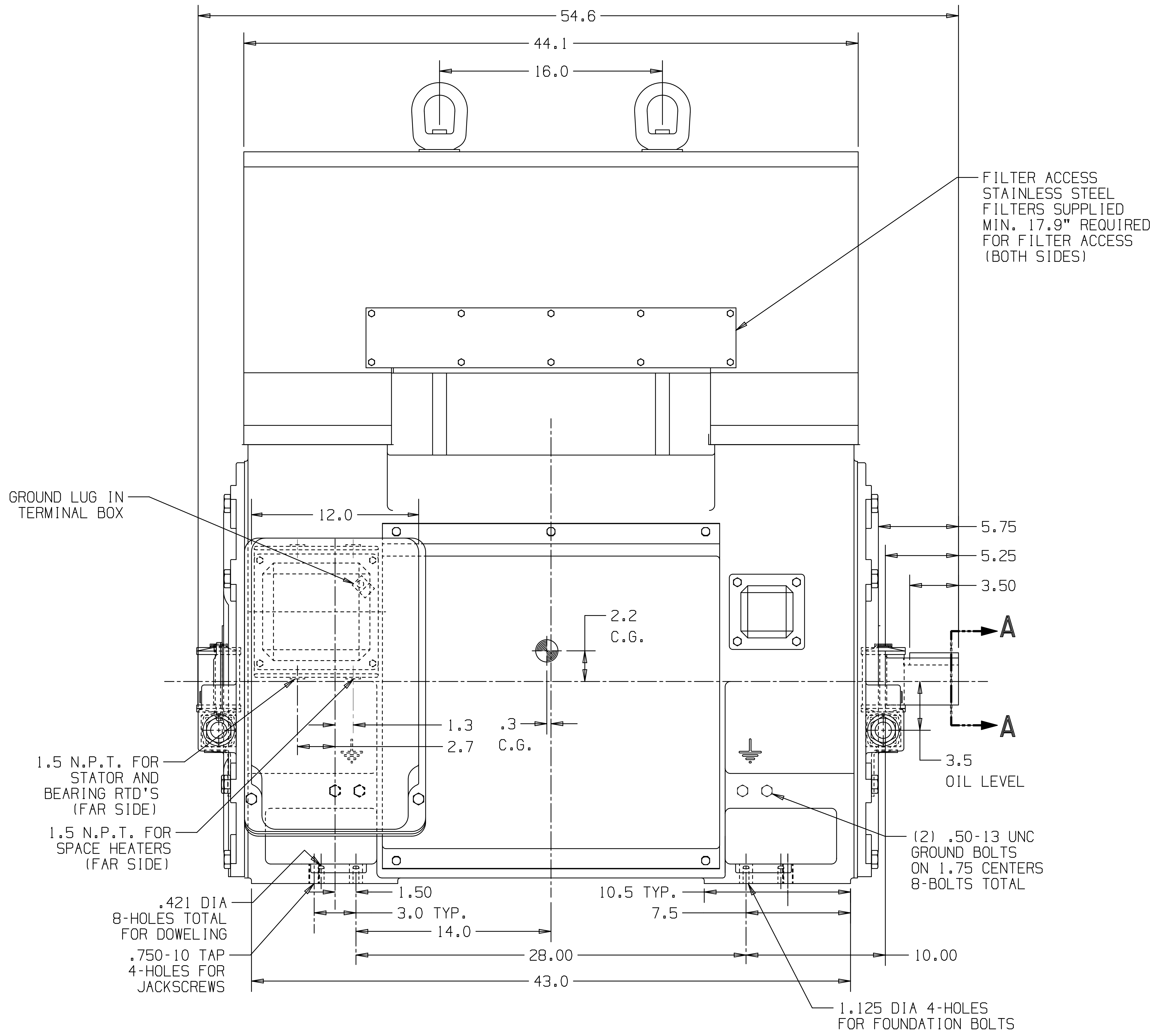
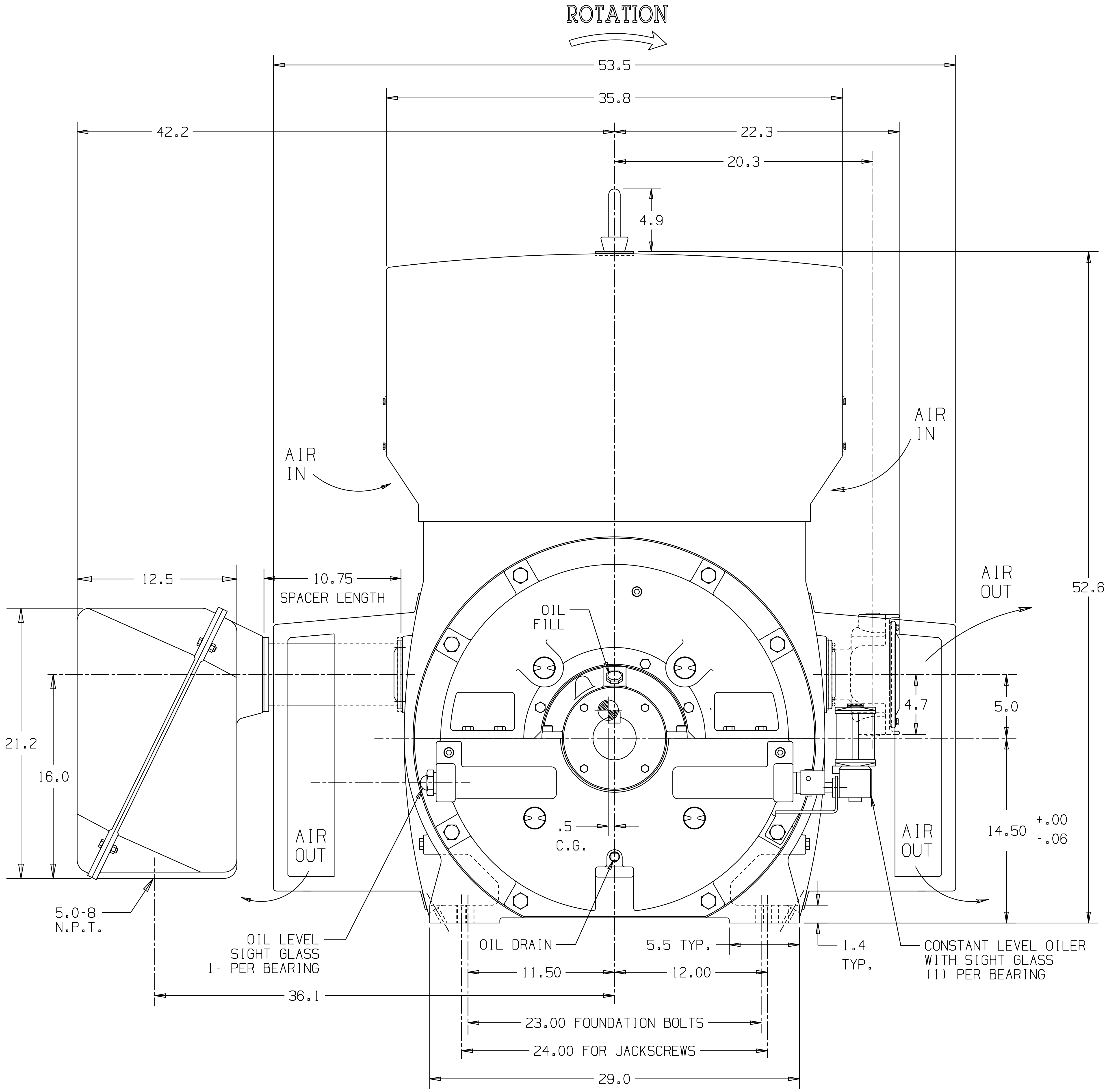
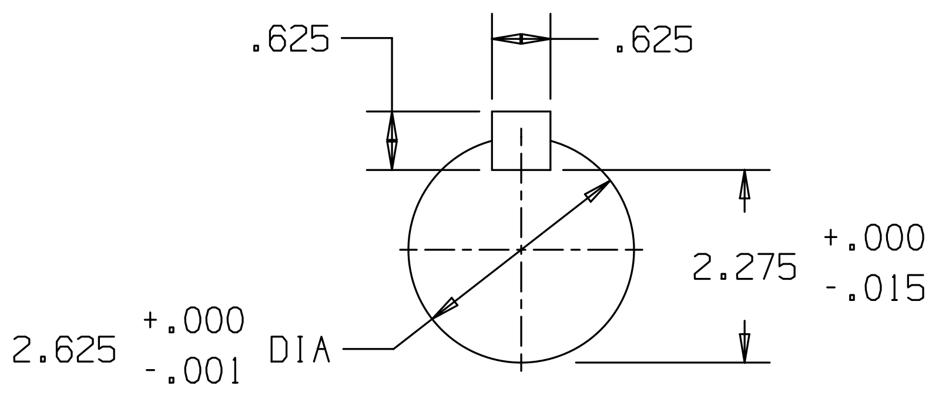
NOTES:
1. MAIN CONDUIT BOX MAY BE ROTATED IN STEPS OF 90°.
2. APPROXIMATE WEIGHT OF MOTOR: 5,300#
   APPROXIMATE WEIGHT OF ROTOR: 740#
3. THIS MOTOR IS SUITABLE FOR DIRECT CONNECTION ONLY.
   SHIMS MAY BE NECESSARY UNDER MOTOR FEET FOR DIRECT CONNECTION.
4. THIS MOTOR IS SUITABLE FOR ROTATION IN ONE DIRECTION.
   SEE DIRECTION ARROW ON THIS DRAWING AND ON MACHINE,
   OPERATION IN WRONG DIRECTION CAN CAUSE MACHINE OVERHEATING.
5. NON-DRIVE END BEARING IS INSULATED, INSULATE ANY CONNECTIONS
   TO THIS BEARING.
6. WHEN LIFTING MOTOR, LIFT BY BOTH LIFTING EYELETS AT THE SAME TIME. ALWAYS USE
   A SPREADER OF A SIZE THAT RESULTS IN A VERTICAL LIFT AT EACH LIFT POINT.

MOTOR DATA:
ROTOR END FLOAT = .50"
END FLOAT OF LTD END FLOAT CPLG = .19"
OIL CAPACITY PER BEARING = 3.5 QT.
USE A HIGH QUALITY TURBINE OIL HAVING A VISCOSITY
OF 140 TO 160 SUS AT 100°F (ISO VG 32)
MAXIMUM DIA. OF SHAFT LATHE CENTERS =1.03"
FOR SAFETY PROCEDURES AND ALIGNMENT REQUIREMENTS,
SEE THE INSTRUCTION MANUAL







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.#
16038

S.O.#
3006187718-30

HP	RPM	FRAME	TYPE	VOLTS	PH	Hz
900	3600	588Z	CGII	2300/4000	3	60

CAD FORMAT REQUESTED: DWG ☒ DXF ☐ KAH

Tolerance	Surface	Material	Weight 0	Scale inch
SIMILAR TO: A5E35320627A	Author Emery	OUTLINE_1RP2_H_588_2_SB_F1_CW_C12		
	Creator 2016-10-25 Emery			
	Approval see PDM see PDM			
	Department NAM RC-US I DT LD APP OPS ENG			
	Change Order P5A00186726	MLFB	Doc Type TB / MB	
SIEMENS	Doc State see PDM	Item No	Paper Size D	
	Revision 001 Index RS AA	Doc No A5E39565204A	1st Language en 2nd Language de	
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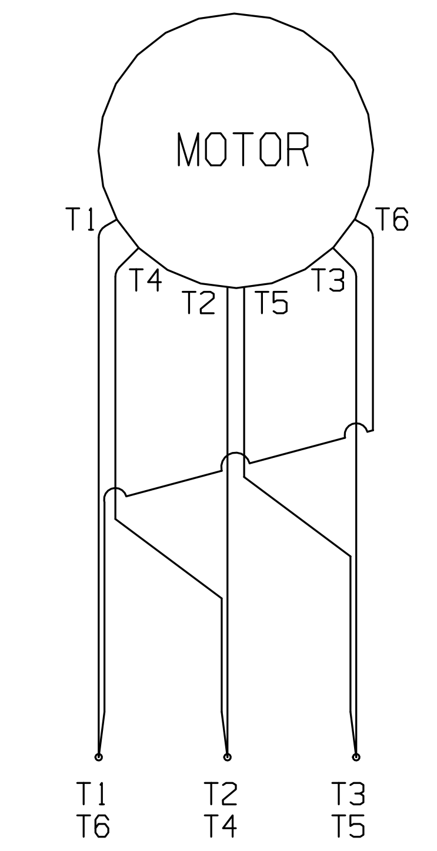
FOUNDATION LOADING	
LOADING CONDITIONS	*LOADING PER SIDE*
STATIC:	2650 lbs
RATED TORQUE:	2650 ± 690 lbs
LOCKED ROTOR TORQUE:	2650 ± 545 lbs
BREAK DOWN TORQUE:	2650 ± 1532 lbs
SHORT CIRCUIT TORQUE:	2650 ± 3544 lbs

RTD ALARM/SHUTDOWN DATA		
	ALARM	SHUTDOWN
STATOR	155°C	170°C
BEARING	100°C	105°C

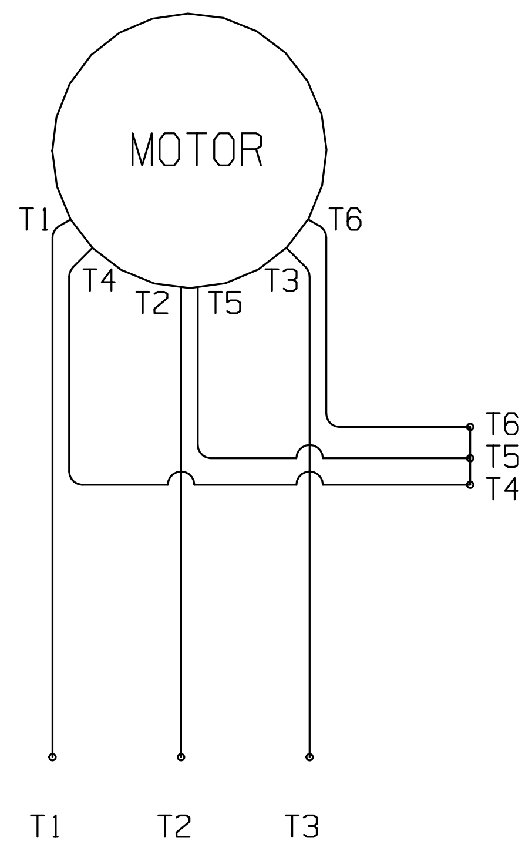
STATOR RTD
SLOT AND PHASE LOCATION

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

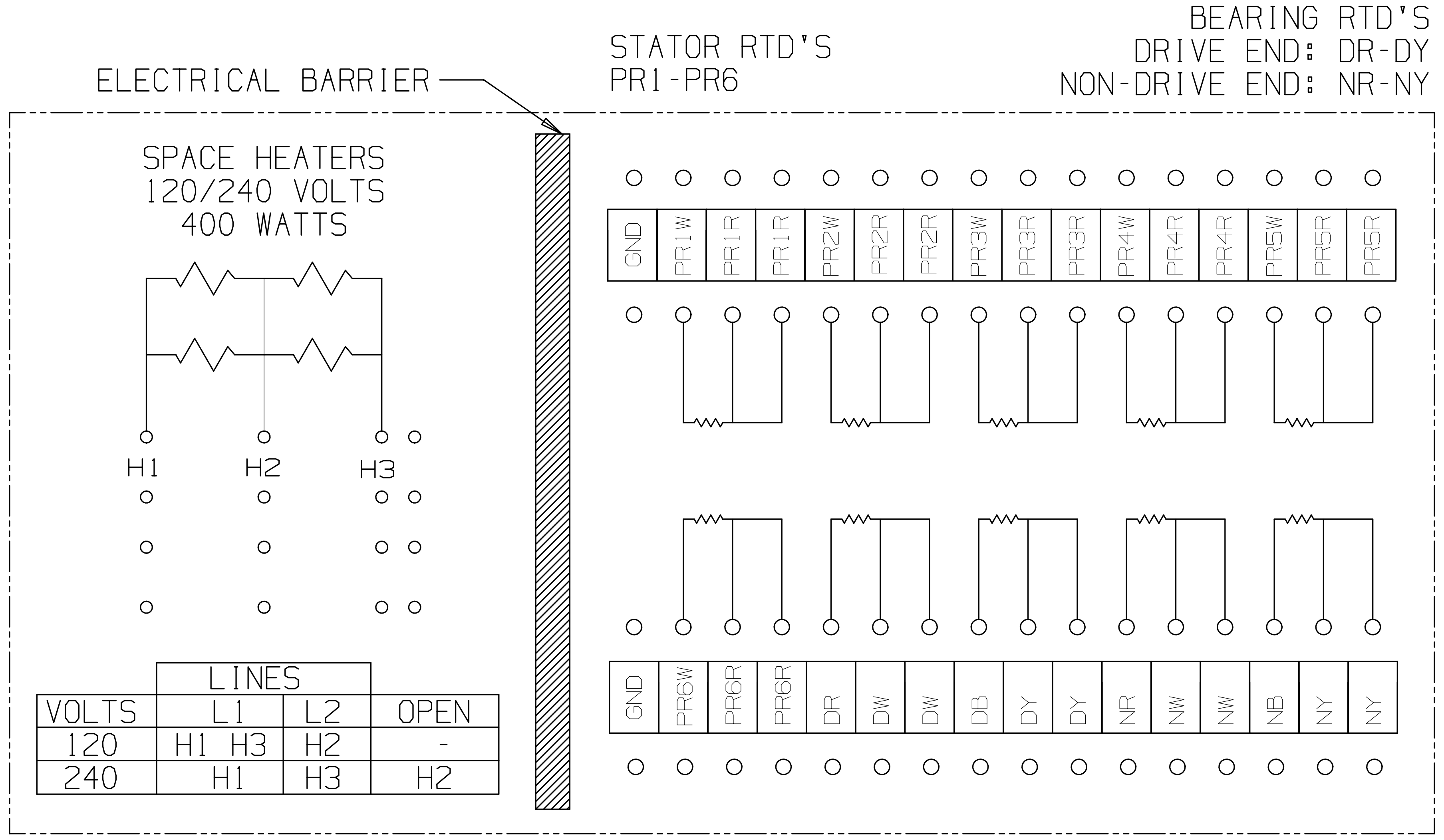
SLOT #1 IS IN 12 O'CLOCK
POSITION. SLOTS COUNTED
CLOCKWISE FACING CONN. END



MOTOR CONNECTION
DIAGRAM
LOW VOLTAGE



MOTOR CONNECTION
DIAGRAM
HIGH VOLTAGE



	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 & BEARING RTD'S

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CAD FORMAT REQUESTED: DWG ☒ DXF ☐ KAH

Tolerance
Surface
Material
Weight 0
Scale inch
SIMILAR TO: A5E35320627A
Author Emery
Creator 2016-10-25 Emery
Approval see PDM see PDM
Department NAM RC-US I DT LD APP OPS ENG
Change Order P5A00186726
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