

Severe Duty Motors

Model No: 215THFCD9010

Catalog No: W037-P

Severe Duty Motor, 10 HP, 3 Ph, 60 Hz, 460 V, 3600 RPM, 215TCV Frame, TEFC

Product Information Packet: Model No: 215THFCD9010, Catalog No: W037-P Severe Duty Motor, 10 HP, 3 Ph, 60 Hz, 460 V, 3600 RPM, 215TCV Frame, TEFC

Nameplate Specifications

Phase	3	Output HP	10 Hp
Output KW	7.5 kW	Voltage	460 V
Speed	3518 r/min	Synchronous RPM	3600 r/min
Service Factor	1.15	Frame	215TCV
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection
Efficiency	90.2 %	Ambient Temperature	40 °C
Frequency	60 Hz	Current	11.8 A
Power Factor	88	Duty	Continuous
Insulation Class	H	Design Code	B
KVA Code	H	Drive End Bearing Size	6309
Opp Drive End Bearing Size	6208	UL	Recognized
CSA	Y	CE	Y
IP Code	56	Number of Speeds	1

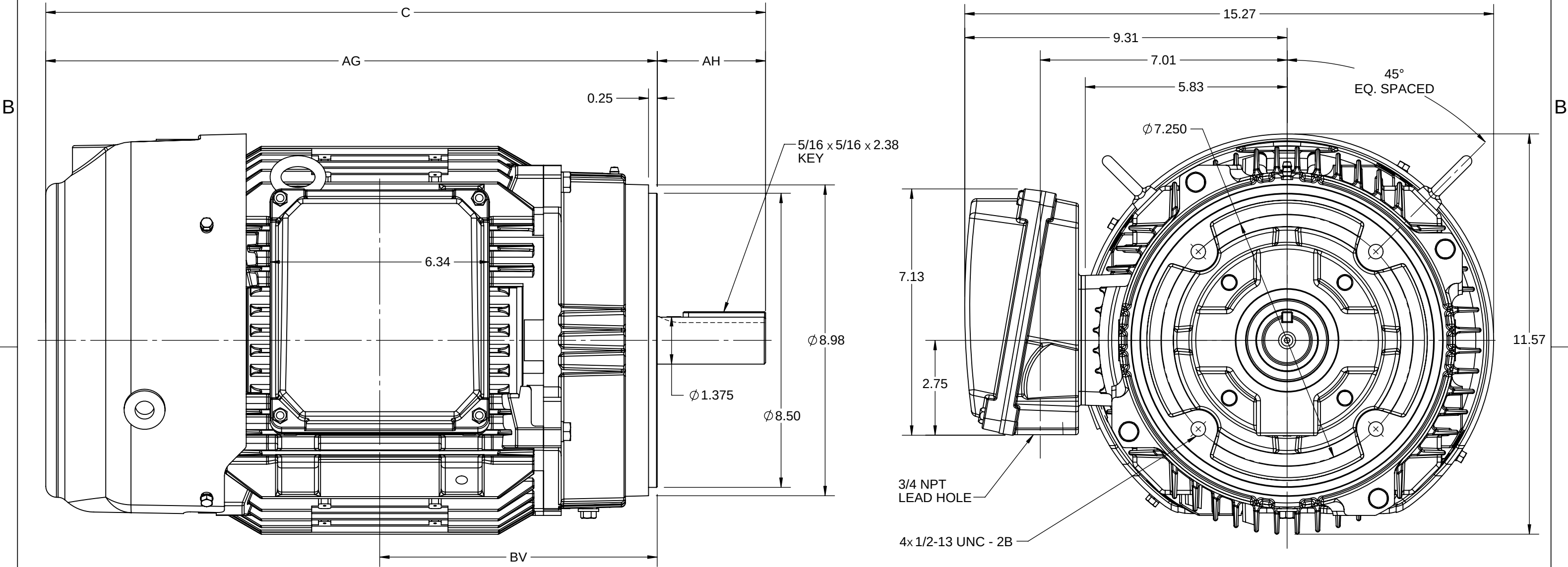
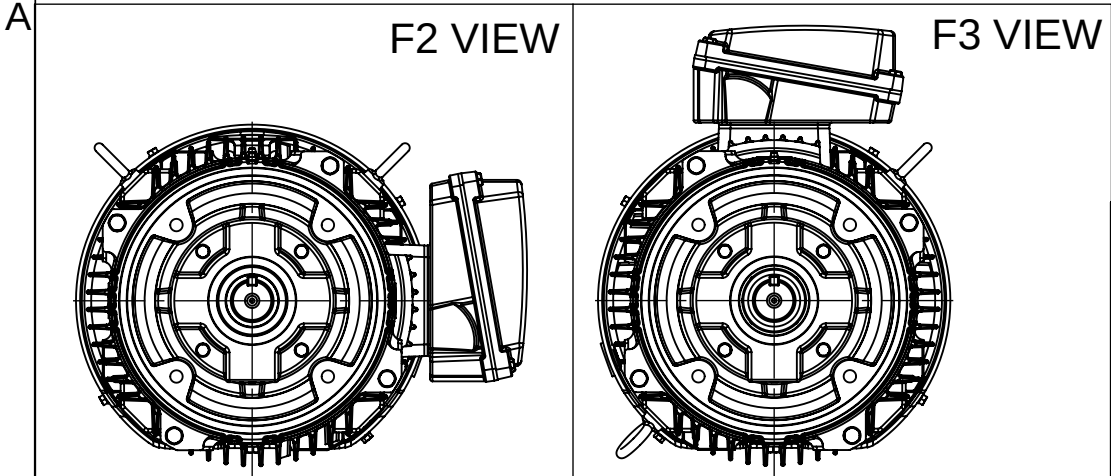
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	1.218 O	Mounting	Round
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 Capable
Inverter Load	Constant 2:1/Variable 10:1		

Drawings

Connection Drawing	EE7300	Outline Drawing	SS621008-200
--------------------	---------------	-----------------	---------------------

4					3		2	1
DASH NO.	C	AG	AH	BV	MOUNTING	FRAME		
100	19.28	16.15	3.12	7.26	F1 OR F2 OR F3	213TC		
200	20.78	17.65		8.00		213/215TC		



DRAWING REVISION E	REVISION BY SB	REV DATE/© DATE 05/20/2026
REQUEST NUMBER CR-0026330	APPROVED BY RMS	DATE 05/20/2026
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 BISWA	marathon™		
DATE 04/02/2020			
APPROVED BY SBD	DESCRIPTION OUTLINE		
DATE 04/02/2020	213/215TC FR-NEMA-SD & IEEE841-ROUND		
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER SS621008	SHEET 1 OF 1