marathon®

Severe Duty Motors

Model No: 213THTCD19005
Catalog No: W531A

Severe Duty Motor, 7.50 HP, 3 Ph, 60 Hz, 575 V, 3600 RPM, 213T Frame, TENV

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Product Information Packet: Model No: 213THTCD19005, Catalog No: W531A Severe Duty Motor, 7.50 HP, 3 Ph, 60 Hz, 575 V, 3600 RPM, 213T Frame, TENV

Nameplate Specifications

Phase	**3**	Output HP	**7.50 Hp**
Output KW	**5.6 kW**	Voltage	**575 V**
Speed	**3526 r/min**	Synchronous RPM	**3600 r/min**
Service Factor	**1.15**	Frame	**213T**
Enclosure	**Totally Enclosed Non Ventilated**	Thermal Protection	**No Protection**
Efficiency	**91.7 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**6.9 A**
Power Factor	**88**	Duty	**Continuous**
Insulation Class	**H**	Design Code	**B**
KVA Code	**H**	Drive End Bearing Size	**6308**
Opp Drive End Bearing Size	**6208**	UL	**Listed**
CSA	**Y**	CE	**Y**
IP Code	**56**	Number of Speeds	**1**
Hazardous Location	**DIVISION 2 T2B**		

Technical Specifications

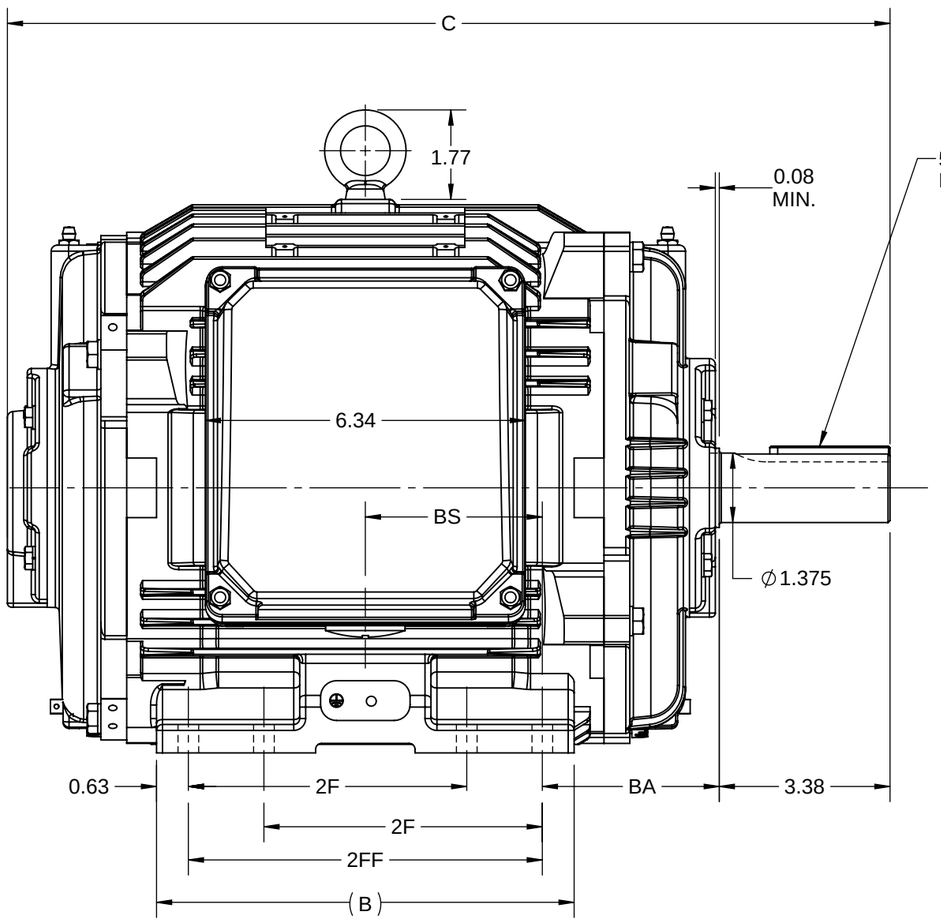
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**2**	Rotation	**Reversible**
Resistance Main	**1.28 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Cast Iron**
Shaft Type	**T**	Shaft Diameter	**1.375 in**
Assembly/Box Mounting	**F1/F2 Capable**	Inverter Load	**Constant 2:1/Variable 10:1**

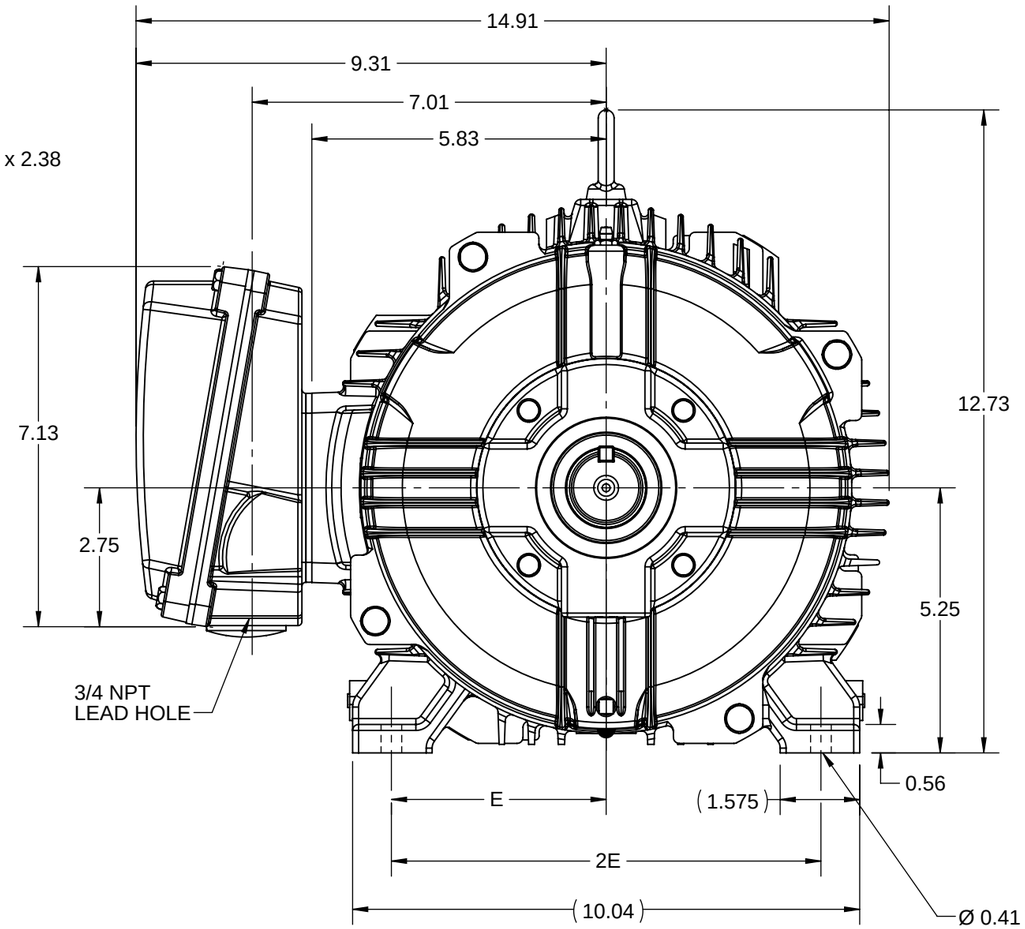
Drawings

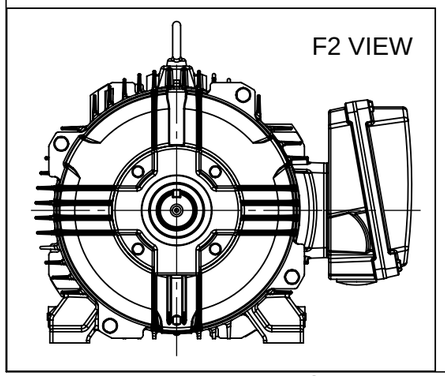
Connection Drawing	**EE7300**	Outline Drawing	**SS810117-200**

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DASH NO.	B	C	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME
100	6.76	15.97	4.25	8.50	---	5.50	3.50	2.75	F1 OR F2	213T
200	8.26	17.47			5.50	7.00		3.50		213/215T







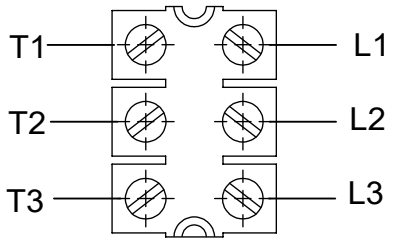
DRAWING REVISION C	REVISION BY SB	REV DATE/© DATE 12/22/2025	PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY SAI	marathon™
REQUEST NUMBER CR-0024964	APPROVED BY RMS	DATE 12/22/2025		DATE 24/01/2020	
REQUEST NUMBER DESCRIPTION: DRAWING TITLE BLOCK UPDATED				APPROVED BY SBD	DESCRIPTION: OUTLINE 213/215T FR NEMA-TEAO/TENV
				DATE 24/01/2020	
				REFERENCE	MATERIAL / PROCESS/FINISH
				THIRD ANGLE PROJECTION	SIZE B / DRAWING NUMBER SS810117 / SHEET 1 OF 1

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

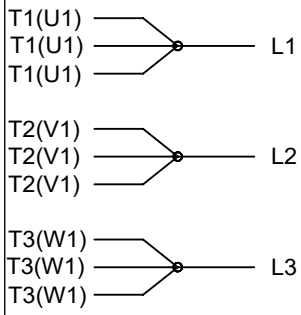
TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

TERMINAL BLOCK WHEN SPECIFIED

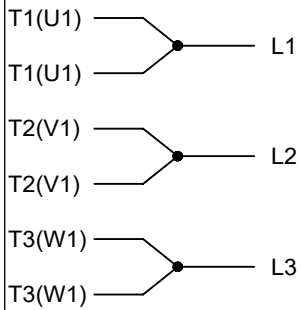


VIEW OF TERMINAL END

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
DRAWING TITLE BLOCK UPDATED

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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	DRAWING NUMBER	SHEET
A	EE7300	1 OF 1