marathon®

Severe Duty Motors

Model No: 254THFCD9010
Catalog No: W044-P

Severe Duty Motor, 15 HP, 3 Ph, 60 Hz, 460 V, 3600 RPM, 254TCV Frame, TEFC

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Product Information Packet: Model No: 254THFCD9010, Catalog No: W044-P Severe Duty Motor, 15 HP, 3 Ph, 60 Hz, 460 V, 3600 RPM, 254TCV Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**15 Hp**
Output KW	**11.2 kW**	Voltage	**460 V**
Speed	**3545 r/min**	Synchronous RPM	**3600 r/min**
Service Factor	**1.15**	Frame	**254TCV**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**91 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**17.8 A**
Power Factor	**87**	Duty	**Continuous**
Insulation Class	**H**	Design Code	**B**
KVA Code	**G**	Drive End Bearing Size	**6309**
Opp Drive End Bearing Size	**6209**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**56**	Number of Speeds	**1**

Technical Specifications

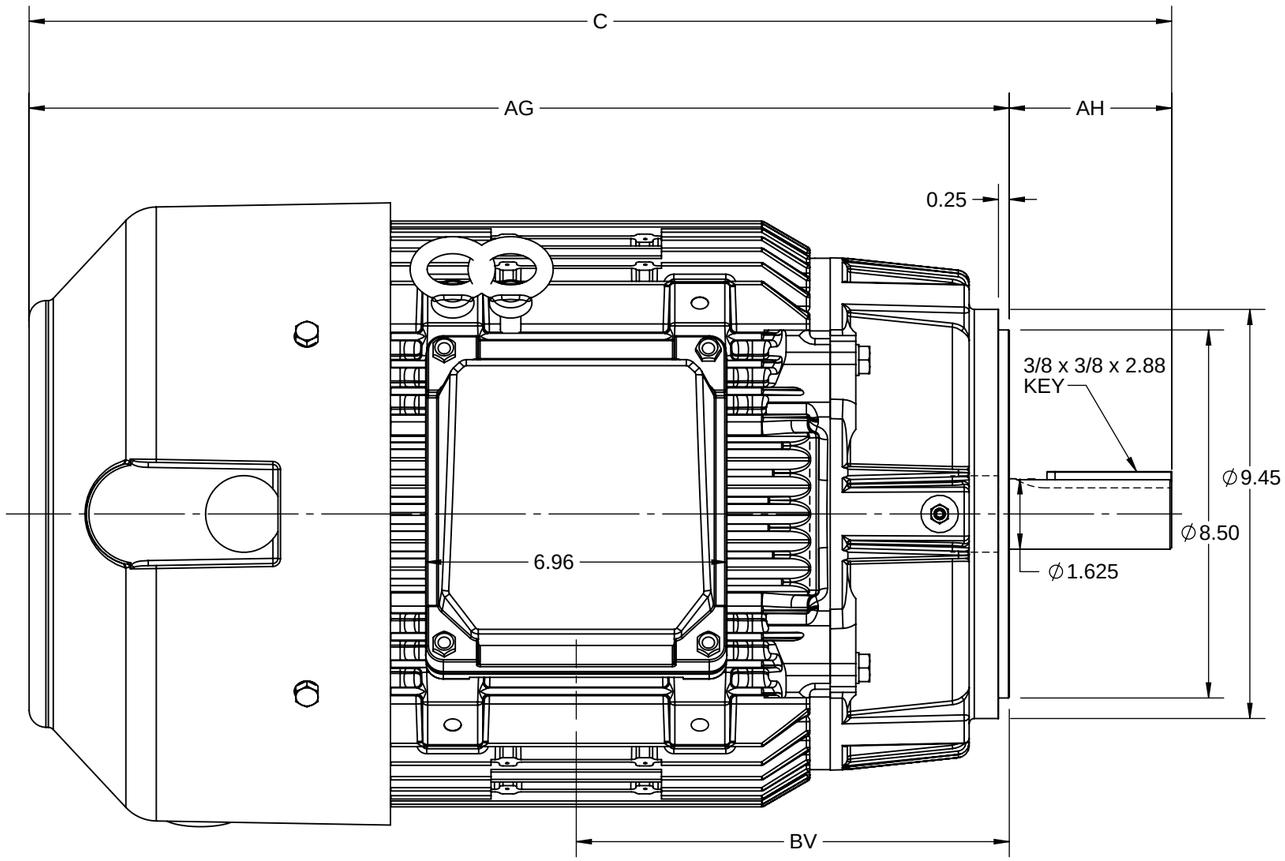
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**2**	Rotation	**Reversible**
Resistance Main	**.788 O**	Mounting	**Round**
Motor Orientation	**Horizontal Or Shaft Down**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Cast Iron**
Shaft Type	**T**	Assembly/Box Mounting	**F1/F2 Capable**
Inverter Load	**Constant 2:1/Variable 10:1**		

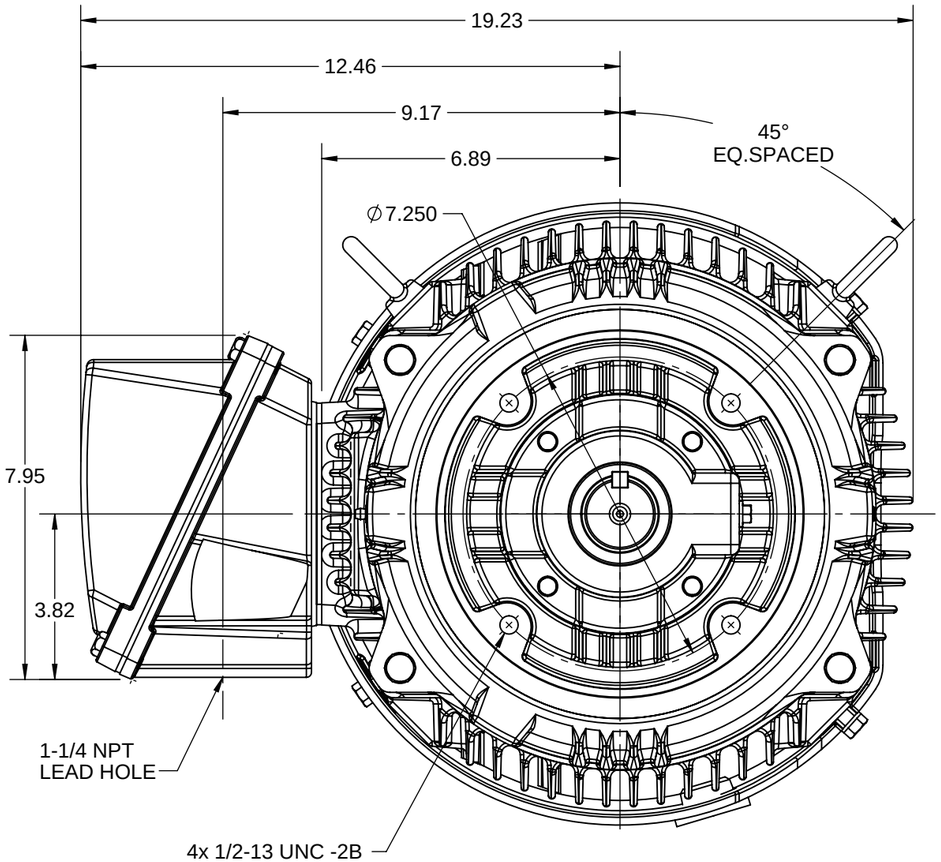
Drawings

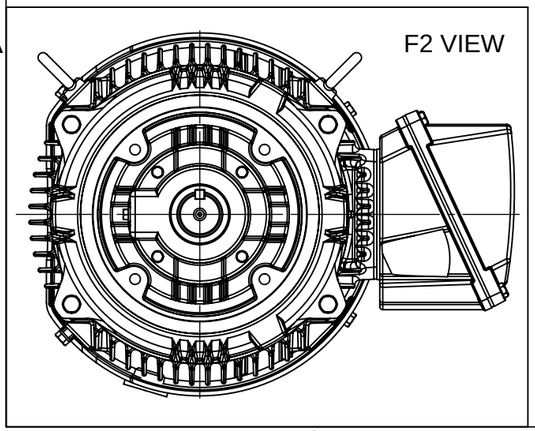
Connection Drawing	**EE7300**	Outline Drawing	**SS621009-100**

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DASH NO.	C	AG	AH	BV	MOUNTING
100	24.65	20.90	3.75	9.14	F1 OR F2
200	26.39	22.64		10.00	







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		

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DRAWN BY: BISWA	marathon™	
DATE: 04/06/2020	DESCRIPTION: OUTLINE 254/256TC FR-NEMA-SD & IEEE841	
APPROVED BY: SBD		
DATE: 04/06/2020		
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: B / DRAWING NUMBER: SS621009	SHEET: 1 OF 1