

Severe Duty Motors

Model No: 182TTFCD6588

Catalog No: E025

Severe Duty Motor, 1.50 HP, 3 Ph, 60 Hz, 230/460 V, 1200 RPM, 182TC Frame, TEFC

Product Information Packet: Model No: 182TTFCD6588, Catalog No: E025 Severe Duty Motor, 1.50 HP, 3 Ph, 60 Hz, 230/460 V, 1200 RPM, 182TC Frame, TEFC

Nameplate Specifications

Phase	3	Output HP	1.50 Hp
Output KW	1.1 kW	Voltage	230/460 V
Speed	1175 r/min	Synchronous RPM	1200 r/min
Service Factor	1.15	Frame	182TC
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection
Efficiency	87.5 %	Ambient Temperature	40 °C
Frequency	60 Hz	Current	4.6/2.3 A
Power Factor	70	Duty	Continuous
Insulation Class	H	Design Code	B
KVA Code	L	Drive End Bearing Size	6206
Opp Drive End Bearing Size	6205	UL	Listed
CSA	Y	CE	Y
IP Code	55	Number of Speeds	1
Hazardous Location	DIVISION 2 T2B		

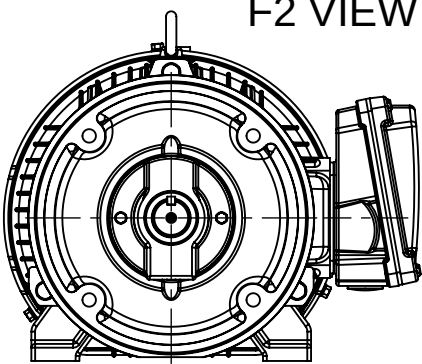
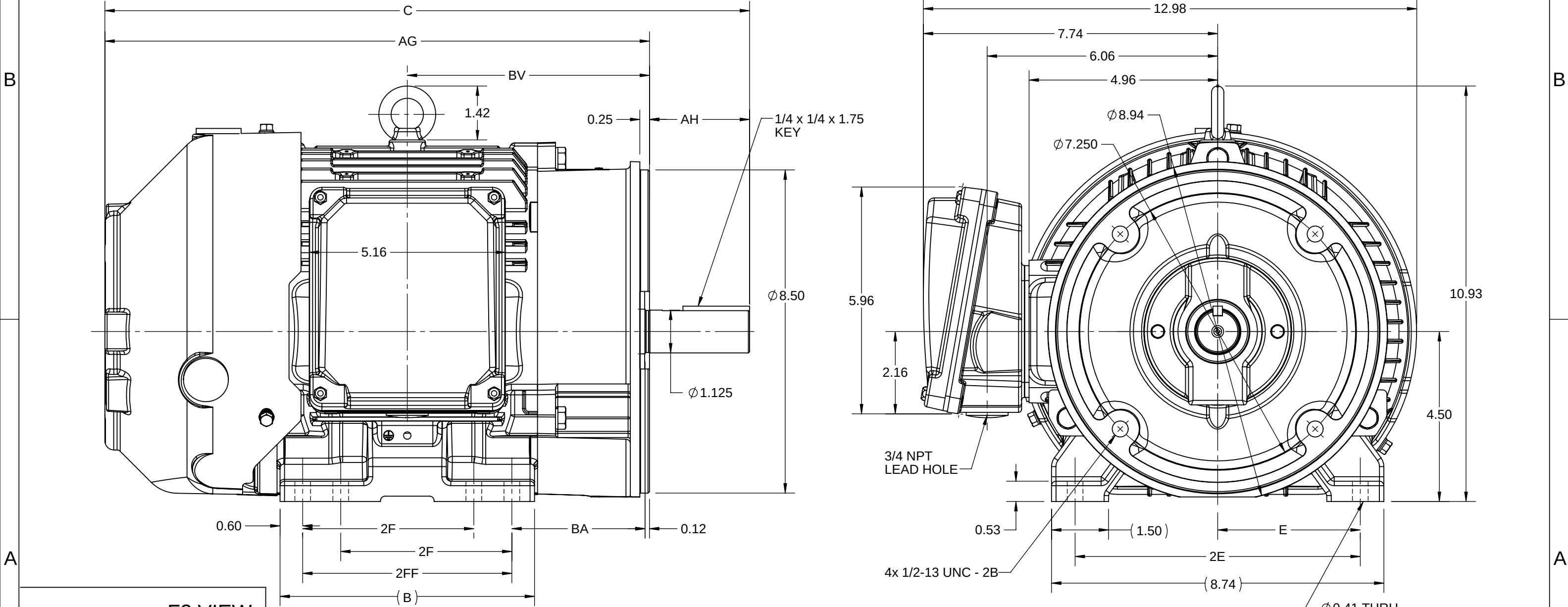
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	6.995 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	1.125 in
Assembly/Box Mounting	F1/F2 Capable	Inverter Load	Constant 10:1/Variable 10:1

Drawings

Connection Drawing	EE7308	Outline Drawing	SS600218-100
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4					3					2			1	
DASH NO.	B	C	E	2E	2F	2FF	AG	AH	BA	BV	MOUNTING	FRAME		
100	5.67	15.95	3.75	7.50	---	4.50	13.32	2.62	3.50	5.87	F1 OR F2	182TC		
200	6.69	16.95			4.50	5.50	14.32			6.37		182/184TC		



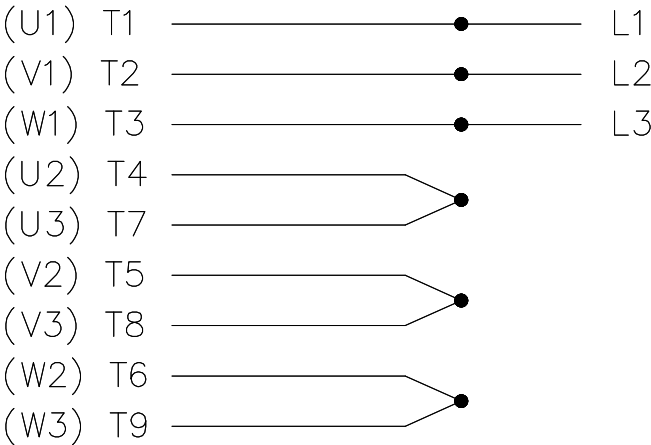
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REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED		
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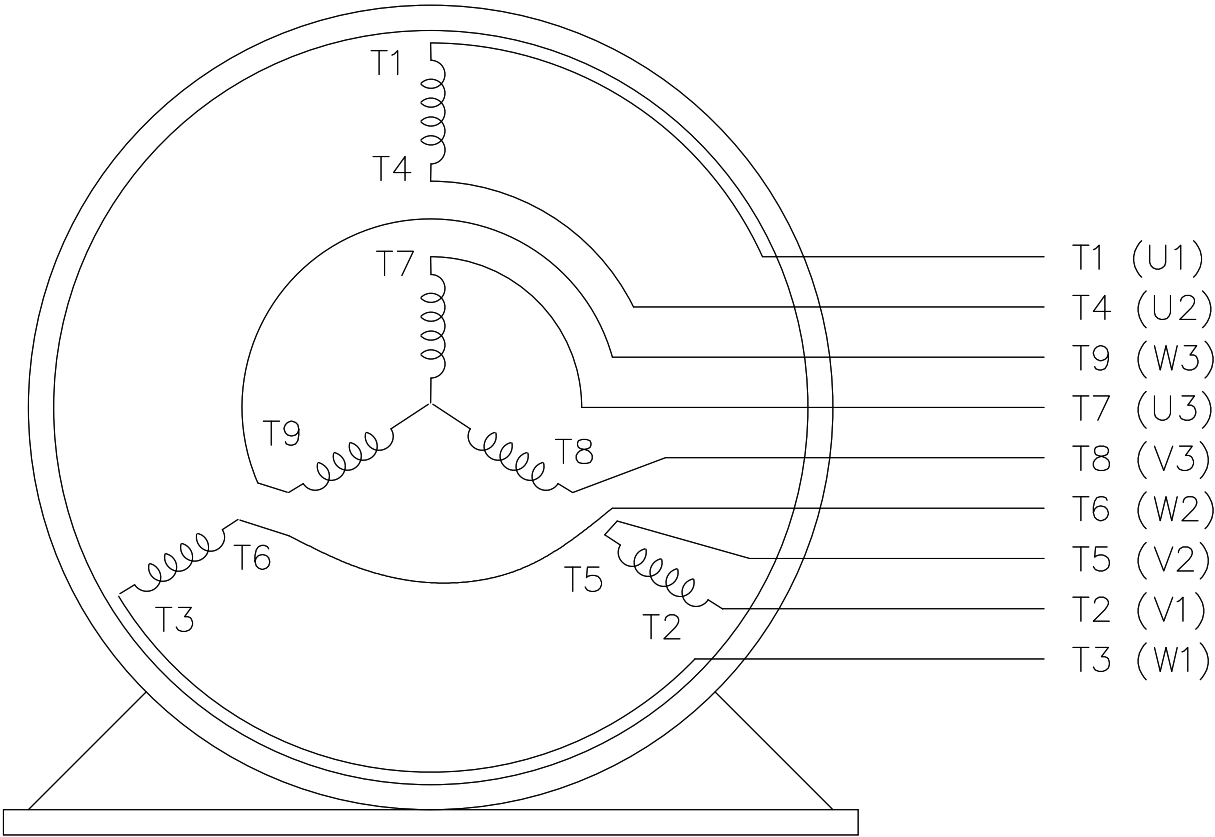
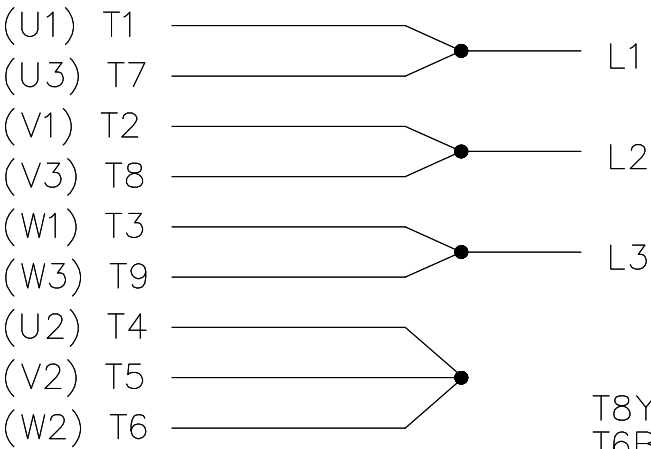
DRAWN BY BISWA	marathon™		
DATE 14/03/2019			
APPROVED BY SBD	DESCRIPTION OUTLINE 182/184TC FR-NEMA-SD & IEEE841		
DATE 14/03/2019			
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER SS600218	SHEET 1 OF 1

THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE



LOW VOLTAGE



VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD
CONNECTION

L1 WHITE
L2 RED
L3 BLACK

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DRAWN BY RM
DATE 11/20/1990
APPROVED BY SAS
DATE 04/24/2003
REFERENCE
THIRD ANGLE PROJECTION

marathon™		
DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø - DUAL VOLTAGE MOTOR		
MATERIAL		PROCESS/FINISH
SIZE A	DRAWING NUMBER EE7308	SHEET 1 OF 1
4 of 4		