

Severe Duty Motors

Model No: 256TTFCD6588

Catalog No: E040

Severe Duty Motor, 10 HP, 3 Ph, 60 Hz, 230/460 V, 1200 RPM, 256TC Frame, TEFC

Product Information Packet: Model No: 256TTFCD6588, Catalog No: E040 Severe Duty Motor, 10 HP, 3 Ph, 60 Hz, 230/460 V, 1200 RPM, 256TC Frame, TEFC

Nameplate Specifications

Phase	3	Output HP	10 Hp
Output KW	7.5 kW	Voltage	230/460 V
Speed	1180 r/min	Synchronous RPM	1200 r/min
Service Factor	1.15	Frame	256TC
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection
Efficiency	91 %	Ambient Temperature	40 °C
Frequency	60 Hz	Current	25.8/12.9 A
Power Factor	80.5	Duty	Continuous
Insulation Class	H	Design Code	B
KVA Code	G	Drive End Bearing Size	6309
Opp Drive End Bearing Size	6209	UL	Listed
CSA	Y	CE	Y
IP Code	55	Number of Speeds	1
Hazardous Location	DIVISION 2 T2B		

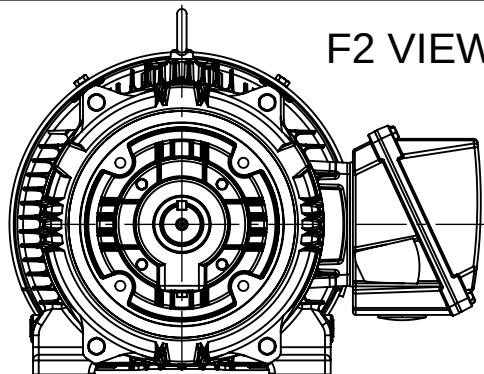
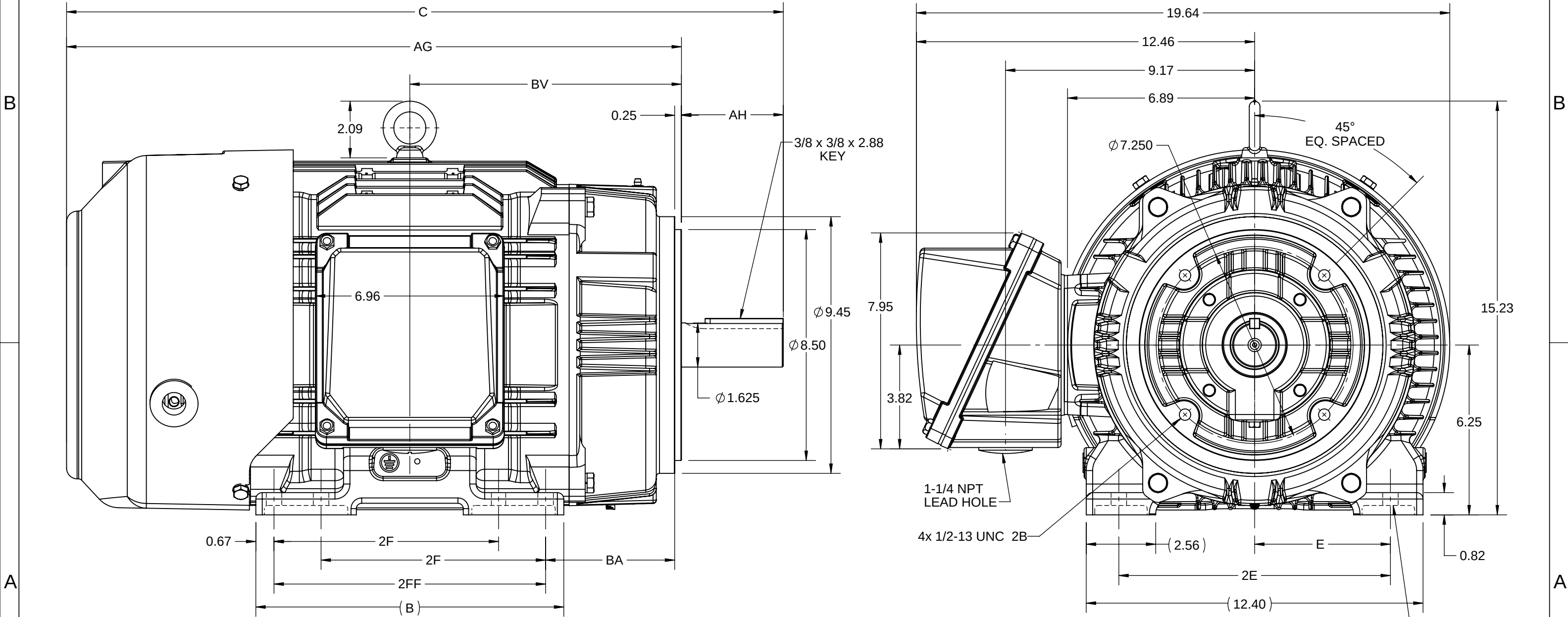
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	1.21 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	1.626 in
Assembly/Box Mounting	F1/F2 Capable	Inverter Load	Constant 10:1/Variable 10:1

Drawings

Connection Drawing	EE7308	Outline Drawing	SS208571-200
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4					3					2			1	
DASH NO.	B	C	E	2E	2F	2FF	AG	AH	BA	BV	MOUNTING	FRAME		
100	9.60	24.65	5.00	10.00	---	8.25	20.90	3.75	4.75	9.14	F1 OR F2	254TC		
200	11.34	26.39			8.25	10.00	22.64			10.00		254/256TC		



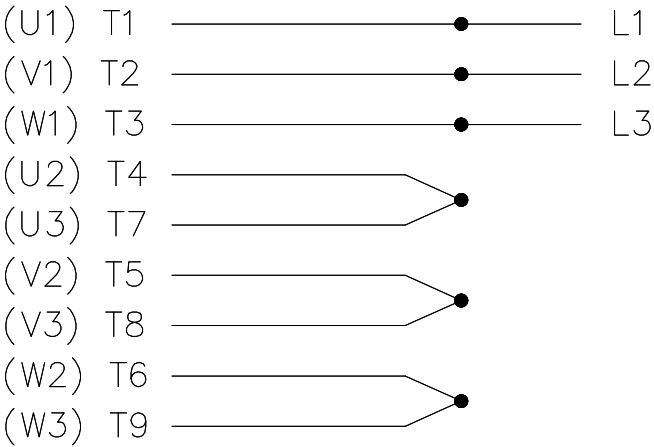
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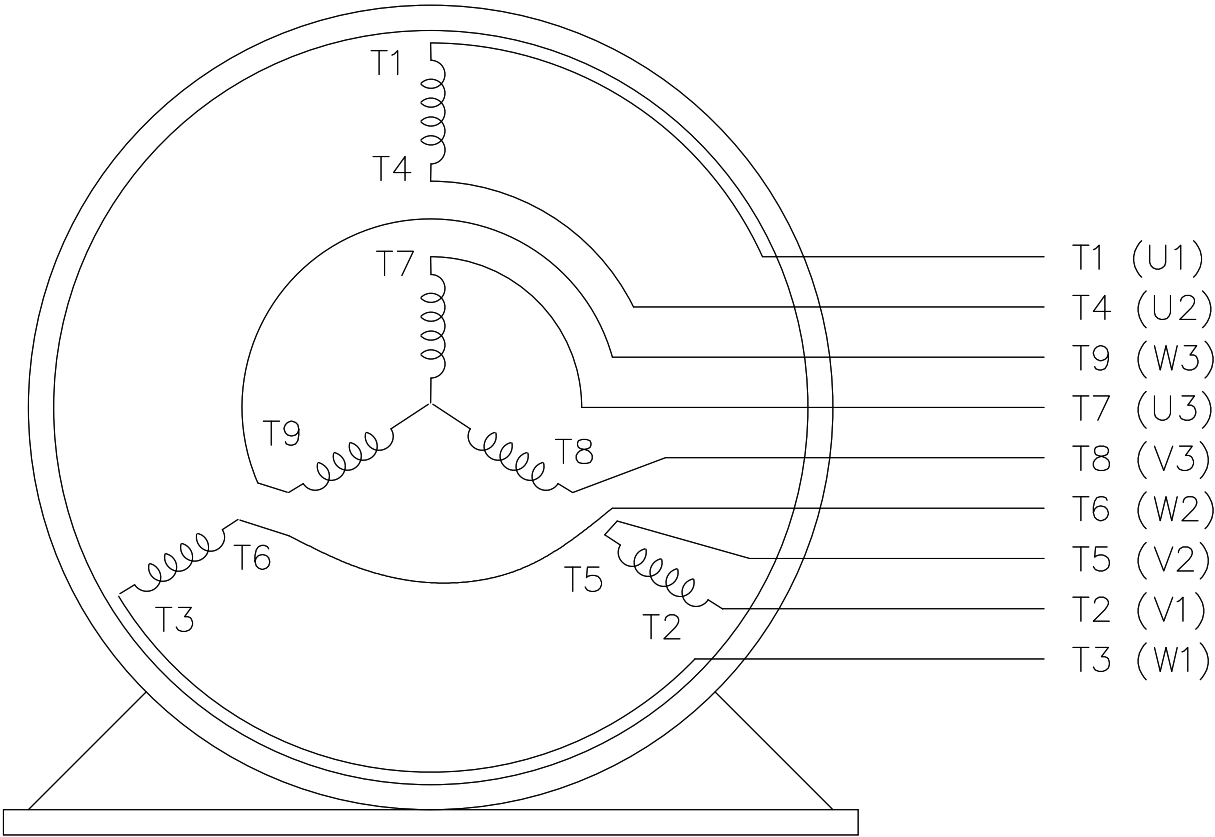
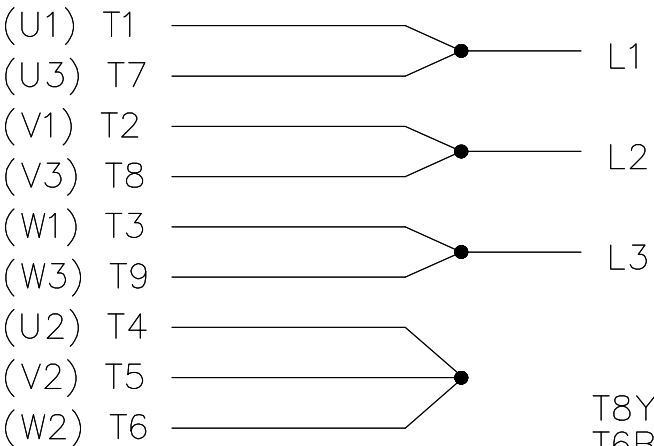
DRAWN BY BISWA	marathon™		
DATE 13/03/2019			
APPROVED BY SBD	DESCRIPTION OUTLINE 254/256TC FR-NEMA-SD & IEEE841		
DATE 13/03/2019			
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER SS208571	SHEET 1 OF 1

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

DRAWING REVISION J	REVISION BY SB	REV DATE/ © DATE 08/01/2025
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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		