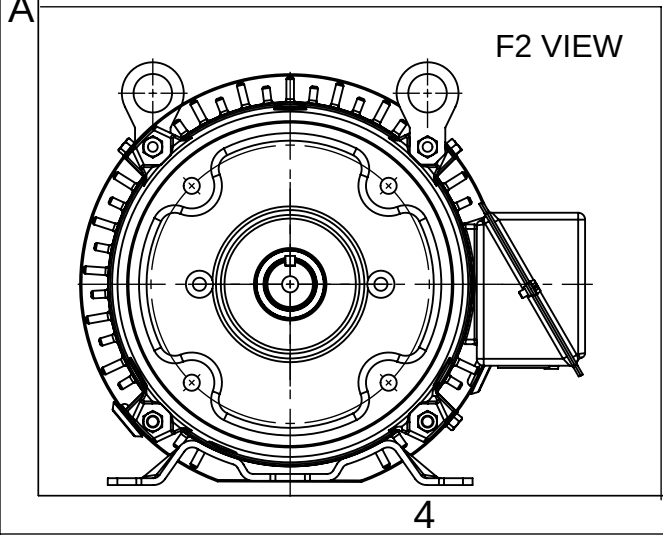
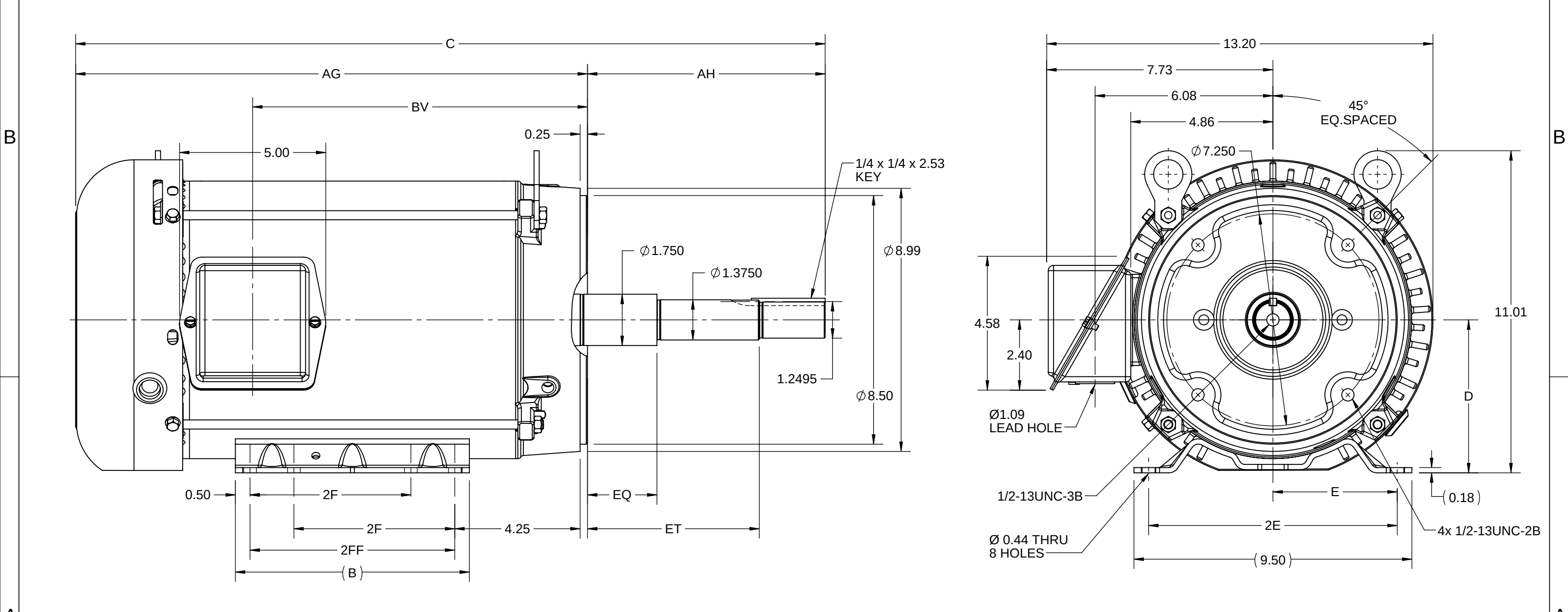
Technical Specifications

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	EE7308	Outline Drawing	SS620827-100
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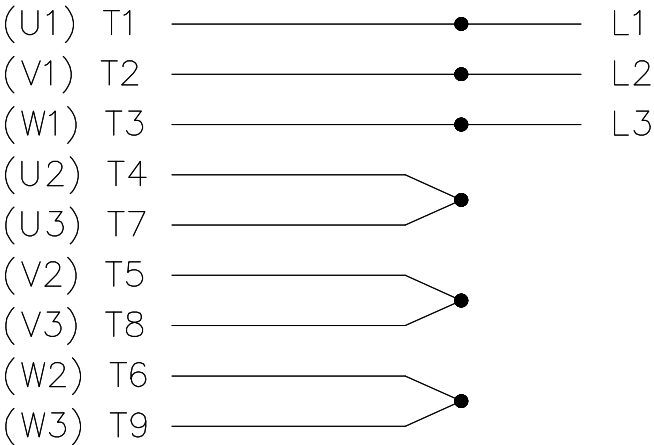
4				3						2				1	
DASH NO.	B	C	D	E	2E	2F	2FF	AG	AH	BV	EQ	ET	MOUNTING	FRAME	
100	8.00	24.13	5.25	4.25	8.50	5.50	7.00	16.00	8.13	9.95	2.37	5.87	F1 OR F2	213JP	
200		25.63						17.50		11.45				215JP	



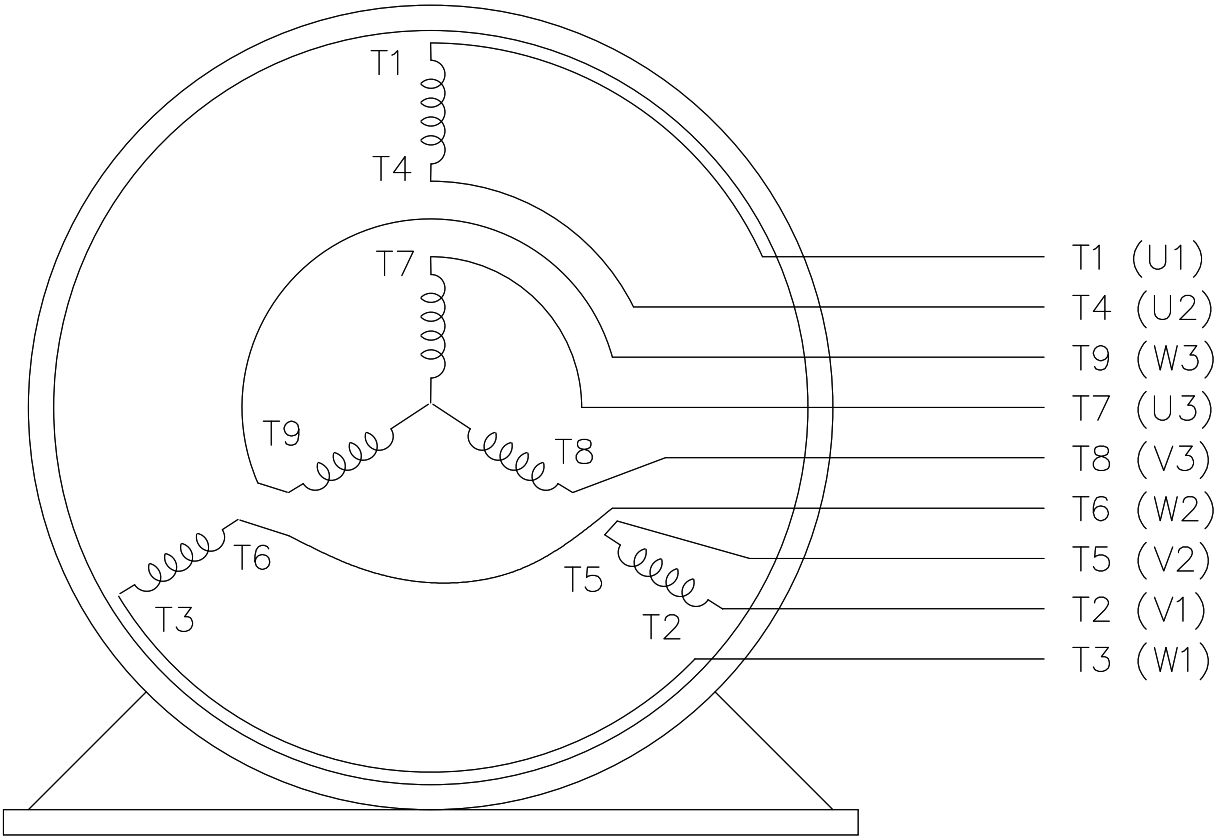
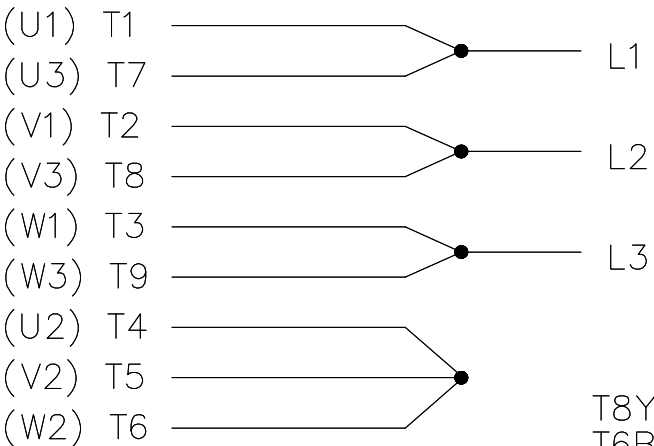
DRAWING REVISION G	REVISION BY SV	REV DATE/© DATE 06/01/2026	PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY ZHY	marathon™		
REQUEST NUMBER CR-0026504	APPROVED BY RMS	DATE 06/01/2026		DATE 13-04-2017			
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED				APPROVED BY	DESCRIPTION OUTLINE 213/215JP FR NEMA TEFC RS		
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				PROCESS/FINISH			
				THIRD ANGLE PROJECTION		SIZE B	DRAWING NUMBER SS620827

THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE



LOW VOLTAGE



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 J	REVISION BY SB	REV DATE/ © DATE 08/01/2025
REQUEST NUMBER CR-0023654	APPROVED BY SBD	DATE 08/01/2025
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED		
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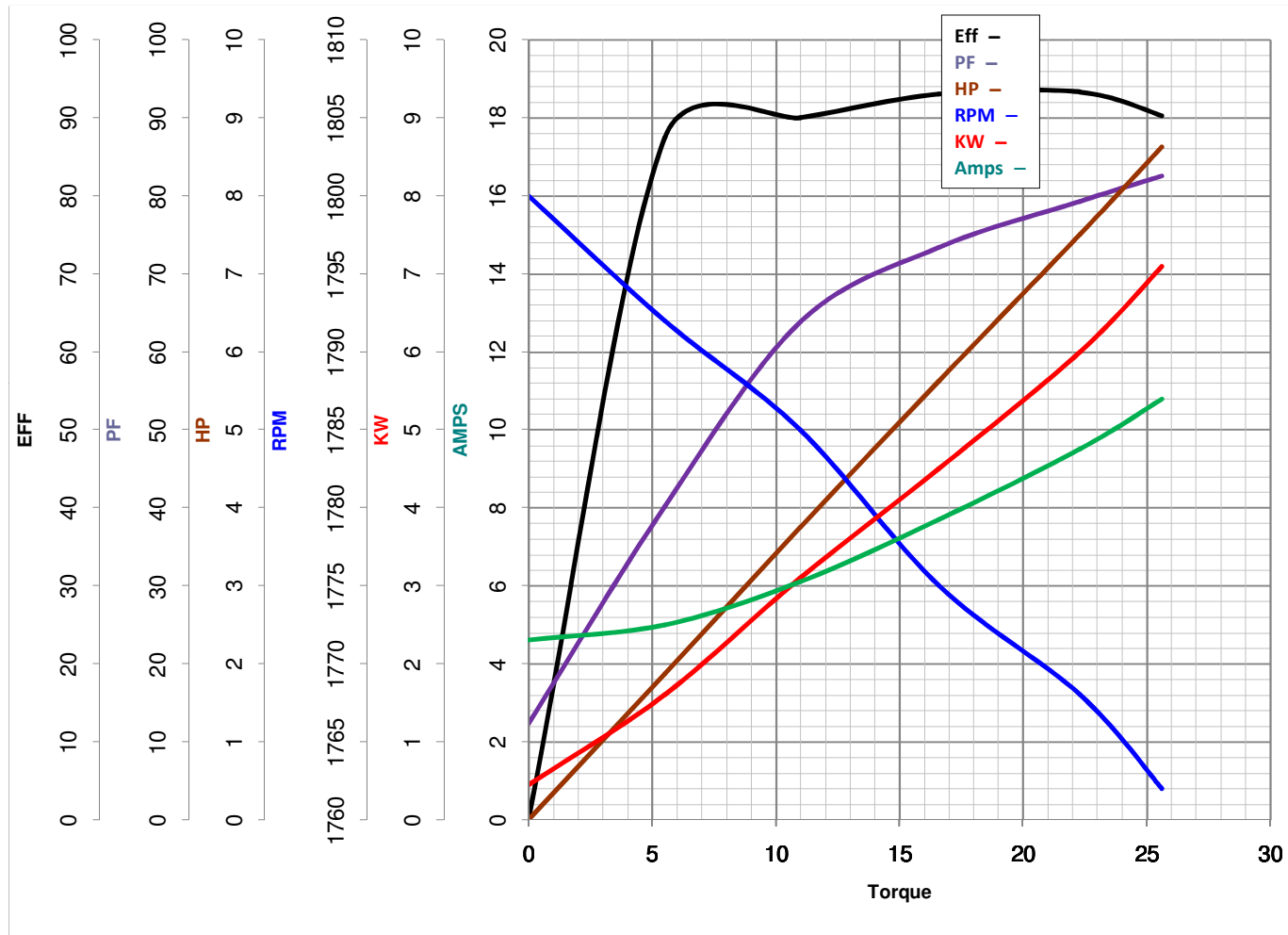
PRIMARY DIMENSIONS ARE INCH
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

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 A	DRAWING NUMBER EE7308	SHEET 1 OF 1
4 of 5		

MARATHON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer**Curve at**460**Volts****HP** 7.5&5**PHASE** 3**Model No** 213TTFBD603760**HZ**7.5**HP****VOLTS** 230/460&190/380**Catalog No** GT3416A**HZ** 60&50**RPM** 1768&1475

Torque in Lb.Ft

FL TORQUE 22.3 Lb.Ft**BD TORQUE** 59.0 Lb.Ft**LR TORQUE** 45 Lb.Ft**FL AMPS** 19/9.5**PU TORQUE** 38.0 Lb.Ft**LR AMPS** 62**WINDING**

HE31324012-2

Prepared By

FAREEDA

Date

5/4/2018