

PRODUCT INFORMATION PACKET



Model No: 445TTFN14575
Catalog No: 445TTFN14575
150,1800,TEFC,445TC,3/60/230/460

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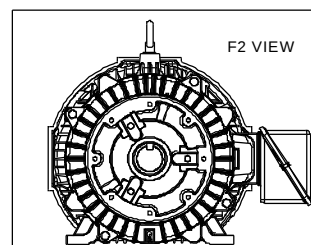
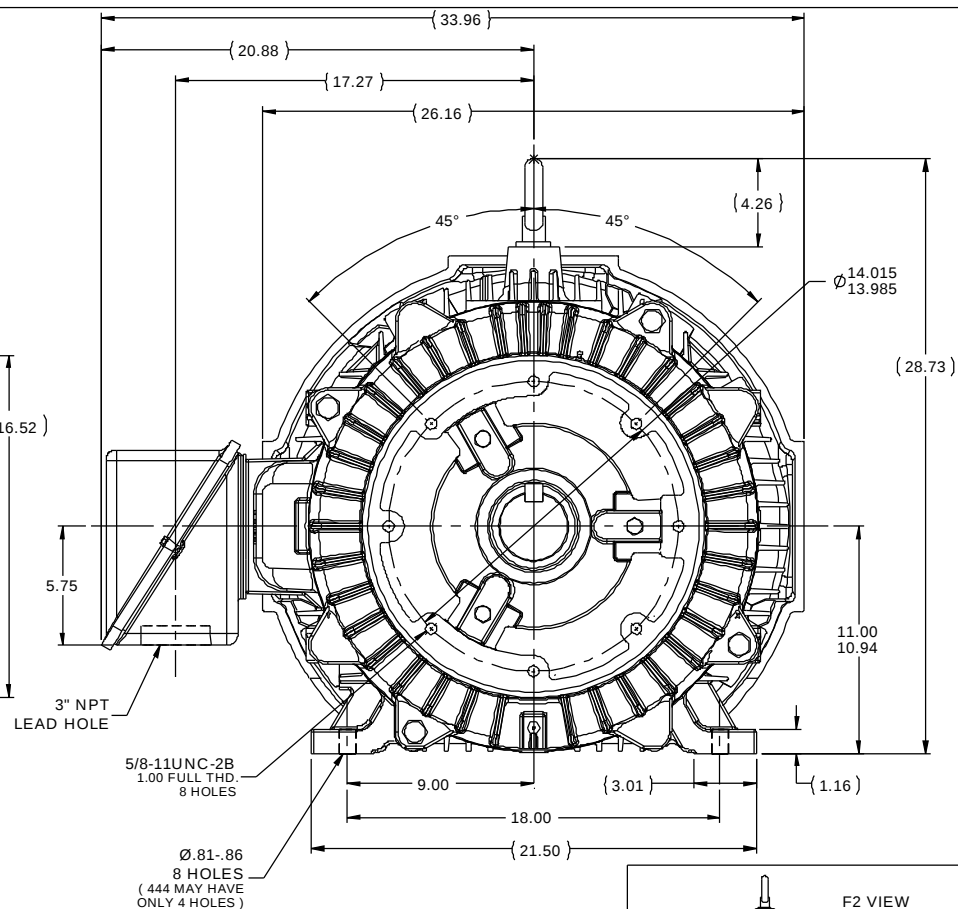
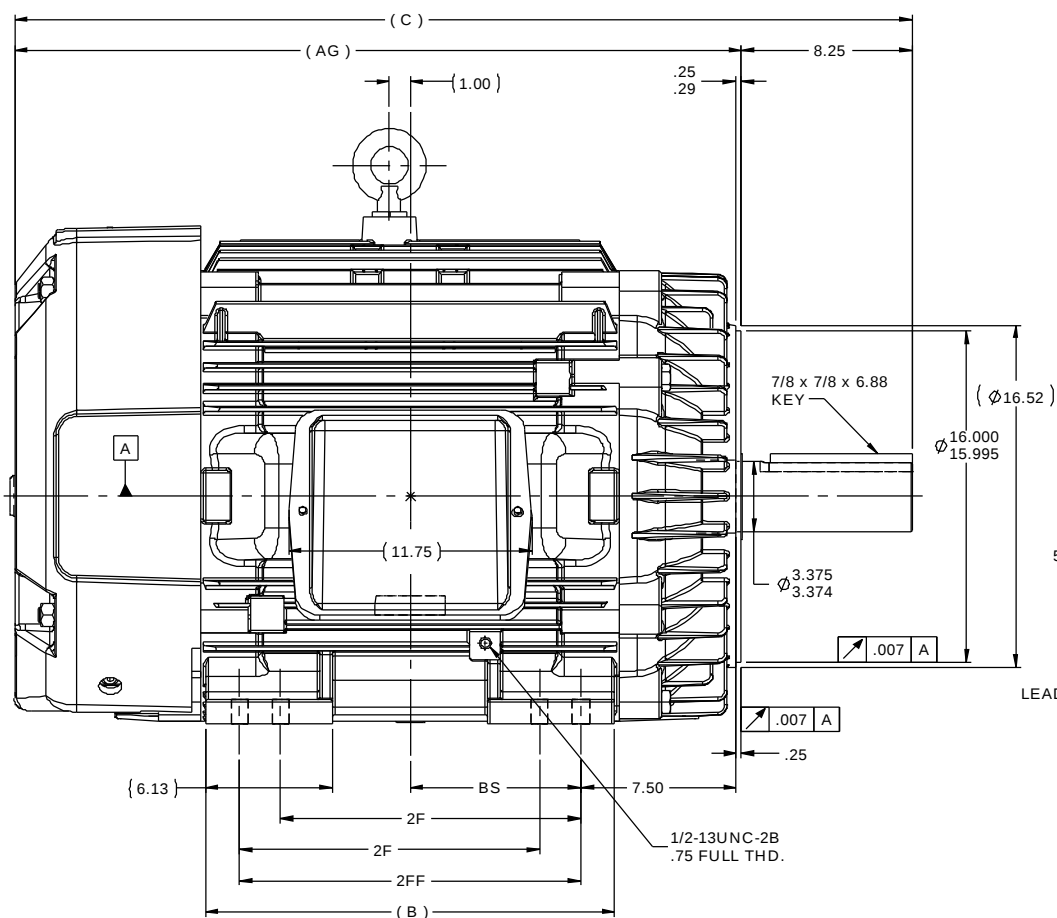
Nameplate Specifications

Phase	3	Output HP	150 Hp
Output KW	112.0 kW	Voltage	230/460 V
Speed	1785 rpm	Service Factor	1.15
Frame	445TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	95 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	348.0/174.0 A	Power Factor	85.5
Duty	Continuous	Insulation Class	F
Design Code	C	KVA Code	G
Drive End Bearing Size	6318	Opp Drive End Bearing Size	6316
UL	Recognized	CSA	Y
CE	Y	IP Code	56
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.025 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS514088-2025	Connection Drawing	A-EE7308U

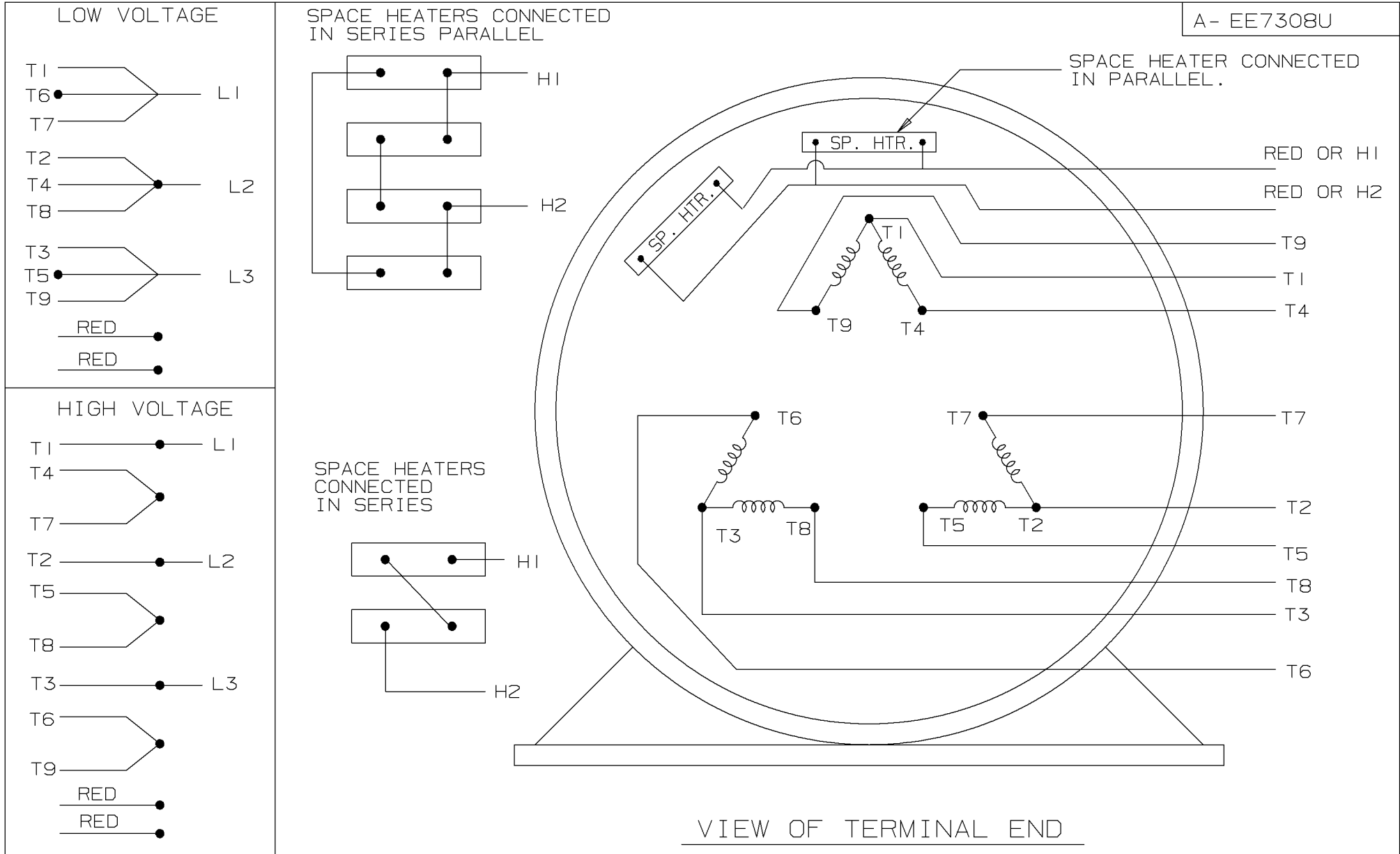
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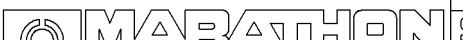


- NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
 3. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

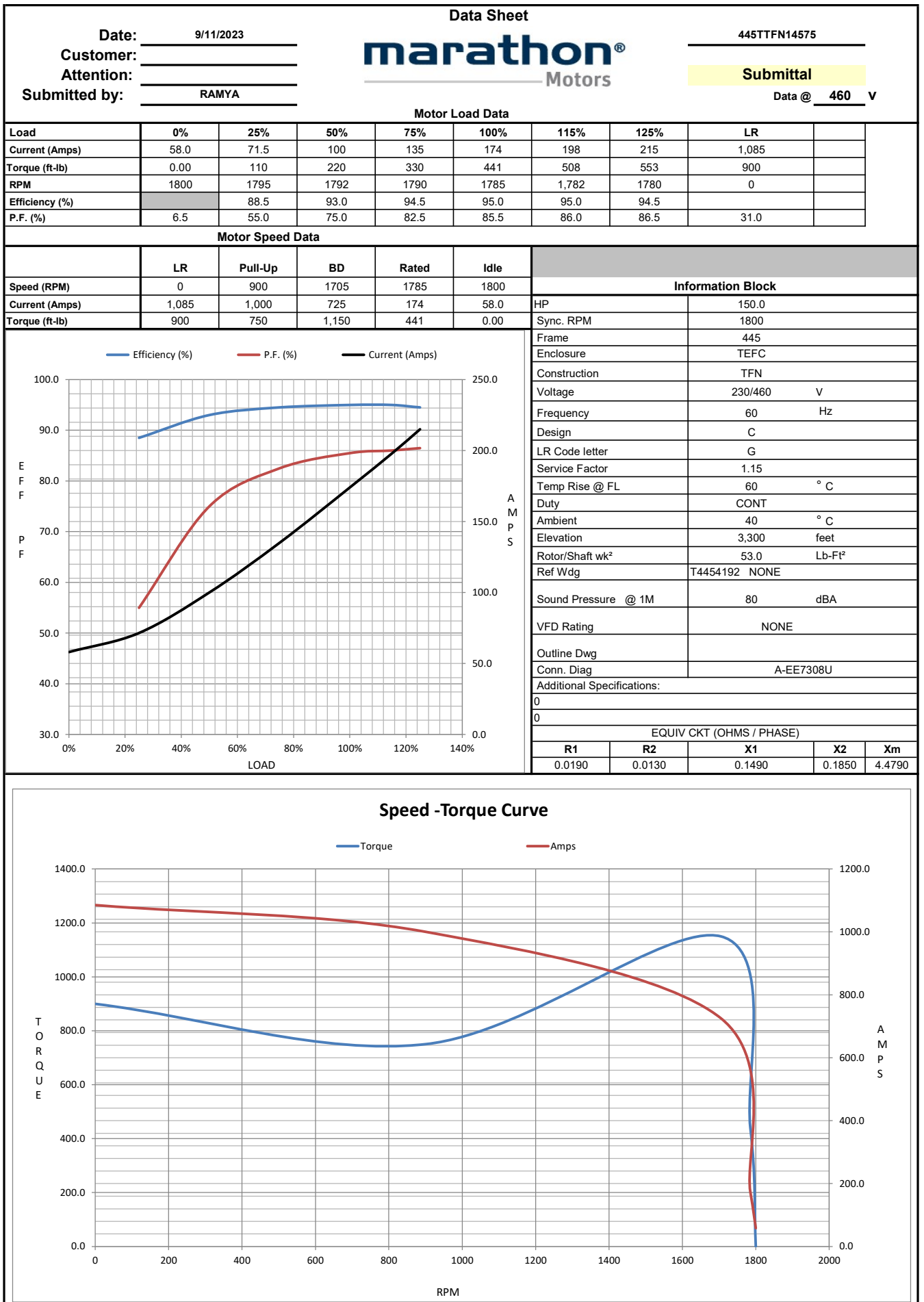
DASH	FRAME	B	AG	C	2F	2FF	BS
1825	444TC	17.75	33.10	41.35	14.50	- - -	7.25
2025	444/445TC	19.75	35.10	43.35	14.50	16.50	8.25

		TOLERANCES UNLESS SPECIFIED		marathon [®] electric		DRAWN DRS 01-31-2007	
		DEC	INCHES			CHK	ML 01-31-2007
		X	±.1			APPR	JES 01-31-2007
2	UPDATED FRAME TO CURRENT STD'S. ISAAC 09-5049	JJB	02-21-2013	XX	±.03	TITLE OUTLINE	
1	UPDATED FRAME AND ADDED ALTERNATE CONFIGURATION & F2 VIEWS PER MU94199	JJB	02-11-2010	XXX	±.005	444/445TC FR. - TEFC - STD.	
		MH	XXXX	±.0005	MAT'L	SCALE	1:6
		CHK	ANG	±1/2°	FINISH	REF	
		RFP	01-31-2007	PREV		FMF	MU77579
		BY & DATE		NETWORK FILE NAME	SS514088	PAGE	OF
		THIRD ANGLE PROJECTION		SIZE	B	DRAWING NO	SS514088
						REV	2



				✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±.02 XXX±.005 XXXX±.0005 ANGLES± 7°30"		
				MATL SPEC			DRAWN BY PGK 09-18-1996
				FINISH			CHKD BY ML 10-02-1996
8	10-02-1996	REDRAWN ON CADD & REVISE TO HAVE LEADS FOR HEATER MARK H1 OR H2 CN 22969	PGK	REFERENCE DRW.	WAUSAU, WISCONSIN 54401		APPD BY GK 10-02-1996
REV	DATE	CHANGE	NAME	PART NAME CONNECTION DIAGRAM DELTA CONN. - 3Ø - 1-2CKT/SPACE HEATER			DRWG NO A - EE7308U
		SHOP BOOK	PURCHASED	DISTRIBUTION - WA - LB - WP - LM - BR			CADD FILE NO. EE7308U

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