

Close-Coupled Pump Motors

Model No: 254TTFCD6038

Catalog No: GT3522A

Close-Coupled Pump Motor, 15 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 254JP Frame, TEFC

Product Information Packet: Model No: 254TTFC6038, Catalog No: GT3522A Close-Coupled Pump Motor, 15 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 254JP Frame, TEFC

Nameplate Specifications

Phase	3	Output HP	15 Hp
Output KW	11.2 kW	Voltage	575 V
Speed	1770 r/min	Synchronous RPM	1800 r/min
Service Factor	1.15	Frame	254JP
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection
Efficiency	92.4 %	Ambient Temperature	40 °C
Frequency	60 Hz	Current	14.7 A
Power Factor	83	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	G	Drive End Bearing Size	6309
Opp Drive End Bearing Size	6209	UL	Listed
CSA	Y	CE	Y
IP Code	55	Number of Speeds	1
Hazardous Location	DIVISION 2 T2B		

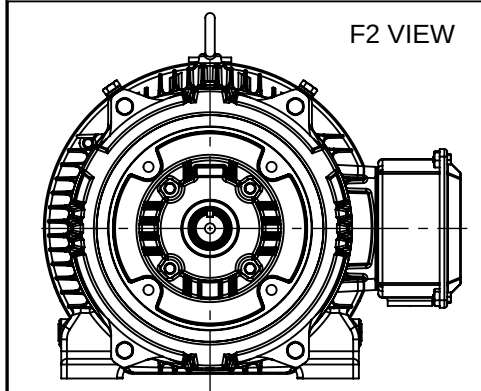
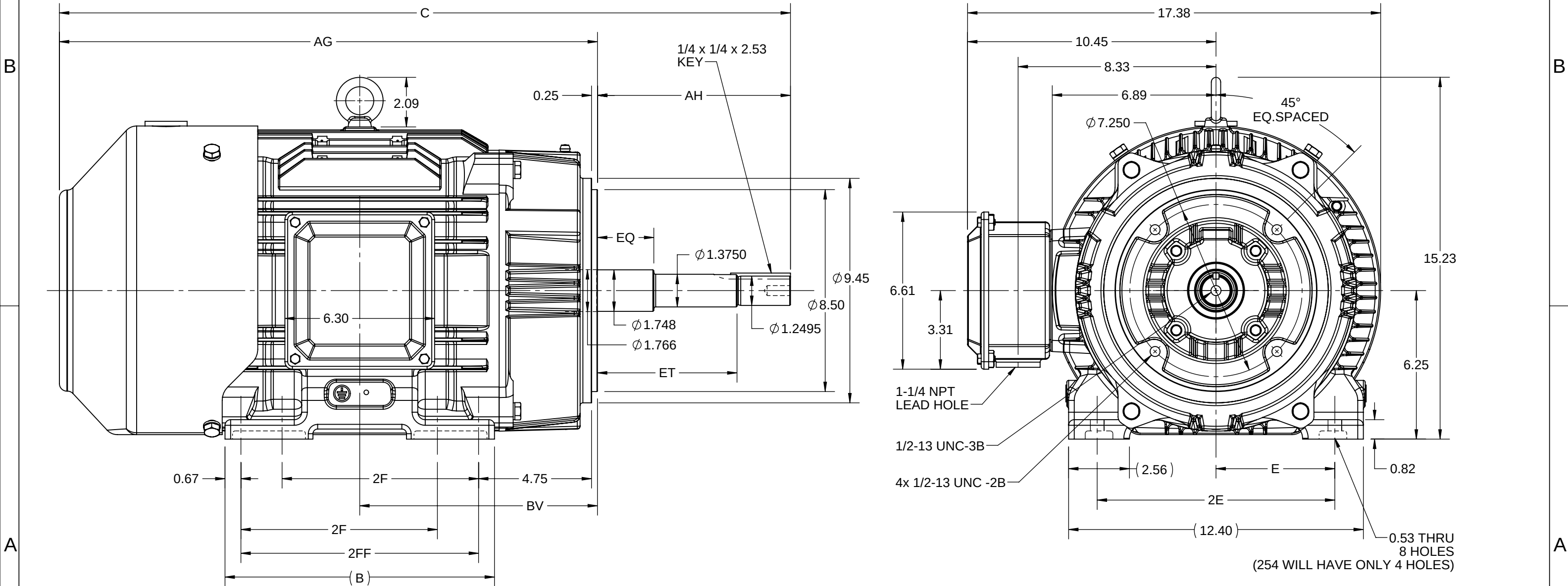
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.713 O	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	JP	Overall Length	29.02 in
Frame Length	10.0 in	Shaft Diameter	1.375 in
Shaft Extension	8.37 in	Assembly/Box Mounting	F1/F2 Capable
Inverter Load	Constant 10:1/Variable 10:1		

Drawings

Connection Drawing	EE7300	Outline Drawing	SS620809-100
--------------------	--------	-----------------	--------------

4				3				2				1	
DASH NO.	B	C	E	2E	2F	2FF	AG	AH	BV	EQ	ET	MOUNTING	FRAME
100	9.60	29.03	5.00	10.00	---	8.50	20.91	8.121	9.14	2.37	5.87	F1 OR F2	254JP
200	11.34	30.76			8.50	10.00	22.64		10.00				254/256JP



DRAWING REVISION D		REVISION BY SB		REV DATE/© DATE 05/28/2026		PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY SN		marathon™				
REQUEST NUMBER CR-0026424		APPROVED BY RMS		DATE 05/28/2026			DATE 12/04/2017						
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED							APPROVED BY SBD		DESCRIPTION OUTLINE 254/256 JP FR NEMA TEFC-CAST IRON				
COPYRIGHT (PER REVISION DATE) MARATHON ELECTRIC, LLC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF MARATHON ELECTRIC, LLC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.							DATE 12/04/2017						
							REFERENCE		MATERIAL		PROCESS/FINISH		
							THIRD ANGLE PROJECTION			SIZE B	DRAWING NUMBER SS620809		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)

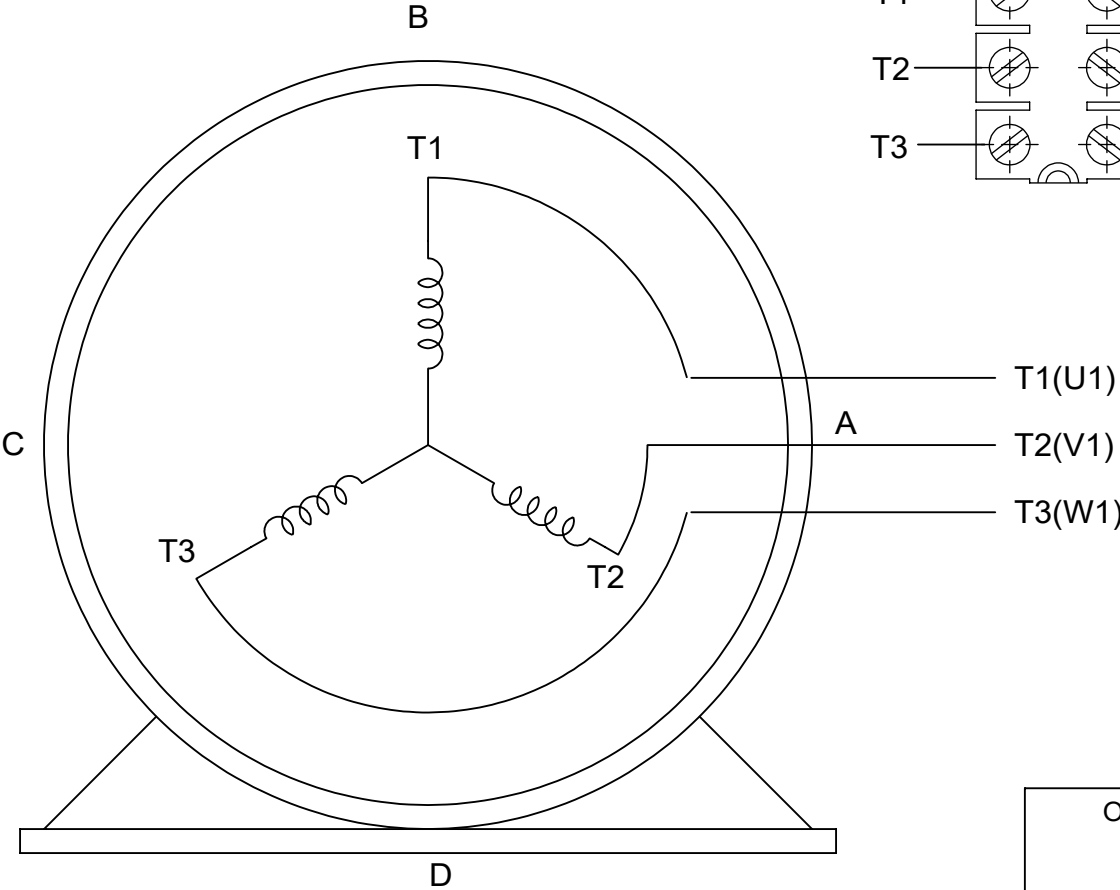
L2

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
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED		
COPYRIGHT (PER REVISION DATE) MARATHON ELECTRIC, LLC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF MARATHON ELECTRIC, LLC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.		

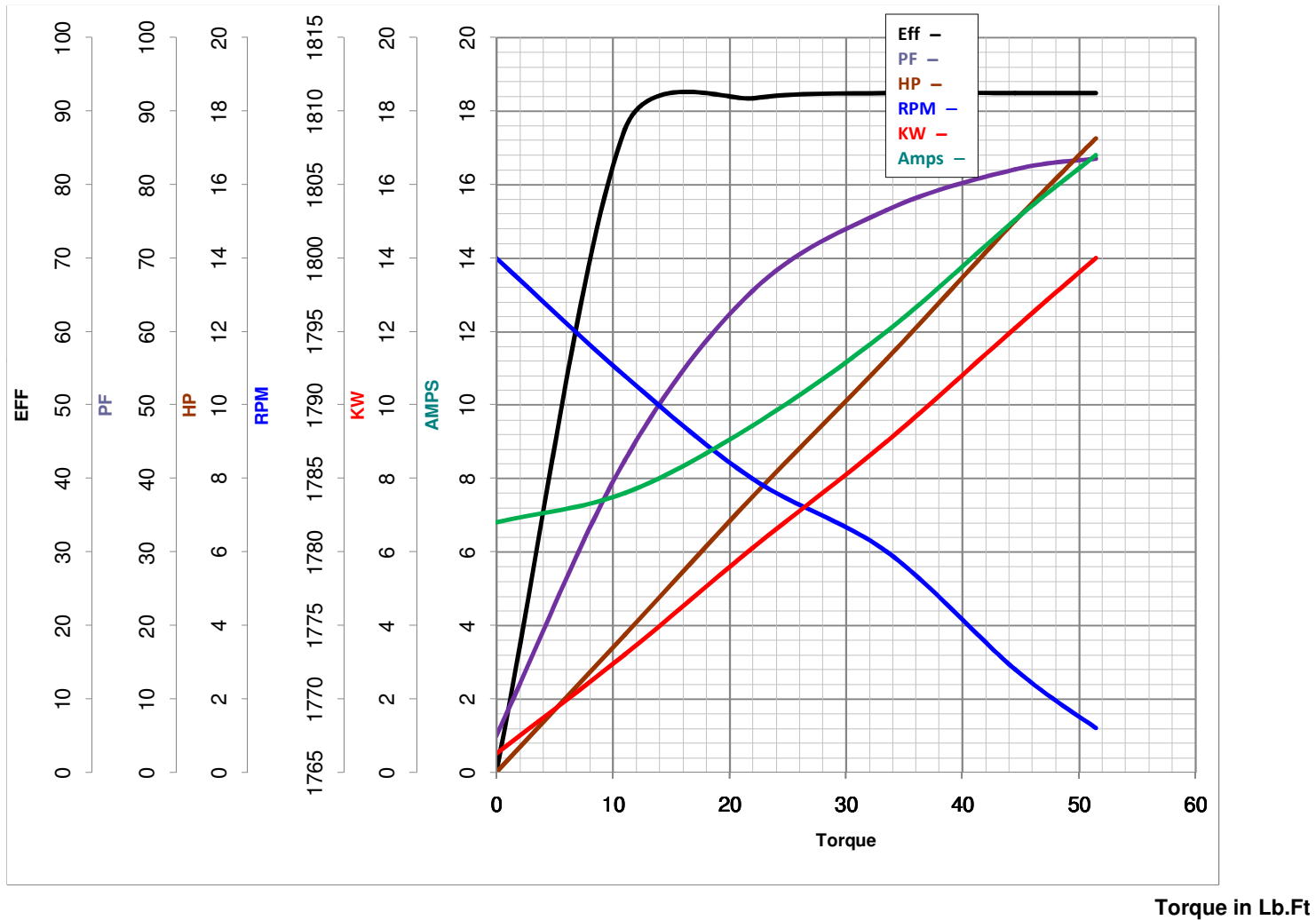
PRIMARY DIMENSIONS ARE INCH
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

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

MARATHON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer**Curve at**575**Volts****HP** 15.00**PHASE** 3**Model No** 254TTFCD603860**HZ****VOLTS** 57515**HP****Catalog No** GT3522A**HZ** 60**RPM** 1772**FL TORQUE** 44.5 Lb.Ft**BD TORQUE** 118.0 Lb.Ft**LR TORQUE** 91 Lb.Ft**FL AMPS** 15.1**PU TORQUE** 76.5 Lb.Ft**LR AMPS** 90.4**WINDING** HE31604011-4**Prepared By**

FAREEDA

Date

5/4/2018