

Inverter (Vector) Duty Motors

Model No: 213THTHD7726

Catalog No: Y545A

Inverter (Vector) Duty Motor, 7.50 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 213TC Frame, TENV

Product Information Packet: Model No: 213THTHD7726, Catalog No: Y545A Inverter (Vector) Duty Motor, 7.50 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 213TC Frame, TENV

Nameplate Specifications

Phase	3	Output HP	7.50 Hp
Output KW	5.6 kW	Voltage	230/460 V
Speed	1770 r/min	Synchronous RPM	1800 r/min
Service Factor	1.00	Frame	213TC
Enclosure	Totally Enclosed Non Ventilated	Thermal Protection	Thermostat
Efficiency	90.6 %	Ambient Temperature	40 °C
Frequency	60 Hz	Current	20.0/10.0 A
Power Factor	78	Duty	Continuous
Insulation Class	H	Design Code	INV
KVA Code	L	Drive End Bearing Size	6309
Opp Drive End Bearing Size	6206	UL	Recognized
CSA	Y	CE	Y
IP Code	55	Number of Speeds	1

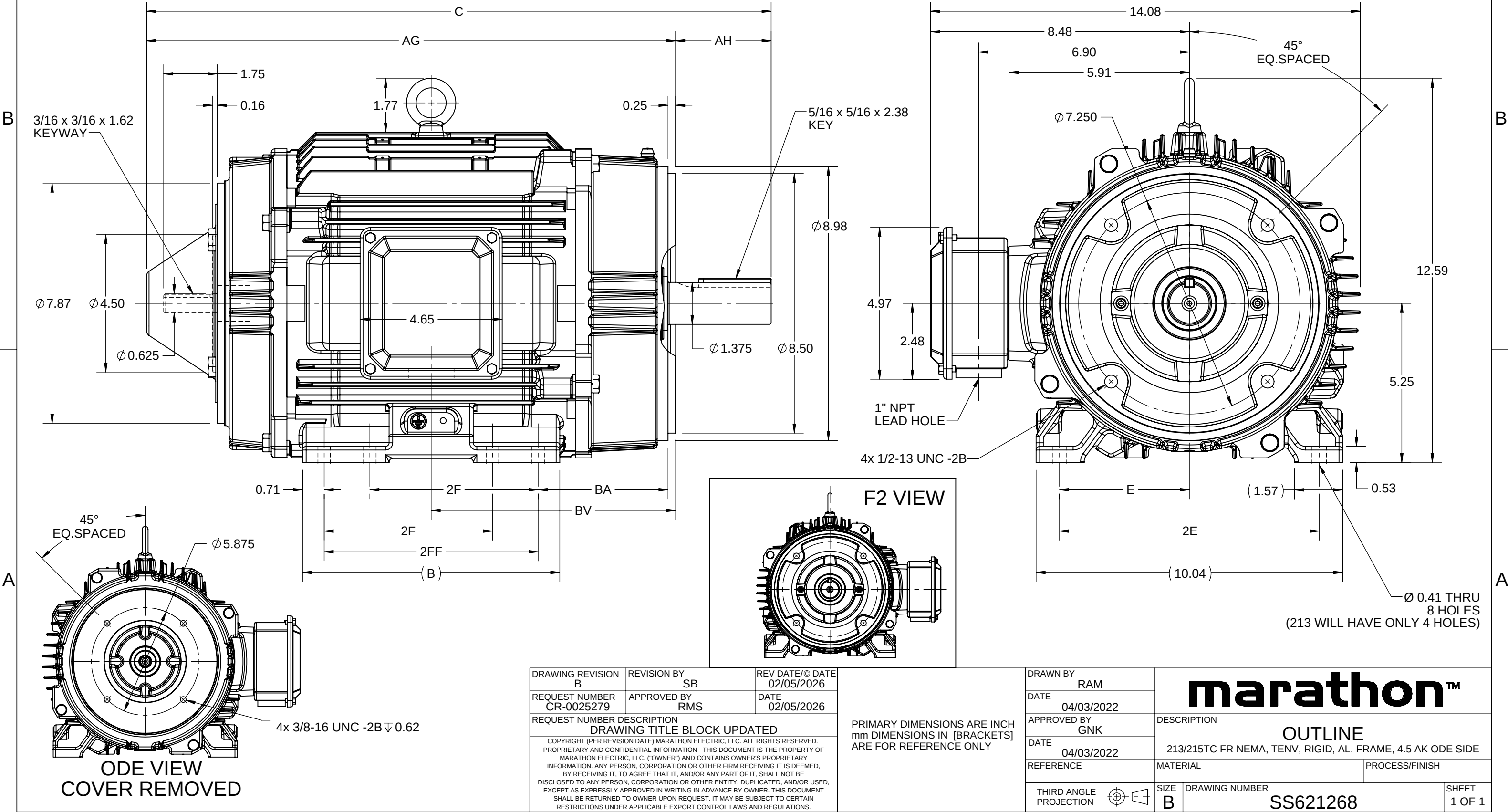
Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	1.142 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

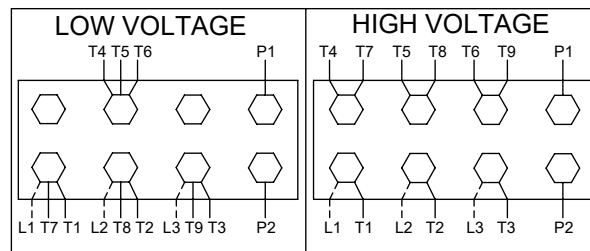
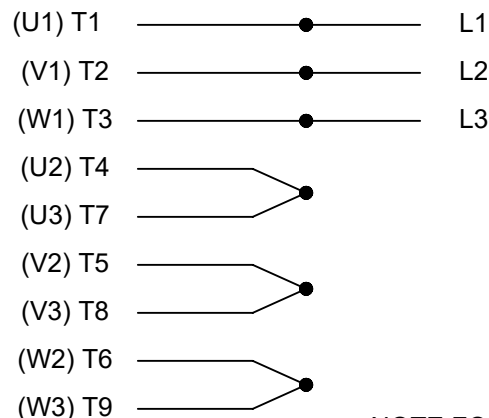


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REQUEST NUMBER CR-0025279	APPROVED BY RMS	DATE 02/05/2026
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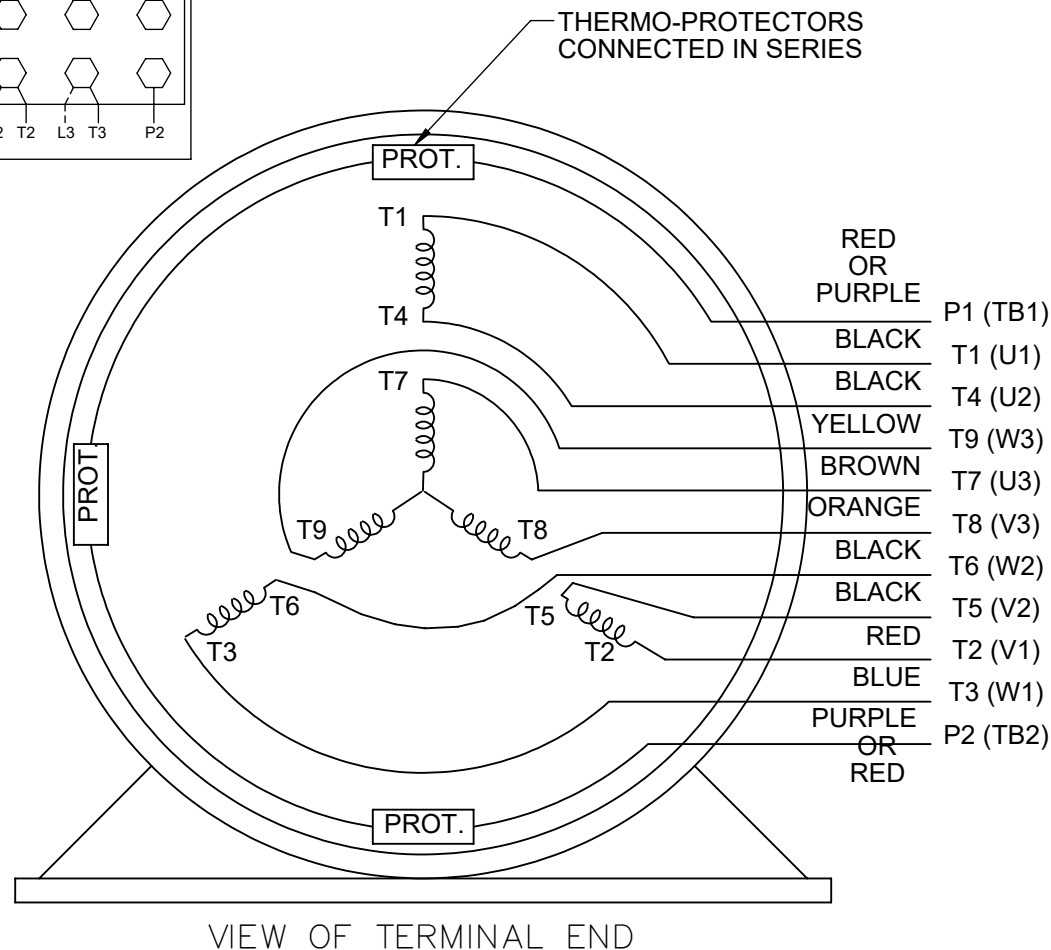
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DRAWN BY RAM	marathon™		
DATE 04/03/2022			
APPROVED BY GNK	DESCRIPTION OUTLINE		
DATE 04/03/2022	213/215TC FR NEMA, TENV, RIGID, AL. FRAME, 4.5 AK ODE SIDE		
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER SS621268	SHEET 1 OF 1

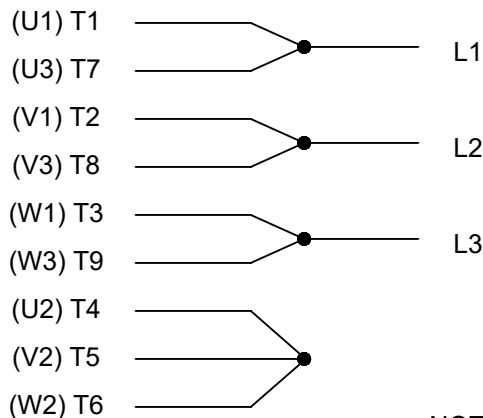
HIGH VOLTAGE



THREE PHASE DUAL VOLTAGE MOTOR



LOW 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

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

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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