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Severe Duty Motors

Model No: 364TSTFCD6505
Catalog No: E664A

Severe Duty Motor, 60 HP, 3 Ph, 60 Hz, 575 V, 3600 RPM, 364TS Frame, TEFC

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Product Information Packet: Model No: 364TSTFCD6505, Catalog No: E664A Severe Duty Motor, 60 HP, 3 Ph, 60 Hz, 575 V, 3600 RPM, 364TS Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**60 Hp**
Output KW	**45.0 kW**	Voltage	**575 V**
Speed	**3570 r/min**	Synchronous RPM	**3600 r/min**
Service Factor	**1.15**	Frame	**364TS**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**93.6 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**55.0 A**
Power Factor	**88**	Duty	**Continuous**
Insulation Class	**H**	Design Code	**B**
KVA Code	**G**	Drive End Bearing Size	**6313**
Opp Drive End Bearing Size	**6213**	UL	**Listed**
CSA	**Y**	CE	**Y**
IP Code	**55**	Number of Speeds	**1**
Hazardous Location	**DIVISION 2 T2B**		

Technical Specifications

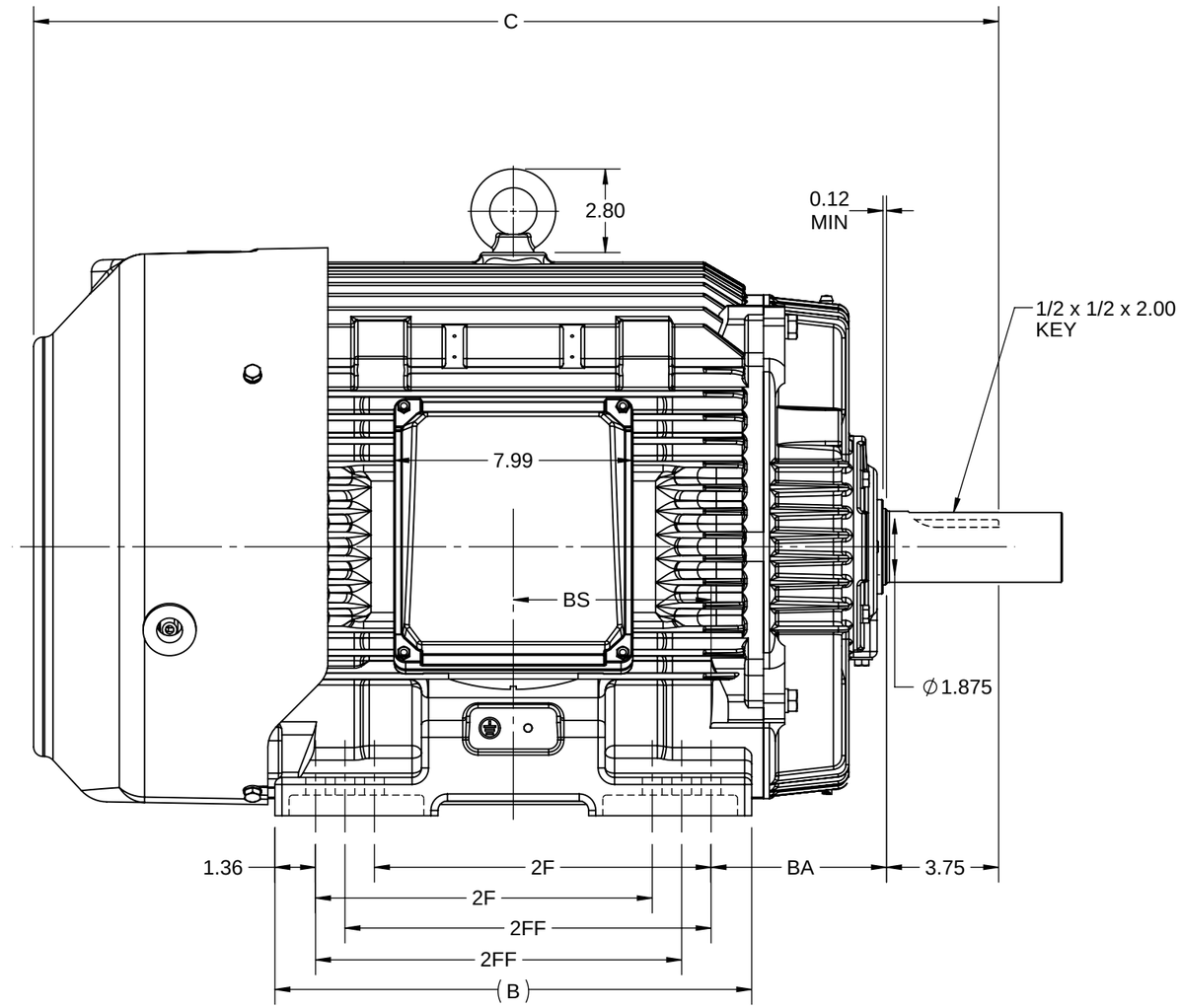
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**2**	Rotation	**Reversible**
Resistance Main	**.11019 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Cast Iron**
Shaft Type	**TS**	Shaft Diameter	**1.875 in**
Assembly/Box Mounting	**F1/F2 Capable**	Inverter Load	**Constant 2:1/Variable 10:1**

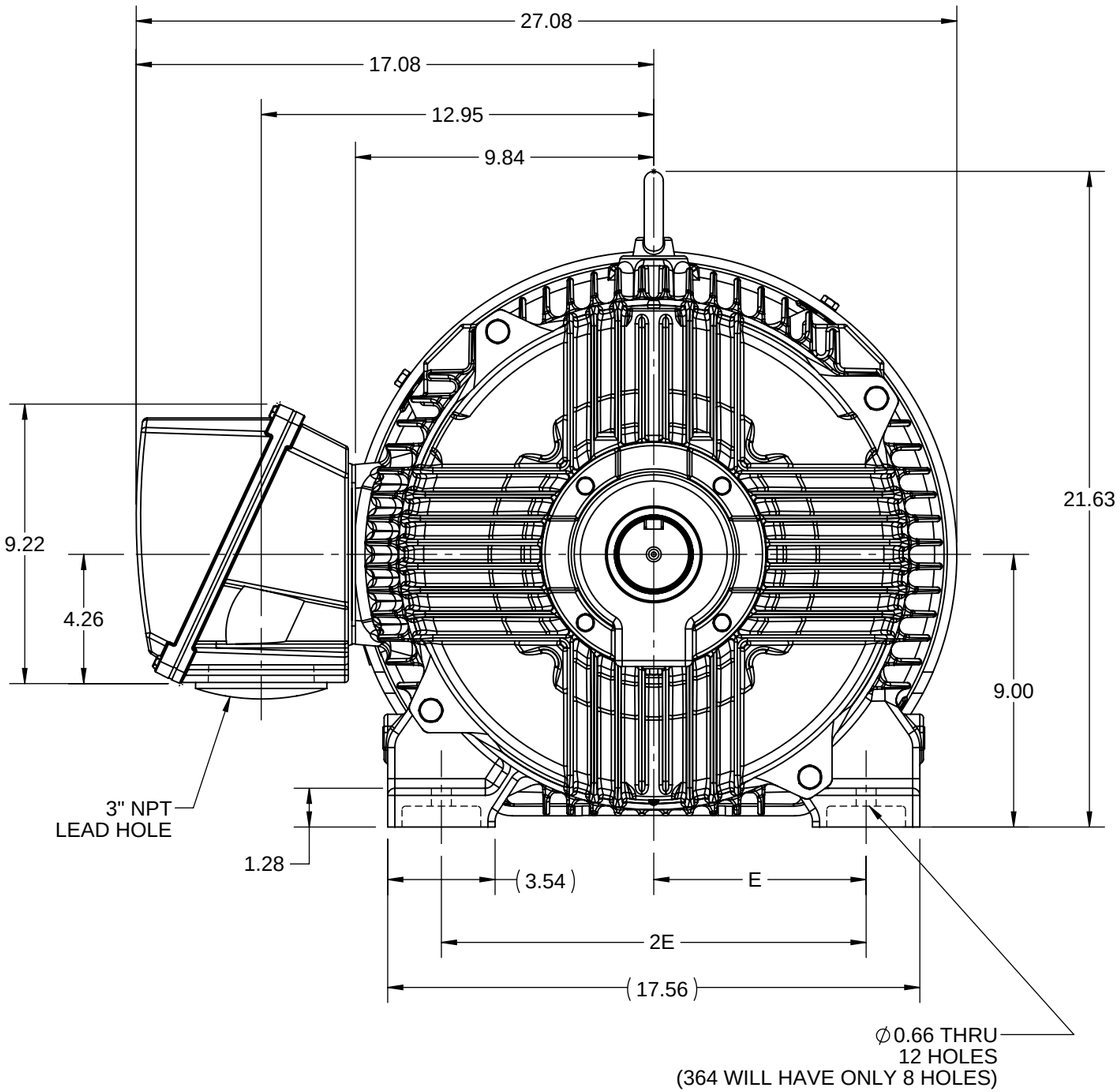
Drawings

Connection Drawing	**EE7300**	Outline Drawing	**SS557663-100**

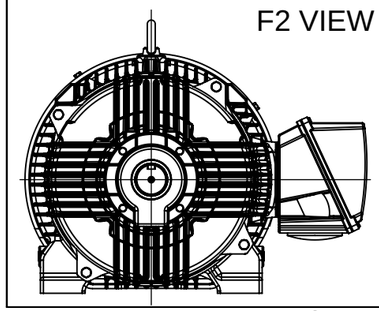
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DASH NO.	B	C	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME
100	14.96	33.27	7.00	14.00	-	11.25	5.88	6.12	F1 OR F2	364TS
200	15.94	32.27			11.25	12.25		6.62		364/365TS





F2 VIEW



DRAWING REVISION	REVISION BY	REV DATE/© DATE
D	SB	05/21/2026
REQUEST NUMBER	APPROVED BY	DATE
CR-0026353	RMS	05/21/2026

REQUEST NUMBER DESCRIPTION
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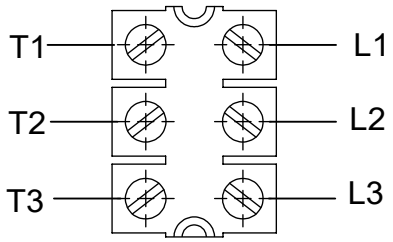
DRAWN BY	DESCRIPTION
BISWA	OUTLINE
DATE	364/365TS FR-NEMA-SD & IEEE841
12/24/2018	
APPROVED BY	
SBD	
DATE	
12/24/2018	
REFERENCE	MATERIAL / PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE B / DRAWING NUMBER SS557663 / SHEET 1 OF 1

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

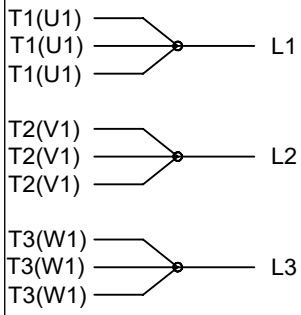
TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

TERMINAL BLOCK WHEN SPECIFIED

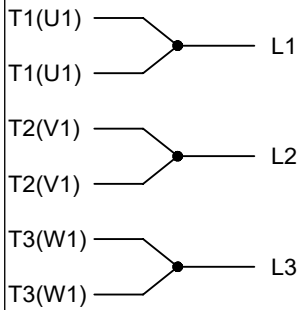


VIEW OF TERMINAL END

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

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DATE: 03-26-1993	
APPROVED BY: TB	
DATE: 03-26-1993	
REFERENCE	
THIRD ANGLE PROJECTION	

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DESCRIPTION
CONNECTION DIAGRAM
EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR

MATERIAL	PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
A	EE7300	1 OF 1