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General Purpose Motors

Model No: 444TSTFCD6002
Catalog No: GT1248-P

General Purpose Motor, 125 & 100 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 RPM, 444TSC Frame, TEFC

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Product Information Packet: Model No: 444TSTFCD6002, Catalog No: GT1248-P General Purpose Motor, 125 & 100 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 RPM, 444TSC Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**125 & 100 Hp**
Output KW	**93.0 & 75.0 kW**	Voltage	**230/460 & 190/380 V**
Speed	**3580 & 2980 r/min**	Synchronous RPM	**3600 & 3000 r/min**
Service Factor	**1.15 & 1.15**	Frame	**444TSC**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**TSTATS 160(N/C)**
Efficiency	**95 & 94.5 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**276/138 & 268/134 A**
Power Factor	**89.5**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**G**	Drive End Bearing Size	**6314**
Opp Drive End Bearing Size	**6314**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**55**	Number of Speeds	**1**
Hazardous Location	**DIVISION 2 T2B**		

Technical Specifications

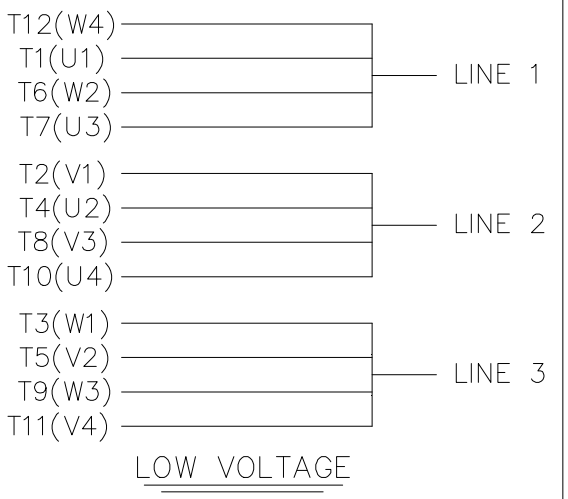
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**2**	Rotation	**Reversible**
Resistance Main	**.0341 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Cast Iron**
Shaft Type	**TS**	Shaft Diameter	**2.375 in**
Assembly/Box Mounting	**F3**	Inverter Load	**Variable 10:1**

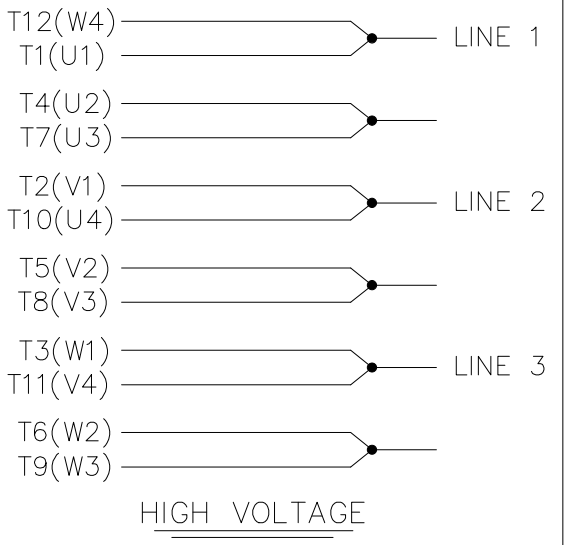
Drawings

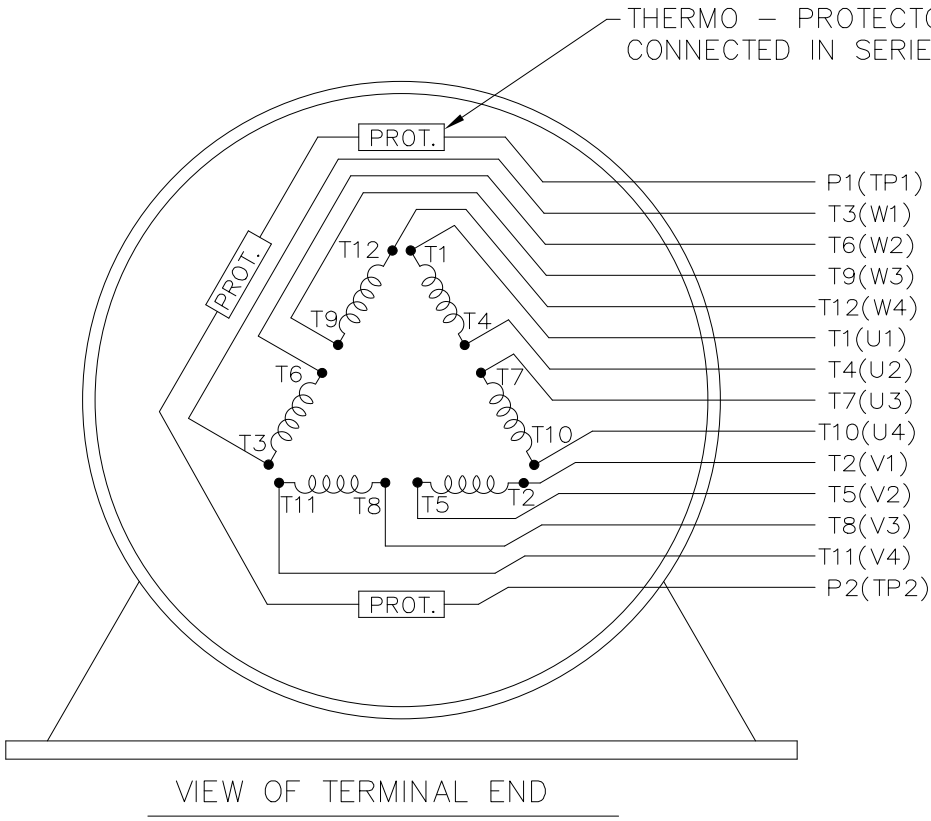
Connection Drawing	**EE7308BZ**	Outline Drawing	**0244500022**

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DRAWING REVISION	REVISION BY	REV DATE/ © DATE
D	SB	10/08/2025
REQUEST NUMBER	APPROVED BY	DATE
CR-0024284	RMS	10/08/2025

REQUEST NUMBER DESCRIPTION
DRAWING TITLE BLOCK UPDATED

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DATE	05/10/1991
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REFERENCE	
THIRD ANGLE PROJECTION	

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DESCRIPTION
3 PHASE CONN DIAGRAM
2/1 DELTA - 12 LEADS

MATERIAL | PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
A	EE7308BZ	1 OF 1