

Inverter (Vector) Duty Motors

Model No: 213THTHD7776

Catalog No: Y542A

Inverter (Vector) Duty Motor, 3 HP, 3 Ph, 60 Hz, 230/460 V, 1200 RPM, 213TC Frame, TENV

Product Information Packet: Model No: 213THTHD7776, Catalog No: Y542A Inverter (Vector) Duty Motor, 3 HP, 3 Ph, 60 Hz, 230/460 V, 1200 RPM, 213TC Frame, TENV

Nameplate Specifications

Phase	3	Output HP	3 Hp
Output KW	2.2 kW	Voltage	230/460 V
Speed	1185 r/min	Synchronous RPM	1200 r/min
Service Factor	1.00	Frame	213TC
Enclosure	Totally Enclosed Non Ventilated	Thermal Protection	Thermostat
Efficiency	88.5 %	Ambient Temperature	40 °C
Frequency	60 Hz	Current	9.6/4.8 A
Power Factor	67	Duty	Continuous
Insulation Class	H	Design Code	INV
KVA Code	M	Drive End Bearing Size	6309
Opp Drive End Bearing Size	6206	UL	Recognized
CSA	Y	CE	Y
IP Code	55	Number of Speeds	1

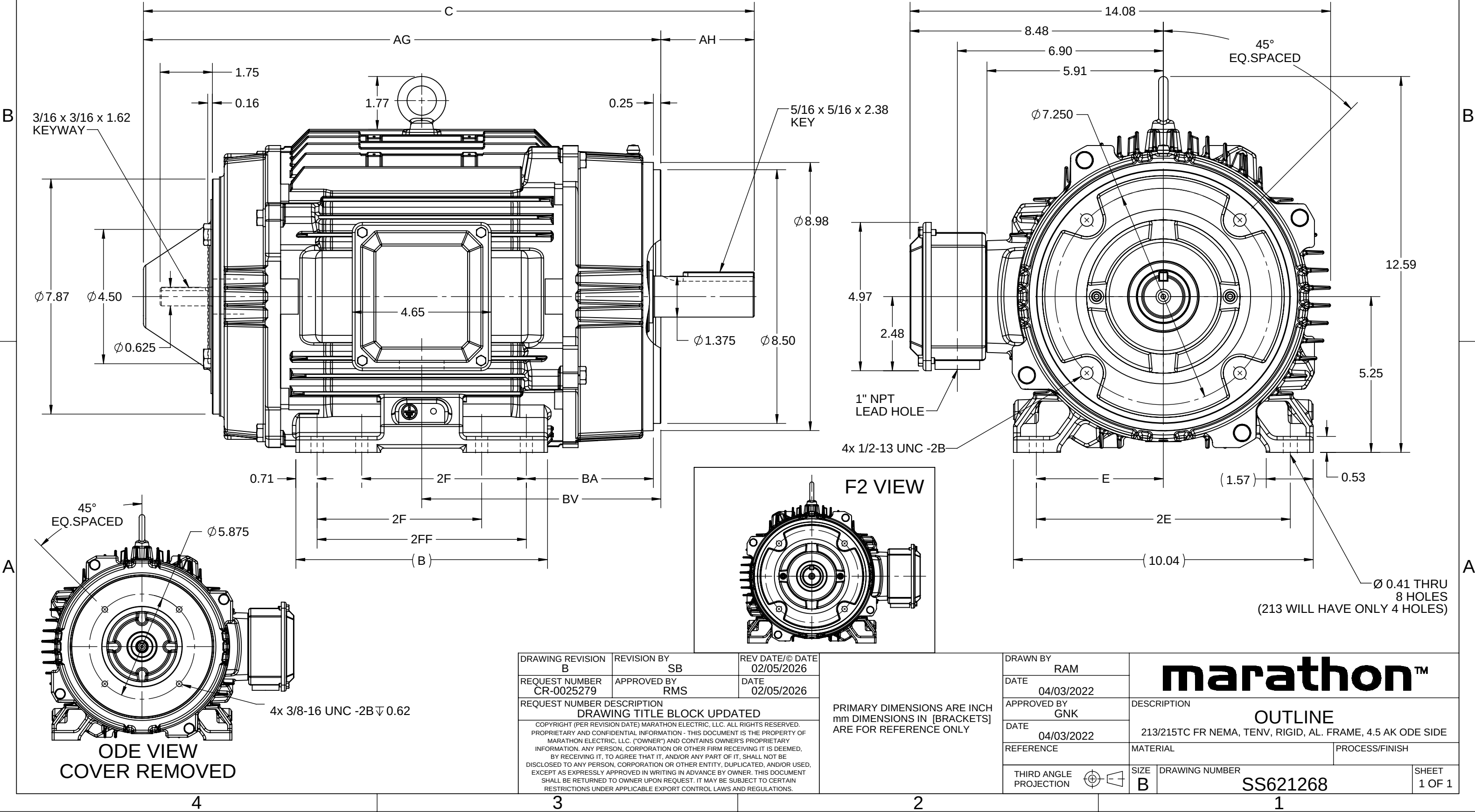
Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	6	Rotation	Reversible
Resistance Main	3.012 O	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Assembly/Box Mounting	F1/F2 Capable
Inverter Load	Constant 1000:1		

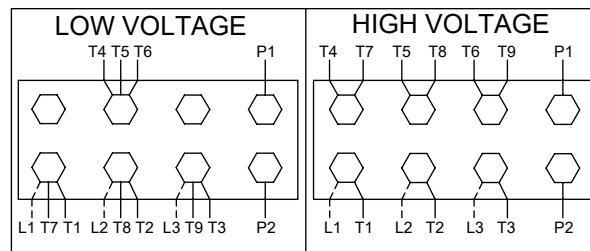
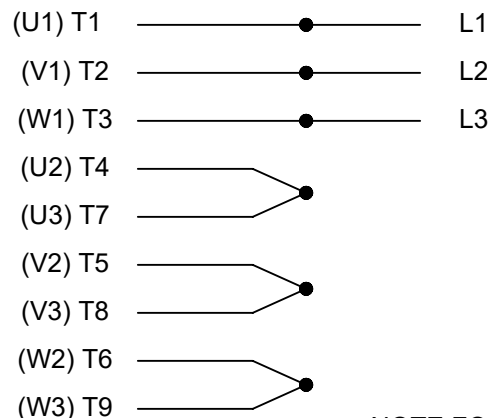
Drawings

Connection Drawing	EE7308T	Outline Drawing	SS621268-100
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4				3				2				1
DASH NO.	B	C	E	2E	2F	2FF	AG	AH	BA	BV	MOUNTING	FRAME
100	6.93	18.95	4.25	8.50	---	5.50	15.83	3.12	4.25	7.26	F1 OR F2	213TC
200	8.43	20.45			5.50	7.00	17.33			8.00		213/215TC

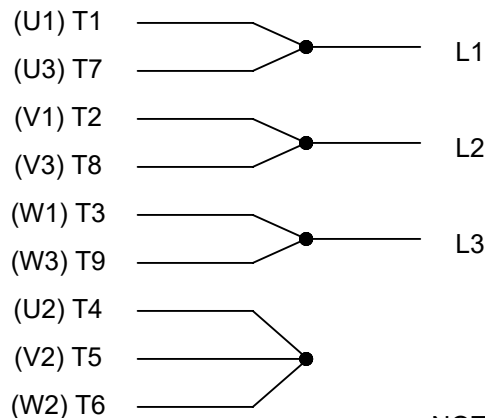


HIGH VOLTAGE

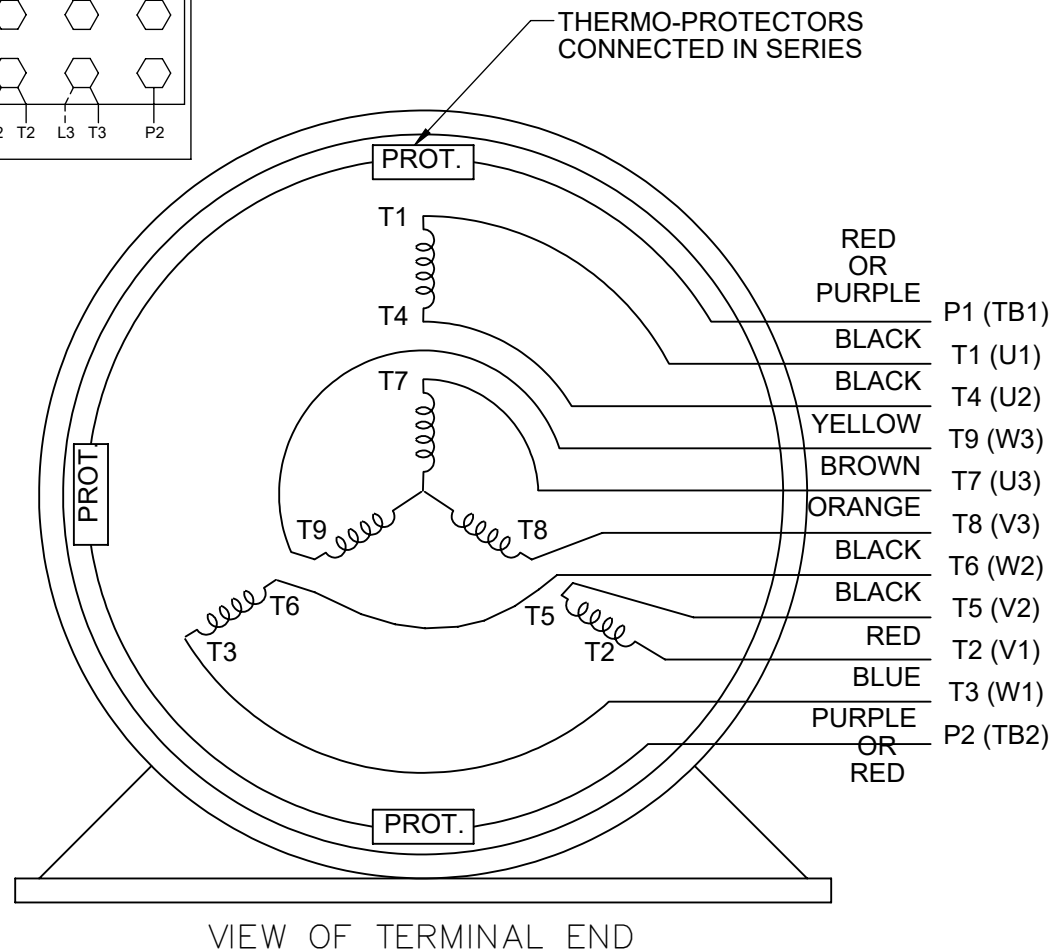


NOTE FOR FACTORY USE ONLY:
TO SURGE TEST FOR COMMON CONNECT:
HIGH VOLT: CONNECT P1 TO T1
THEN P2 TO L1
LOW VOLT: CONNECT P1 TO T1 & T7,
THEN P2 TO L1

LOW VOLTAGE



THREE PHASE DUAL VOLTAGE MOTOR



NOTE: LEAD'S COLOR CAN BE YELLOW OR WHITE FOR IMG PLANT

DRAWING REVISION U	REVISION BY SB	REV DATE/© DATE 08/01/2025
REQUEST NUMBER CR-0023654	APPROVED BY SBD	DATE 08/01/2025
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED		
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DRAWN BY SMC	DATE 05-13-1992
APPROVED BY TB	DATE 05-13-1992
REFERENCE EE7308/EE7300	THIRD ANGLE PROJECTION

marathon™		
DESCRIPTION CONN DIAGRAM-EXTERNAL 3 PHASE - DUAL VOLTAGE MOTOR		
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7308T	SHEET 1 OF 1