Cooling Tower Motors

Model No: 256TTFCD7250
Catalog No: Y384A

Cooling Tower Motor, 15 & 3.75 HP, 3 Ph, 60 & 60 Hz, 460 & 460 V, 1800 RPM, 256T Frame, TEFC

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Product Information Packet: Model No: 256TTFCD7250, Catalog No: Y384A Cooling Tower Motor, 15 & 3.75 HP, 3 Ph, 60 & 60 Hz, 460 & 460 V, 1800 RPM, 256T Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**15 & 3.75 Hp**
Output KW	**11.2 & 2.8 kW**	Voltage	**460 & 460 V**
Speed	**1778 & 885 r/min**	Synchronous RPM	**1800 & 900 r/min**
Service Factor	**1.15 & 1.15**	Frame	**256T**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**91 & 86.5 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 60 Hz**	Current	**18.8 & 6.8 A**
Power Factor	**81.8**	Duty	**Continuous**
Insulation Class	**H**	Design Code	**1VT**
KVA Code	**J**	Drive End Bearing Size	**6309**
Opp Drive End Bearing Size	**6209**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**55**	Number of Speeds	**2**

Technical Specifications

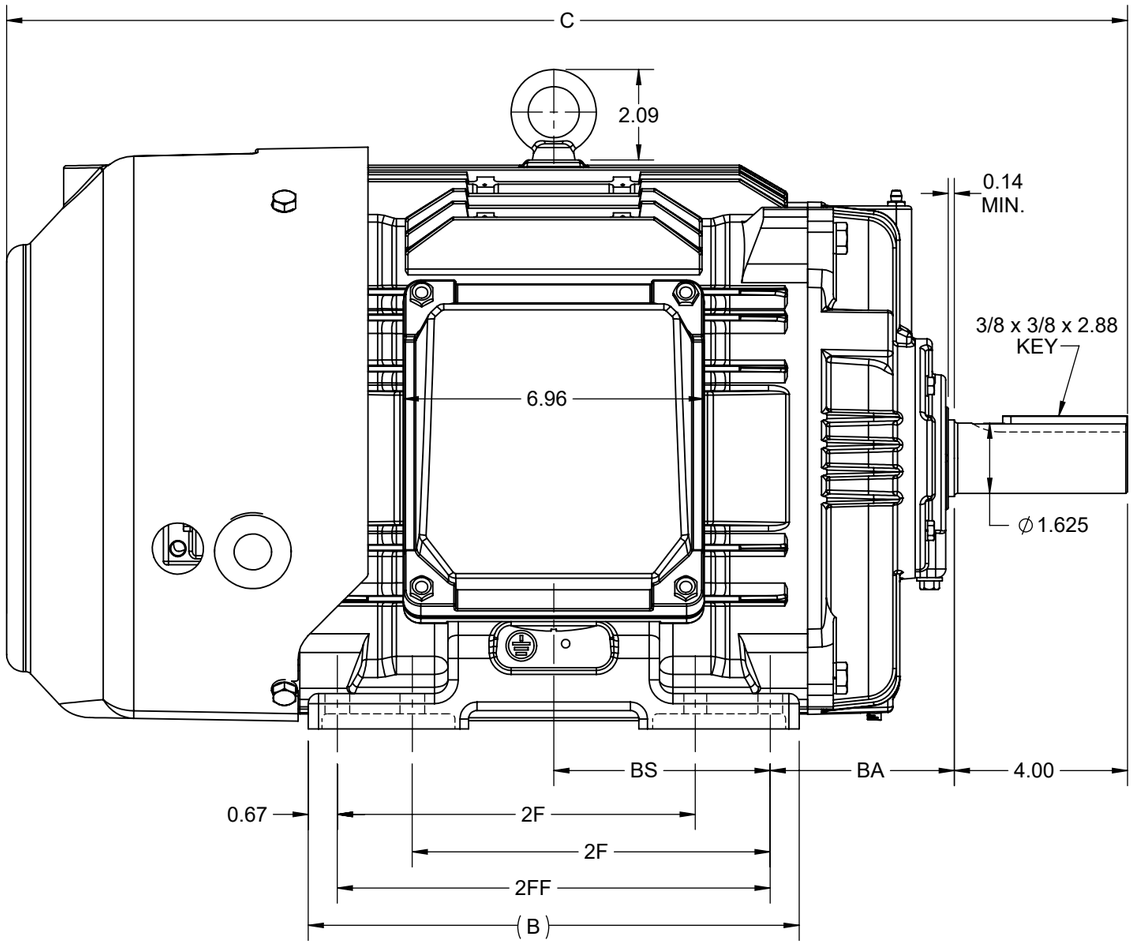
Electrical Type	**Squirrel Cage Induction Run**	Starting Method	**Across The Line**
Poles	**4/8**	Rotation	**Reversible**
Resistance Main	**.7042 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Cast Iron**
Shaft Type	**T**	Shaft Diameter	**1.626 in**
Assembly/Box Mounting	**F1/F2 Capable**		

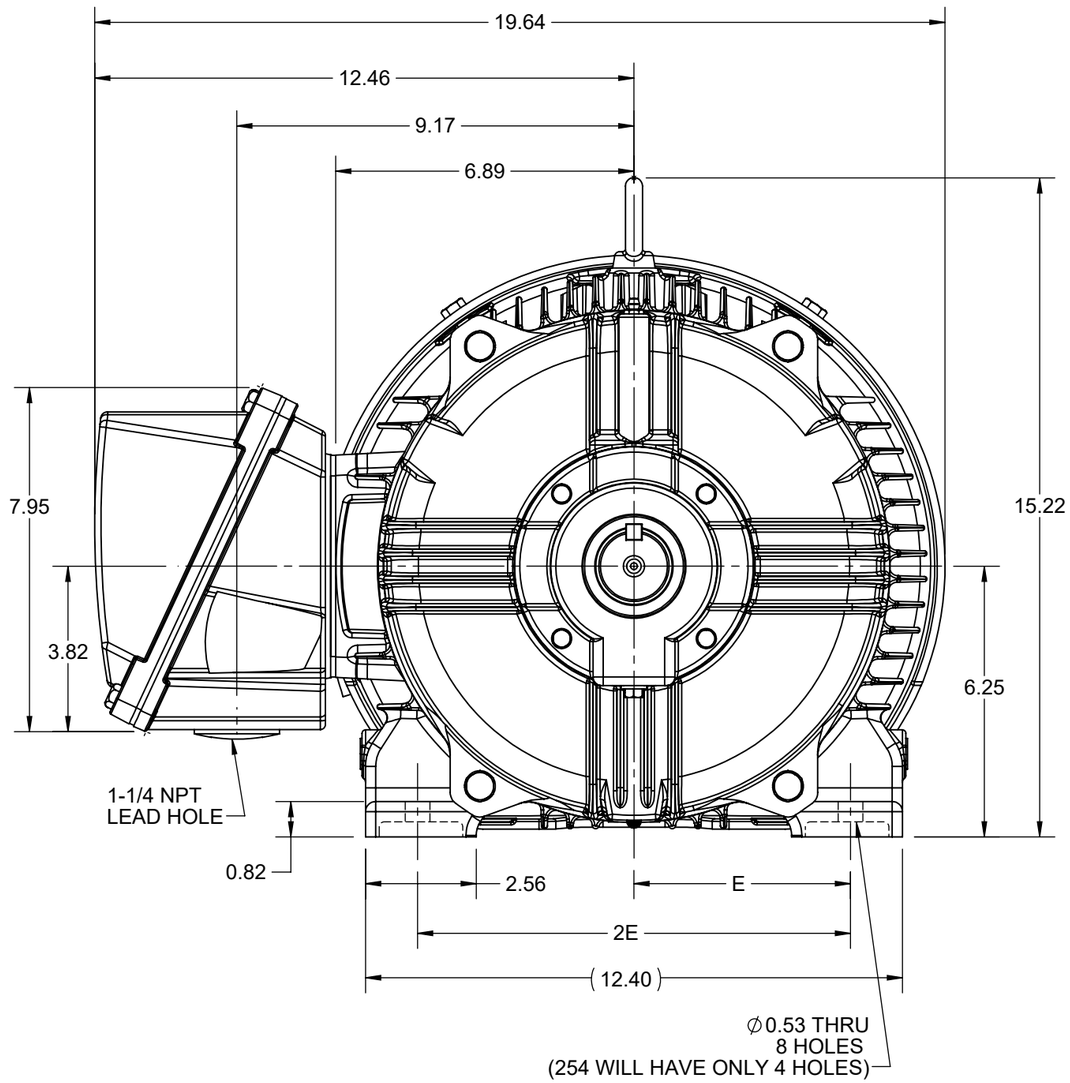
Drawings

Connection Drawing	**EE7322**	Outline Drawing	**SS208560-200**

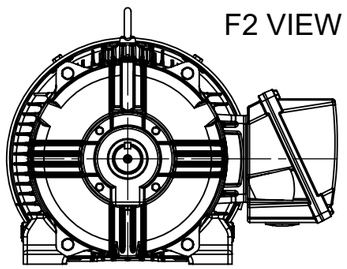
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DASH NO.	B	C	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME
100	9.60	24.15	5.00	10.00	-	8.25	4.25	4.13	F1 OR F2	254T
200	11.34	25.89			8.25	10.00		5.00		254/256T





F2 VIEW



DRAWING REVISION: F	REVISION BY: SB	REV DATE/© DATE: 07/23/2025
REQUEST NUMBER: CR-0023556	APPROVED BY: SBD	DATE: 07/23/2025
REQUEST NUMBER DESCRIPTION: DRAWING TITLE BLOCK UPDATED		

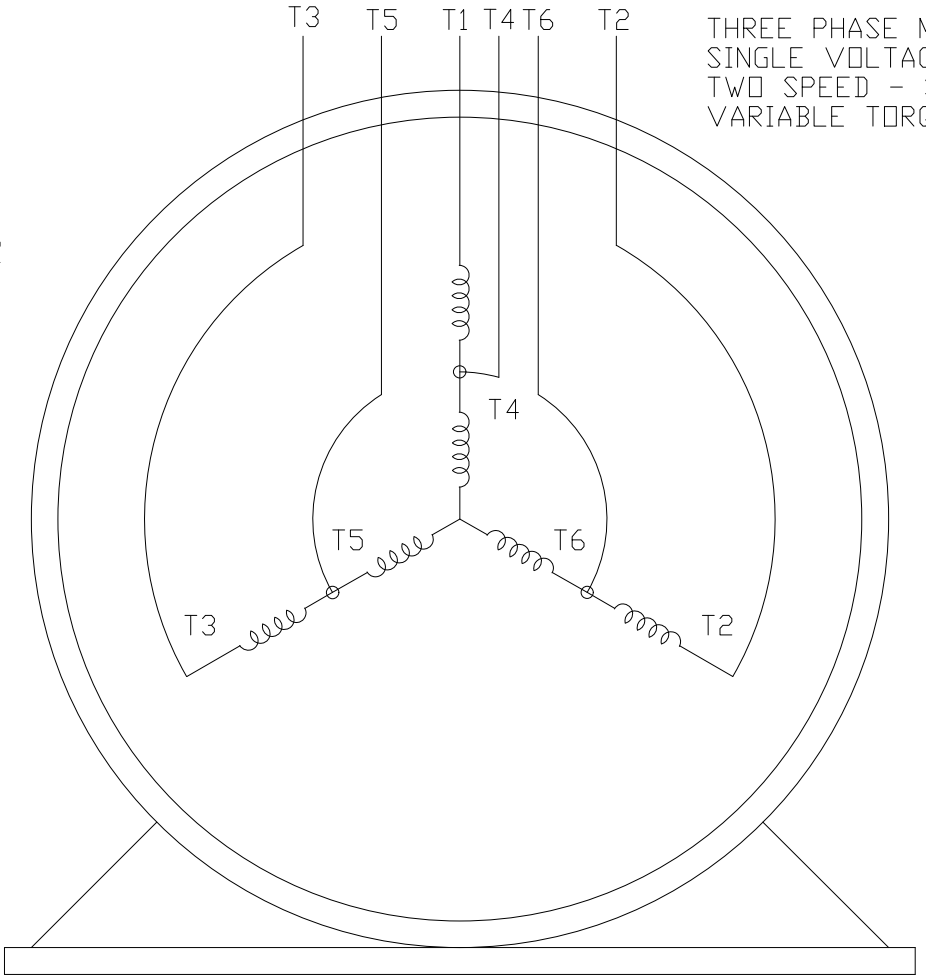
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DATE: 26/09/2018	DESCRIPTION: OUTLINE 254T/256T FR-NEMA-SD & IEEE841	
APPROVED BY: SBD		
DATE: 26/09/2018		
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: B / DRAWING NUMBER: SS208560	SHEET: 1 OF 1

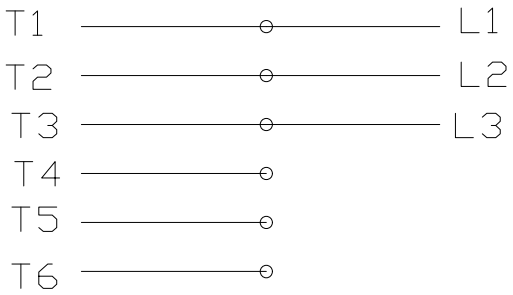
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THREE PHASE MOTOR
SINGLE VOLTAGE
TWO SPEED - SGL. WDG.
VARIABLE TORQUE

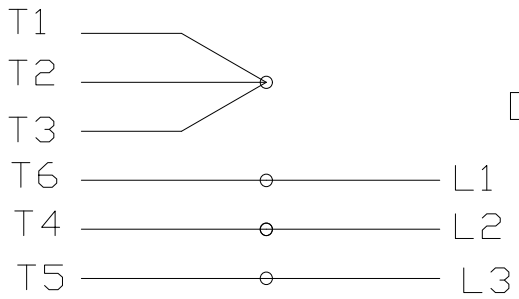


VIEW OF TERMINAL END

LOW SPEED

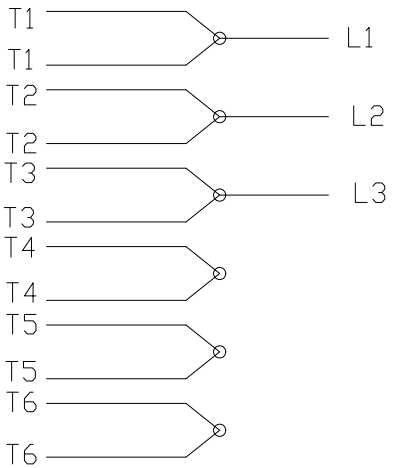


HIGH SPEED

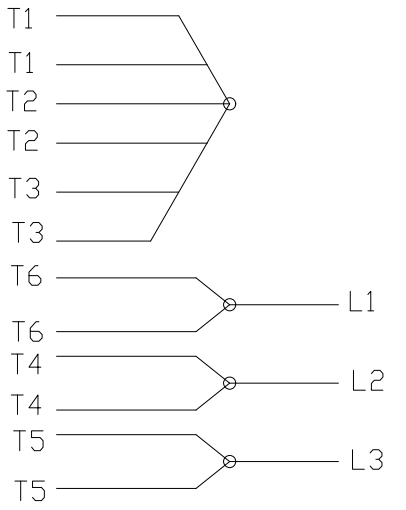


FOR DUAL LEADS

LOW SPEED



HIGH SPEED



T612C
T48B

DRAWING REVISION	REVISION BY	REV DATE/ © DATE
C	SB	08/20/2025
REQUEST NUMBER	APPROVED BY	DATE
CR-0023600	SBD	08/20/2025

REQUEST NUMBER DESCRIPTION
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DATE	12/26/1996
APPROVED BY	TB
DATE	01/07/1997
REFERENCE	
THIRD ANGLE PROJECTION	

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DESCRIPTION
CONN DIAGRAM
3Ø - SINGLE VOLTAGE - 2 SPEED

MATERIAL	PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
A	4 of 4 EE7322	1 OF 1