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Close-Coupled Pump Motors

Model No: 324TTFCD6038
Catalog No: GT3534A

Close-Coupled Pump Motor, 40 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 324JP Frame, TEFC

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Product Information Packet: Model No: 324TTFCD6038, Catalog No: GT3534A Close-Coupled Pump Motor, 40 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 324JP Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**40 Hp**
Output KW	**30.0 kW**	Voltage	**575 V**
Speed	**1782 r/min**	Synchronous RPM	**1800 r/min**
Service Factor	**1.15**	Frame	**324JP**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**94.1 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**38.0 A**
Power Factor	**84**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**G**	Drive End Bearing Size	**6312**
Opp Drive End Bearing Size	**6212**	UL	**Listed**
CSA	**Y**	CE	**Y**
IP Code	**55**	Number of Speeds	**1**
Hazardous Location	**DIVISION 2 T2B**		

Technical Specifications

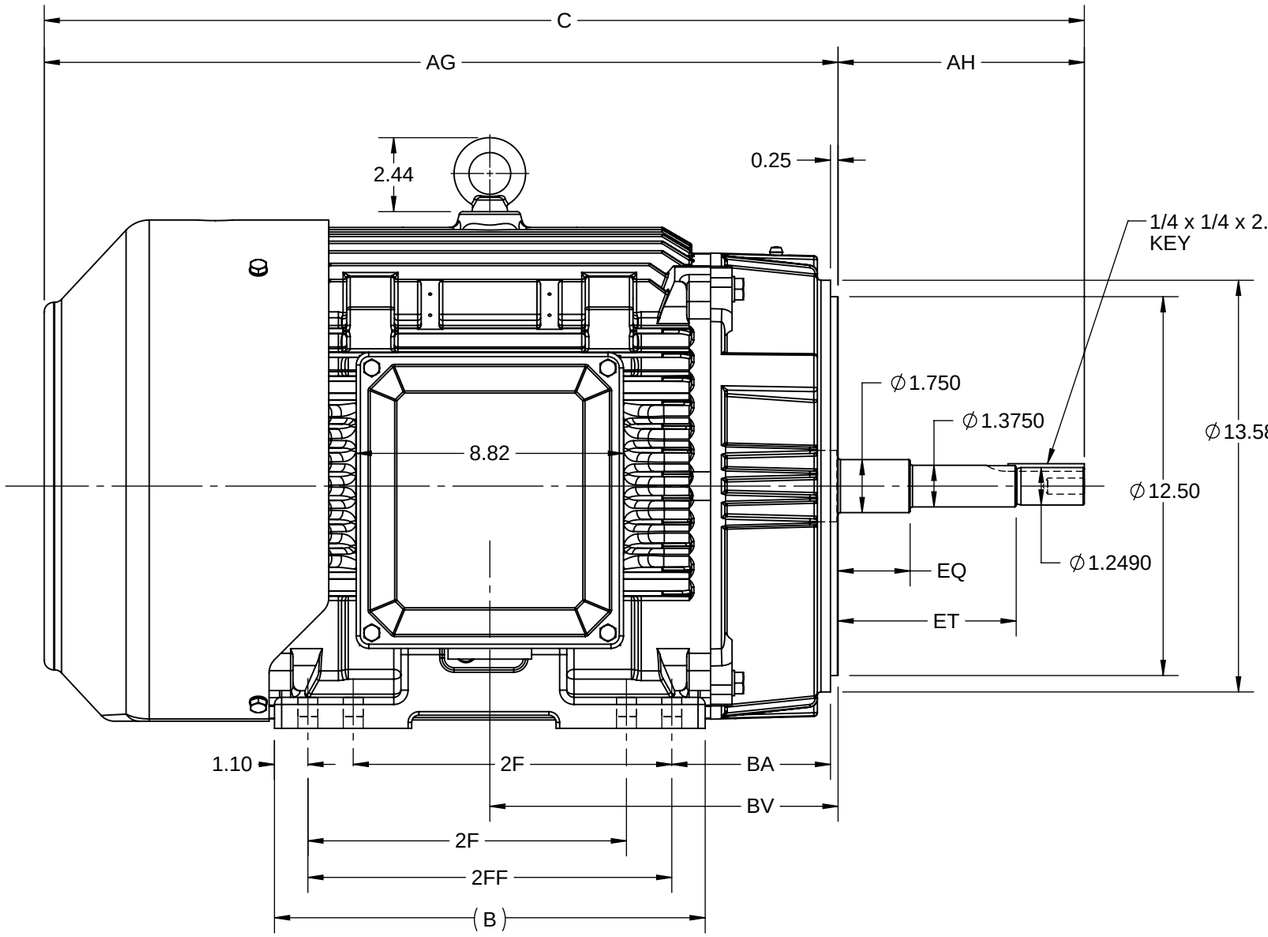
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**.18 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Cast Iron**
Shaft Type	**JP**	Overall Length	**36.92 in**
Frame Length	**13.07 in**	Shaft Diameter	**1.296 in**
Shaft Extension	**10.98 in**	Assembly/Box Mounting	**F1/F2 Capable**
Inverter Load	**Constant 2:1/Variable 10:1**		

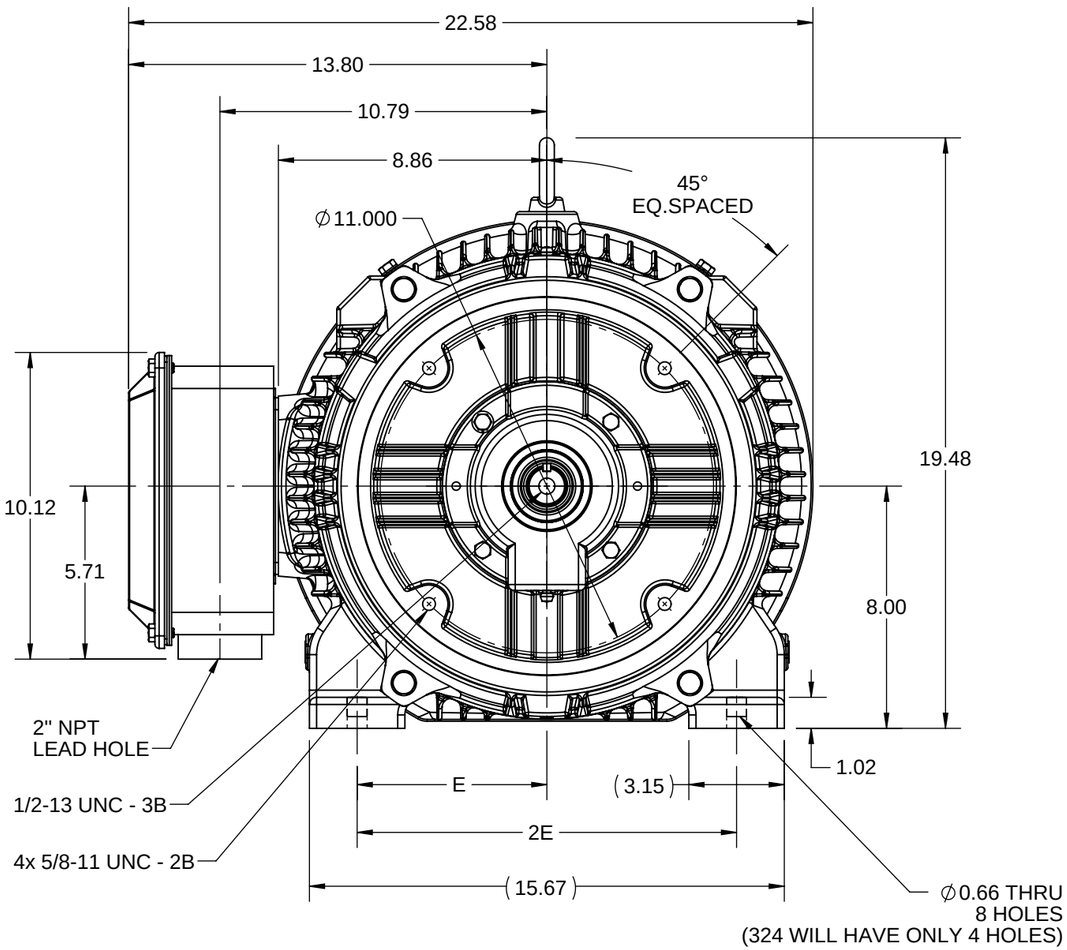
Drawings

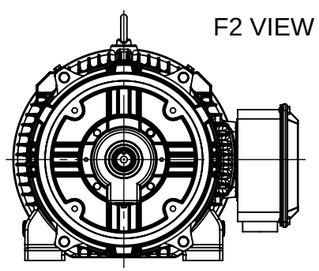
Connection Drawing	**EE7300**	Outline Drawing	**SS620813-100**

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DASH NO.	B	C	E	2E	2F	2FF	AG	AH	BA	BV	EQ	ET	MOUNTING	FRAME
100	12.71	32.82	6.25	12.50	----	10.50	2.70	8.12	5.25	10.75	2.37	5.87	F1 OR F2	324JP
200	14.21	34.31			10.50	12.00	26.19			11.50				324/326JP







DRAWING REVISION	REVISION BY	REV DATE/© DATE
E	SB	05/27/2026
REQUEST NUMBER	APPROVED BY	DATE
CR-0026424	RMS	05/27/2026

REQUEST NUMBER DESCRIPTION
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REFERENCE	
THIRD ANGLE PROJECTION	

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DESCRIPTION
OUTLINE
324/326JP FR-NEMA-TEFC-CAST IRON

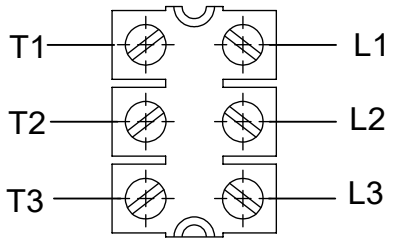
MATERIAL	PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
B	SS620813	1 OF 1

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

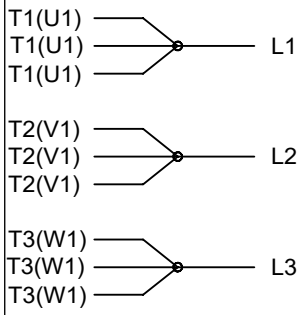
TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

TERMINAL BLOCK WHEN SPECIFIED

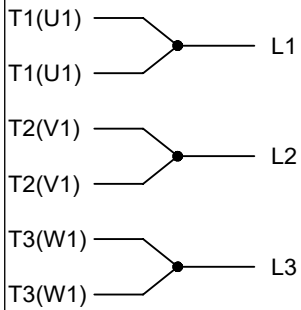


VIEW OF TERMINAL END

IF MOTOR HAS
9 LEADS



IF MOTOR HAS
6 LEADS



A-9806 DECAL

OPTIONAL CORD
CONNECTION

L1	WHITE
L2	RED
L3	BLACK

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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