

Severe Duty Motors

Model No: 444TTFCD6588

Catalog No: E067

Severe Duty Motor, 100 HP, 3 Ph, 60 Hz, 460 V, 1200 RPM, 444TC Frame, TEFC

Product Information Packet: Model No: 444TTFCD6588, Catalog No: E067 Severe Duty Motor, 100 HP, 3 Ph, 60 Hz, 460 V, 1200 RPM, 444TC Frame, TEFC

Nameplate Specifications

Phase	3	Output HP	100 Hp
Output KW	75.0 kW	Voltage	460 V
Speed	1190 r/min	Synchronous RPM	1200 r/min
Service Factor	1.15	Frame	444TC
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection
Efficiency	95 %	Ambient Temperature	40 °C
Frequency	60 Hz	Current	115.0 A
Power Factor	86	Duty	Continuous
Insulation Class	H	Design Code	B
KVA Code	G	Drive End Bearing Size	6319
Opp Drive End Bearing Size	6317	UL	Listed
CSA	Y	CE	Y
IP Code	55	Number of Speeds	1
Hazardous Location	DIVISION 2 T2B		

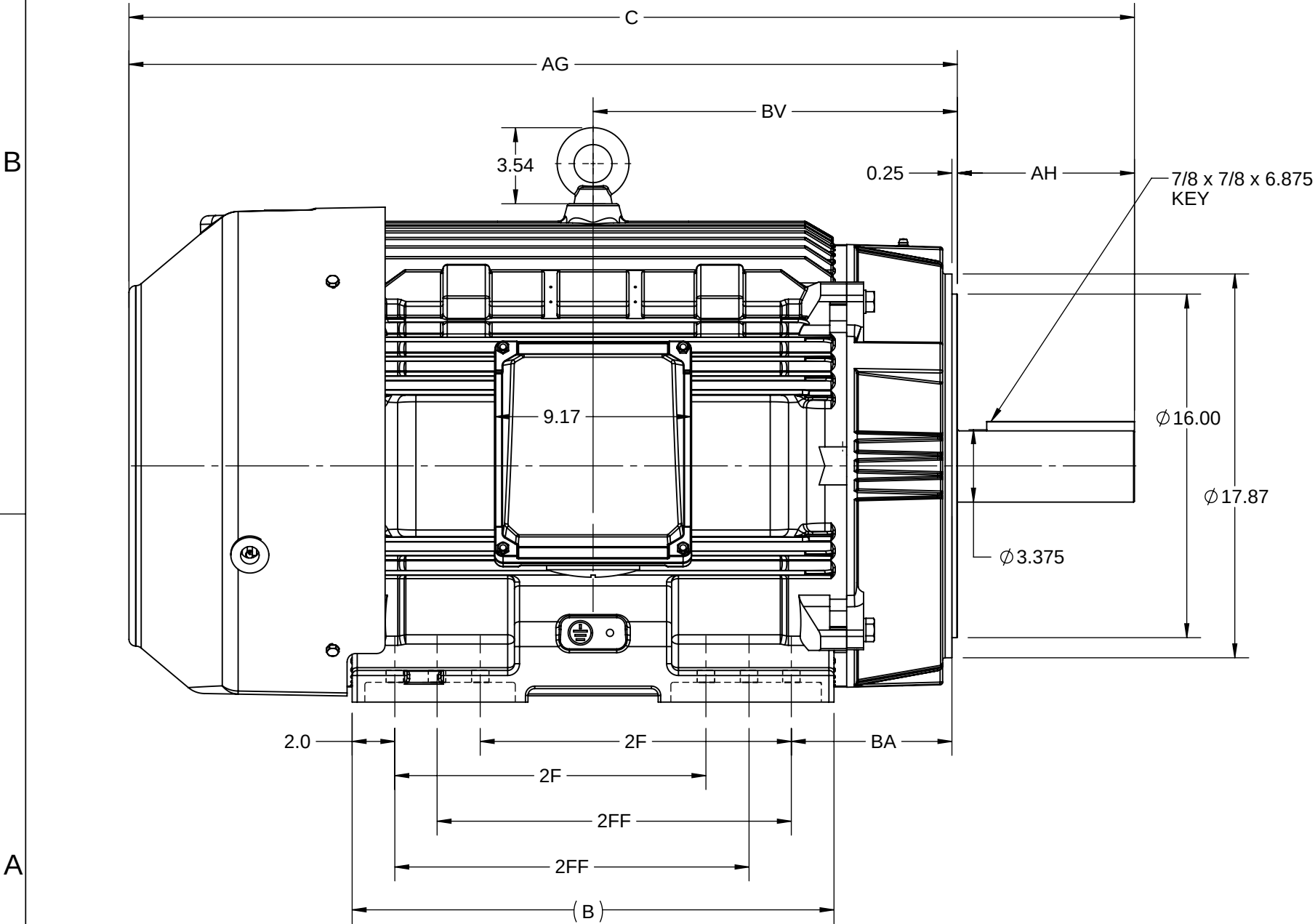
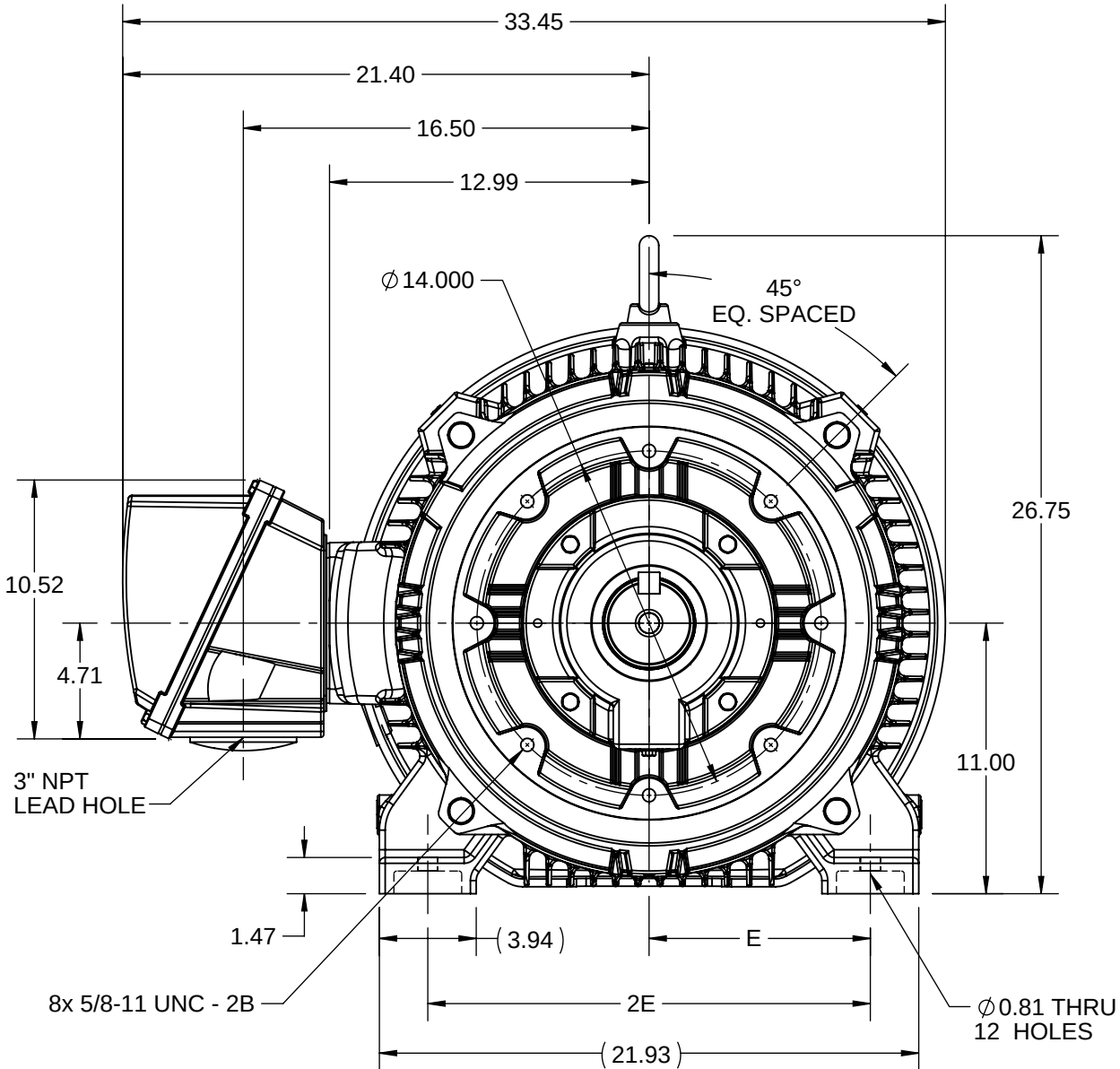
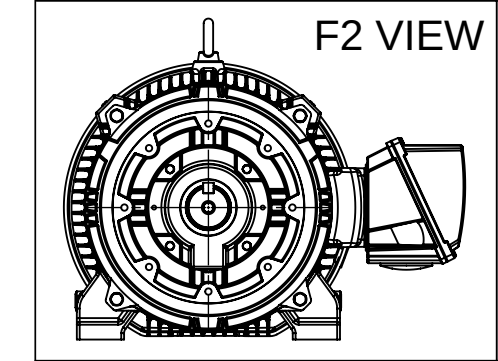
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.0444 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	3.375 in
Assembly/Box Mounting	F1/F2 Capable	Inverter Load	Constant 2:1/Variable 10:1

Drawings

Connection Drawing	EE7300U	Outline Drawing	SS557771
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4						3						2		1	
B	C	E	2E	2F	2FF	AG	AH	BA	BV	MOUNTING					
22.44	46.83	9.00	18.00	14.50	16.50	38.58	8.25	7.50	16.96	F1 OR F2					

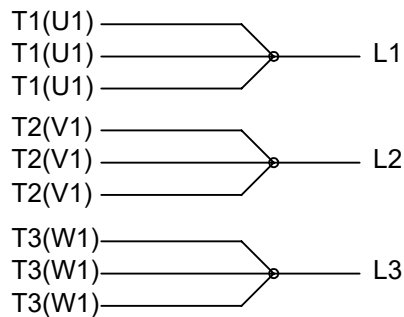


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REQUEST NUMBER CR-0026353	APPROVED BY RMS	DATE 05/21/2026
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED		
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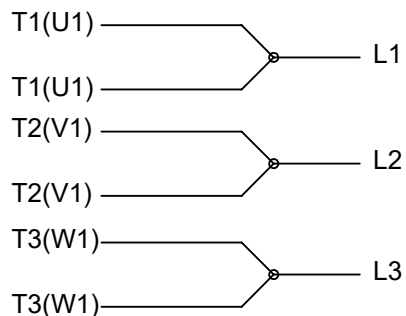
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DRAWN BY BISWA		marathon™	
DATE 13/03/2019			
APPROVED BY SBD		DESCRIPTION OUTLINE 444/445TC FR-NEMA-SD & IEEE841	
DATE 13/03/2019			
REFERENCE		MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION		SIZE B	DRAWING NUMBER SS557771
			SHEET 1 OF 1

IF MOTOR HAS 9 LEADS

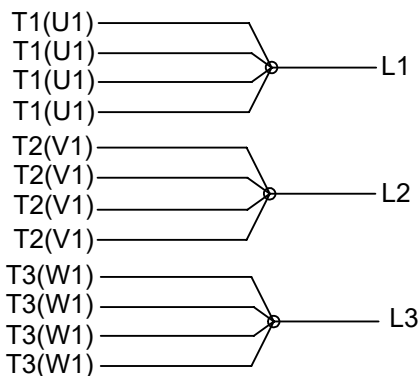
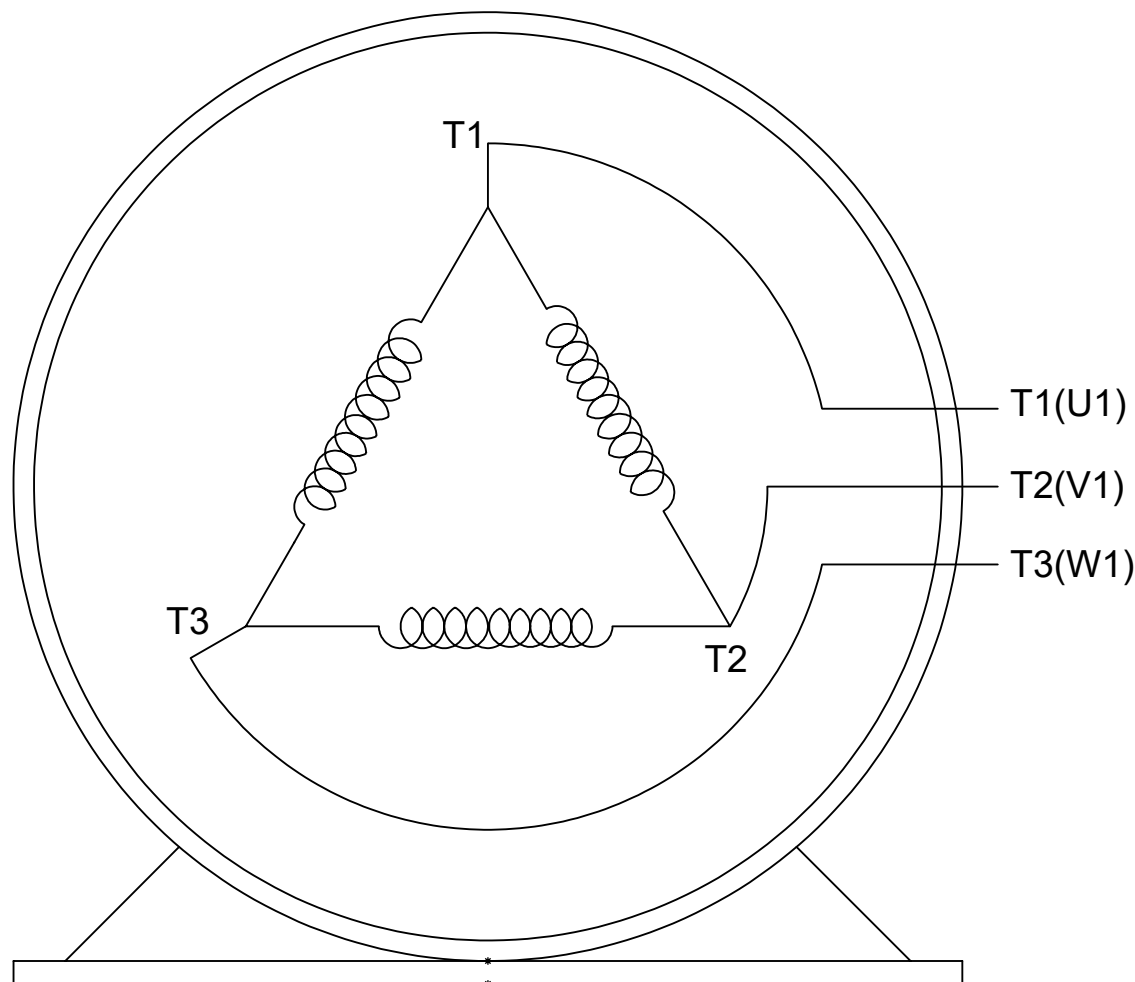


IF MOTOR HAS 6 LEADS



A-9806 DECAL IF CALLED FOR

IF MOTOR HAS 12 LEADS



VIEW OF TERMINAL END

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DRAWN BY DRS	DATE 09-27-1996
APPROVED BY GK	DATE 09-30-1996
REFERENCE	
THIRD ANGLE PROJECTION	

marathon™		
DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø SINGLE VOLTAGE		
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7300U	SHEET 1 OF 1