Kiln Duty Motors

Model No: 286TTTCD18602
Catalog No: S520A

Kiln Duty Motor, 15 HP, 3 Ph, 60 Hz, 460 V, 900 RPM, 286T Frame, TEAO

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Product Information Packet: Model No: 286TTTCD18602, Catalog No: S520A Kiln Duty Motor, 15 HP, 3 Ph, 60 Hz, 460 V, 900 RPM, 286T Frame, TEAO

Nameplate Specifications

Phase	**3**	Output HP	**15 Hp**
Output KW	**11.2 kW**	Voltage	**460 V**
Speed	**875 r/min**	Synchronous RPM	**900 r/min**
Service Factor	**1.15**	Frame	**286T**
Enclosure	**Totally Enclosed Air Over**	Thermal Protection	**Thermostat**
Efficiency	**88.5 %**	Ambient Temperature	**90 °C**
Frequency	**60 Hz**	Current	**20.0 A**
Power Factor	**77**	Duty	**Continuous**
Insulation Class	**H**	Design Code	**B**
KVA Code	**H**	Drive End Bearing Size	**6311**
Opp Drive End Bearing Size	**6211**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**55**		

Technical Specifications

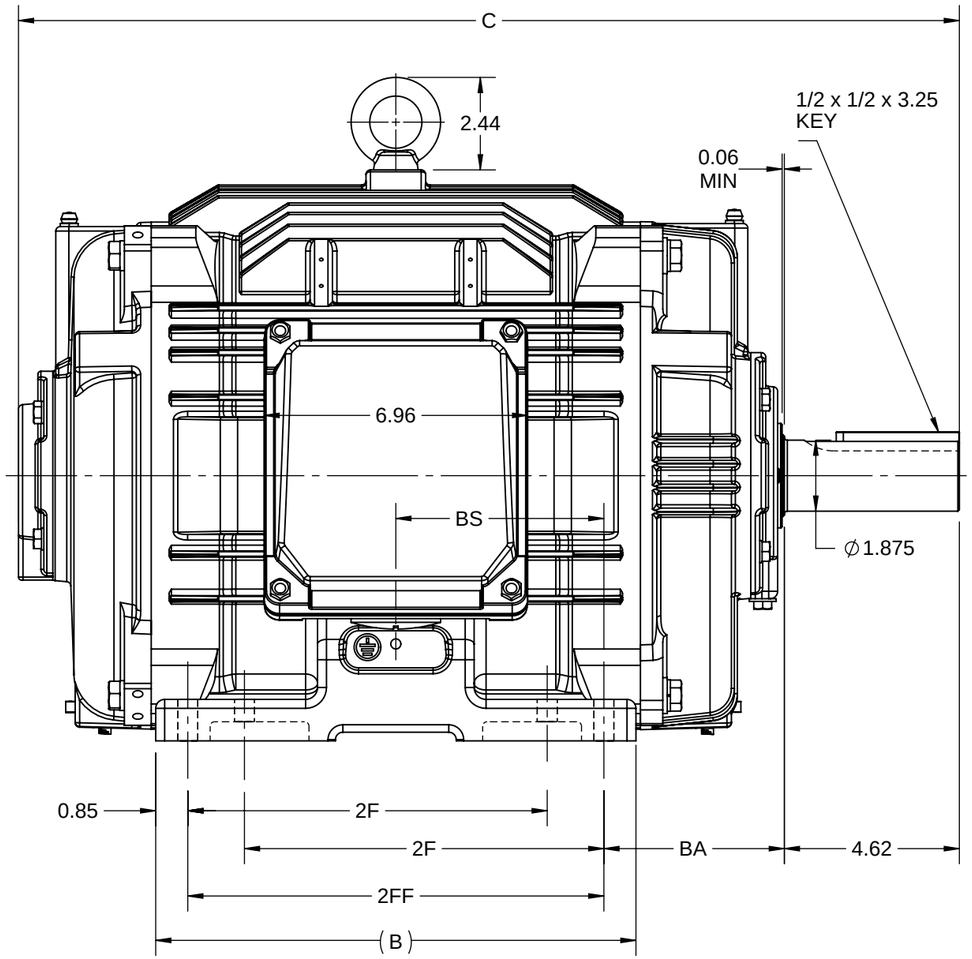
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**8**	Rotation	**Reversible**
Resistance Main	**.6141 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball / Heat Stabilized**
Opp Drive End Bearing	**Ball / Heat Stabilized**	Frame Material	**Cast Iron**
Shaft Type	**T**	Shaft Diameter	**1.875 in**
Assembly/Box Mounting	**F1/F2 Capable**	Inverter Load	**Variable 20:1**

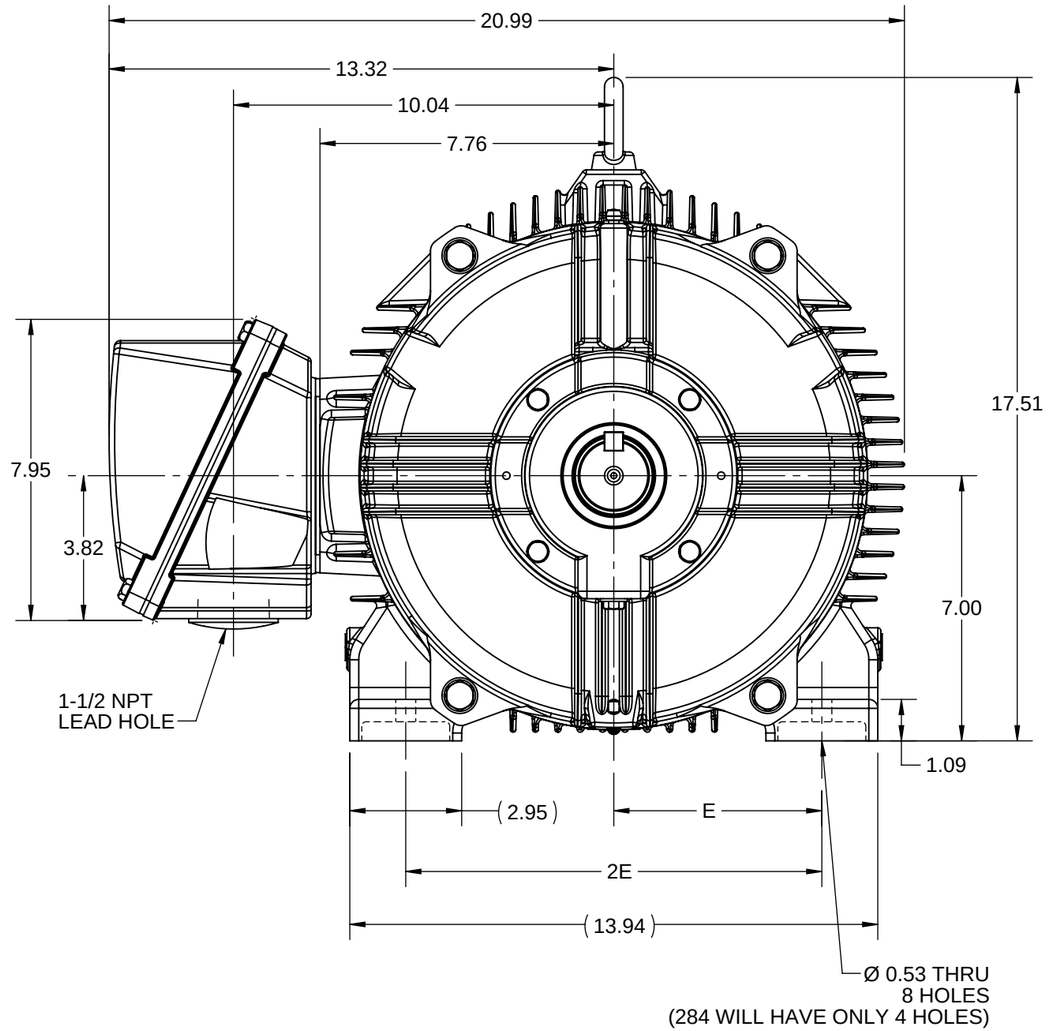
Drawings

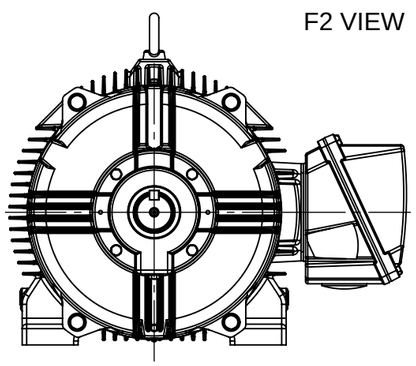
Connection Drawing	**EE7300T**	Outline Drawing	**SS620956-200**

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DASH NO.	B	C	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME
100	10.83	23.34	5.50	11.00	---	9.50	4.75	4.75	F1 OR F2	284T
200	12.68	24.84			9.50	11.00		5.50		284/286T







DRAWING REVISION: C	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: SAI	marathon™	
DATE: 24/01/2020		
APPROVED BY: SBD	DESCRIPTION: OUTLINE 284/286T FR-NEMA-TEAO/TENV	
DATE: 24/01/2020		
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: B / DRAWING NUMBER: SS620956	SHEET: 1 OF 1