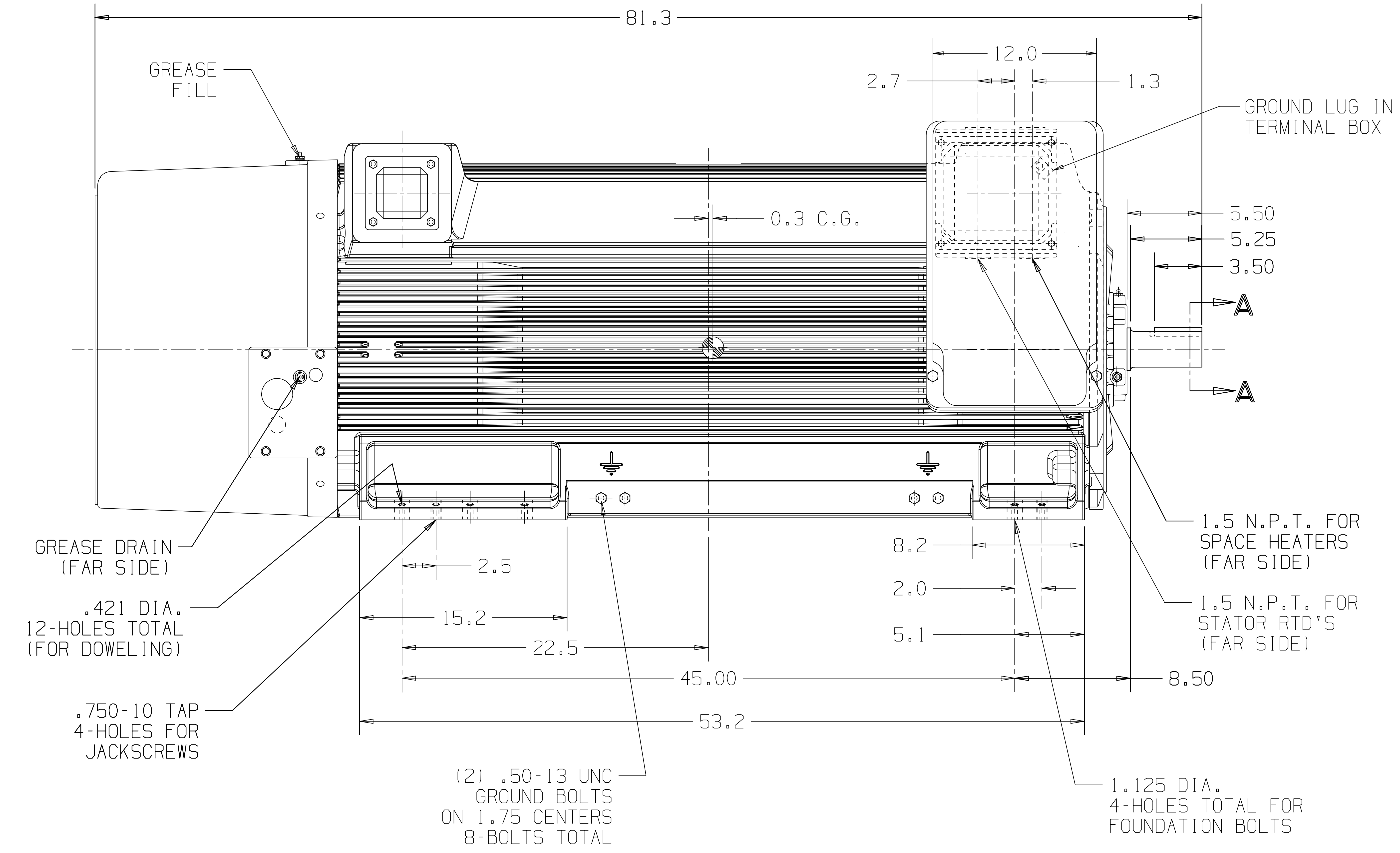
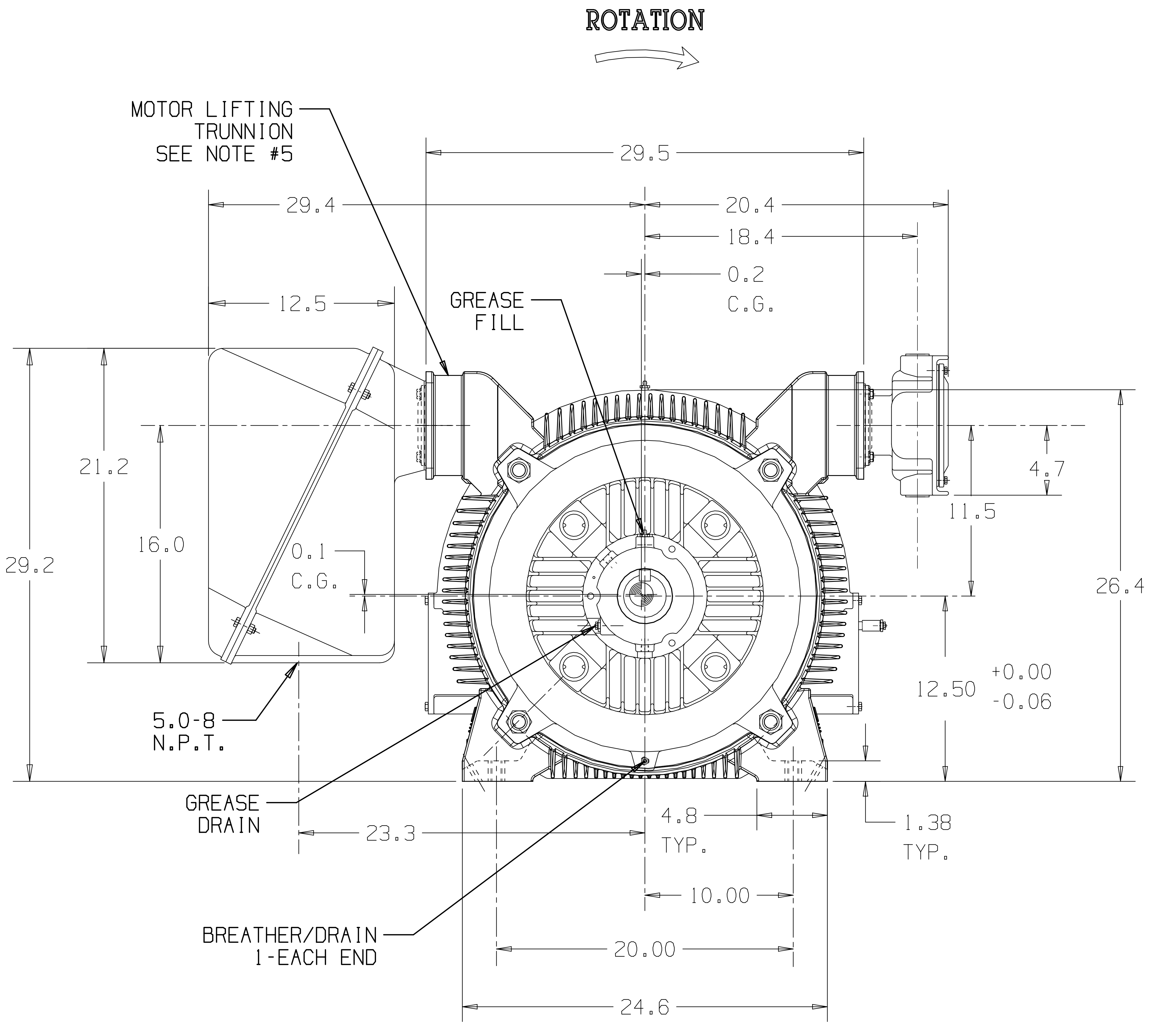
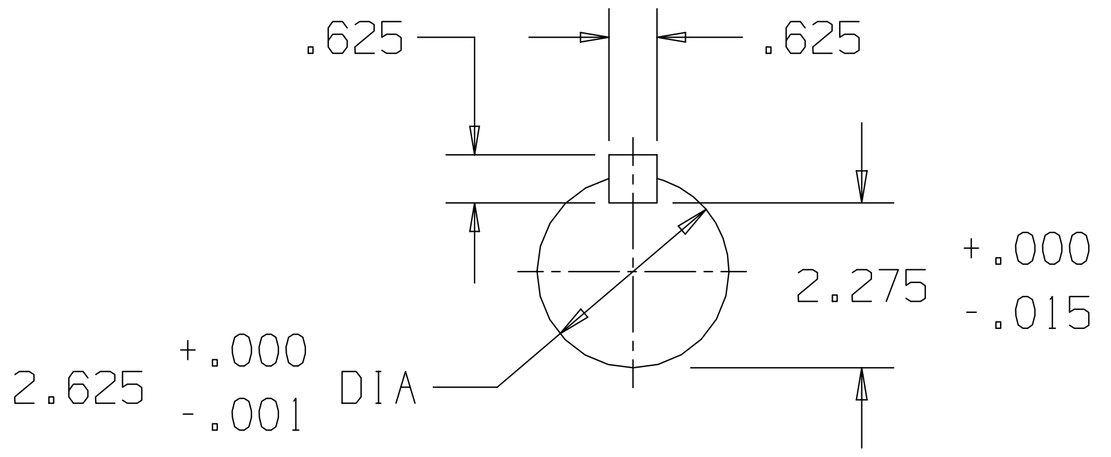
NOTES:
1. MAIN TERMINAL BOX IS ROTATABLE IN 90° INCREMENTS.
2. APPROXIMATE WEIGHT OF MOTOR: 6,375#
APPROXIMATE WEIGHT OF ROTOR: 1,006#
3. THIS MOTOR IS SUITABLE FOR DIRECT CONNECTION ONLY.
SHIMS MAY BE NECESSARY UNDER MOTOR FEET FOR DIRECT CONNECTION.
4. THIS MOTOR IS SUITABLE FOR ONE DIRECTION OF ROTATION ONLY. SEE ARROW ON THIS DRAWING AND ON MOTOR. OPERATION IN THE WRONG DIRECTION MAY RESULT IN OVERHEATING.
5. WHEN LIFTING MOTOR, LIFT BY TWO DIAGONALLY OPPOSITE TRUNNIONS AT THE SAME TIME.
6. FOR RELUBRICATION OF BEARINGS, SEE LUBRICATION PLATE ON MOTOR.
7. NON-DRIVE END BEARING IS INSULATED. INSULATE ANY CONNECTIONS TO THIS BEARING.
BEARING SPECIFIED: DRIVE END: 6315 (75BC03J3)
NON DRIVE END: 6215 (75BC02J3)
8. FOR SAFETY PROCEDURES AND ALIGNMENT REQUIREMENTS, SEE INSTRUCTION MANUAL.


81.3
GREASE FILL
12.0
2.7
1.3
GROUND LUG IN TERMINAL BOX
0.3 C.G.
5.50
5.25
3.50
A
A
GREASE DRAIN (FAR SIDE)
.421 DIA. 12-HOLES TOTAL (FOR DOWELING)
.750-10 TAP 4-HOLES FOR JACKSCREWS
2.5
15.2
22.5
45.00
53.2
8.50
8.2
2.0
5.1
1.5 N.P.T. FOR SPACE HEATERS (FAR SIDE)
1.5 N.P.T. FOR STATOR RTD'S (FAR SIDE)
(2) .50-13 UNC GROUND BOLTS ON 1.75 CENTERS 8-BOLTS TOTAL
1.125 DIA. 4-HOLES TOTAL FOR FOUNDATION BOLTS





SECTION A-A

SIEMENS
CERTIFIED PRINT
CUSTOMER INITIATED CHANGES MAY AFFECT PRICE AND DELIVERY
PRODUCTION WILL PROCEED ON THE BASIS OF THIS DRAWING

CUSTOMER
EAST COAST ELECTRICAL

P.O.#
16789

S.O.#
3006956676-10

HP	RPM	FRAME	TYPE	VOLTS	PH	Hz
800	3600	5013S	CMZ	2300/4000	3	60

CAD FORMAT REQUESTED: DWG ☒ DXF ☐ KAH

Tolerance	Surface	Material	Weight 0 kg	Scale inch
SIMILAR TO A5E38014200A	Author Francis	OUTLINE_1LA2_H_5013_4_AF_F1_CW_CI2		
	Creator 2018-01-15 Francis			
	Approval 2018-01-16 Sucher			
	Department PD LD AP MF-NOW EN BPE			
	Change Order P5A00258143	MLFB		Doc Type TB / MB
SIEMENS	Doc State Released	Item No		Paper Size D
	Revision 001 Index RS AA	Doc No A5E43949996A		1st Language en 2nd Language de
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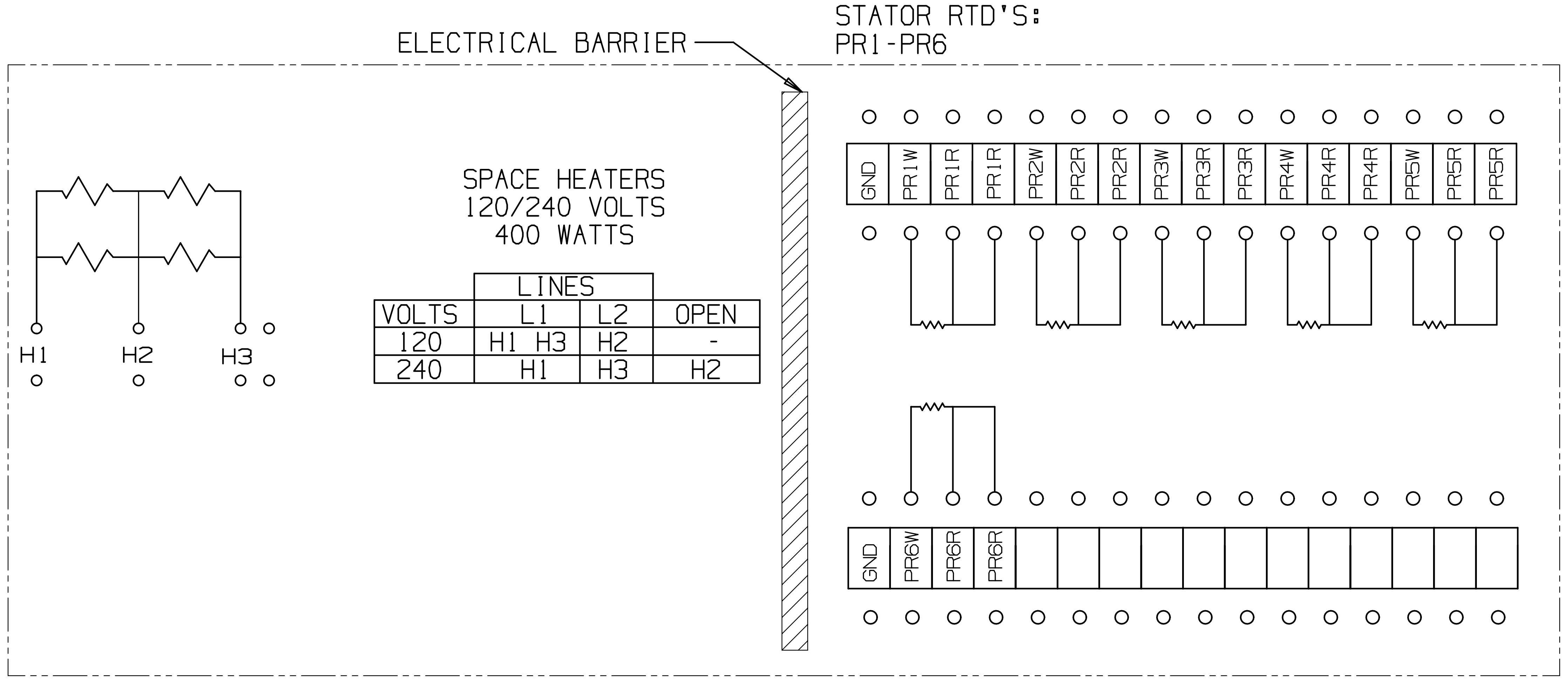
FOUNDATION LOADING

LOADING CONDITIONS	LOADING PER SIDE
STATIC:	3187.5 lbs
RATED TORQUE:	3187.5 ± 706 lbs
LOCKED ROTOR TORQUE:	3187.5 ± 586 lbs
BREAK DOWN TORQUE:	3187.5 ± 1363 lbs
SHORT CIRCUIT TORQUE:	3187.5 ± 3810 lbs

STATOR RTD
SLOT AND PHASE LOCATION

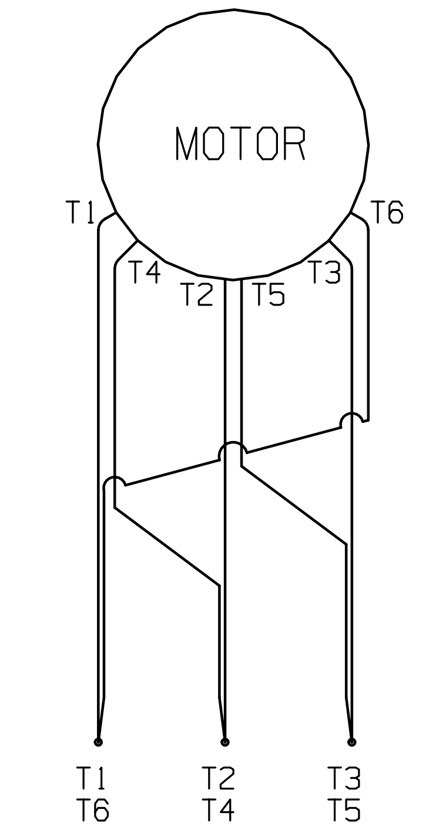
	SLOT	PHASE
PR1	1	A
PR2	9	B
PR3	17	C
PR4	25	A
PR5	33	B
PR6	41	C

SLOT #1 IS IN 12 O'CLOCK POSITION. SLOTS COUNTED CLOCKWISE FACING CONN. END

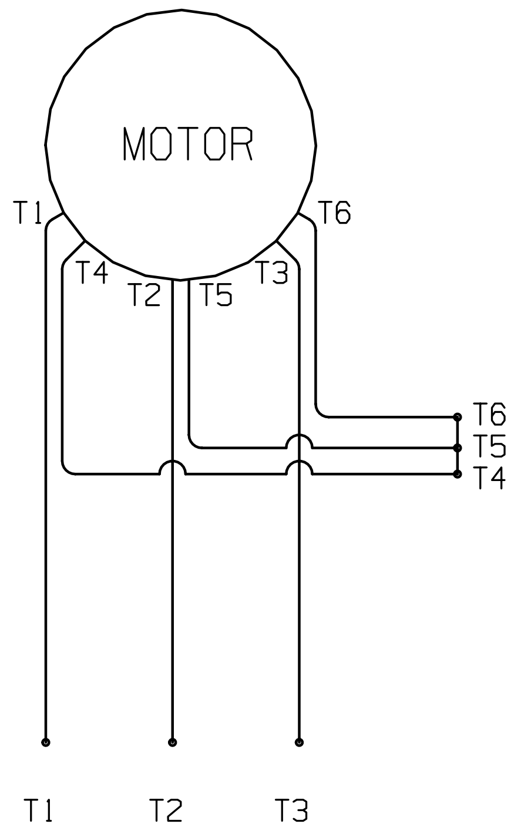


	LINES		
VOLTS	L1	L2	OPEN
120	H1 H3	H2	-
240	H1	H3	H2

TERMINAL BOARD ARRANGEMENT IN AUXILIARY BOX FOR SPACE HEATERS, AND 100 OHM STATOR RTD'S



LOW VOLTAGE MOTOR CONNECTION DIAGRAM



HIGH VOLTAGE MOTOR CONNECTION DIAGRAM

SIEMENS

CERTIFIED PRINT

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HP	RPM	FRAME	TYPE	VOLTS	PH	Hz
800	3600	5013S	CMZ	2300/4000	3	60

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SIMILAR TO A5E38014200A	Author Francis	OUTLINE_1LA2_H_5013_4_AF_F1_CW_CI2		
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