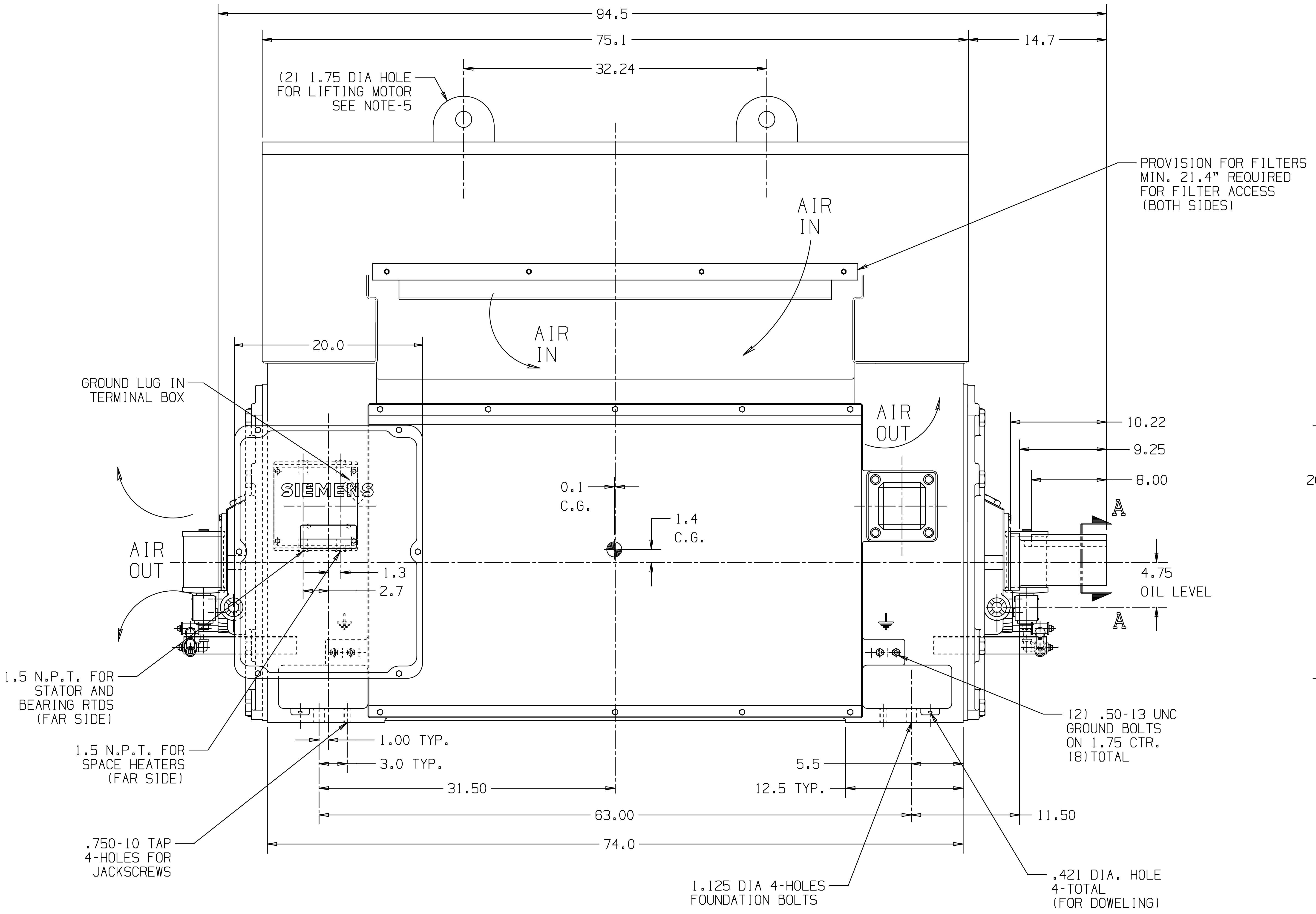
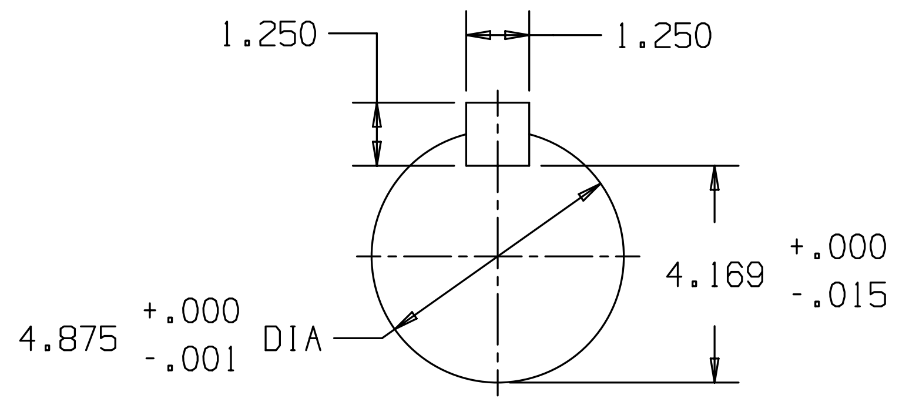
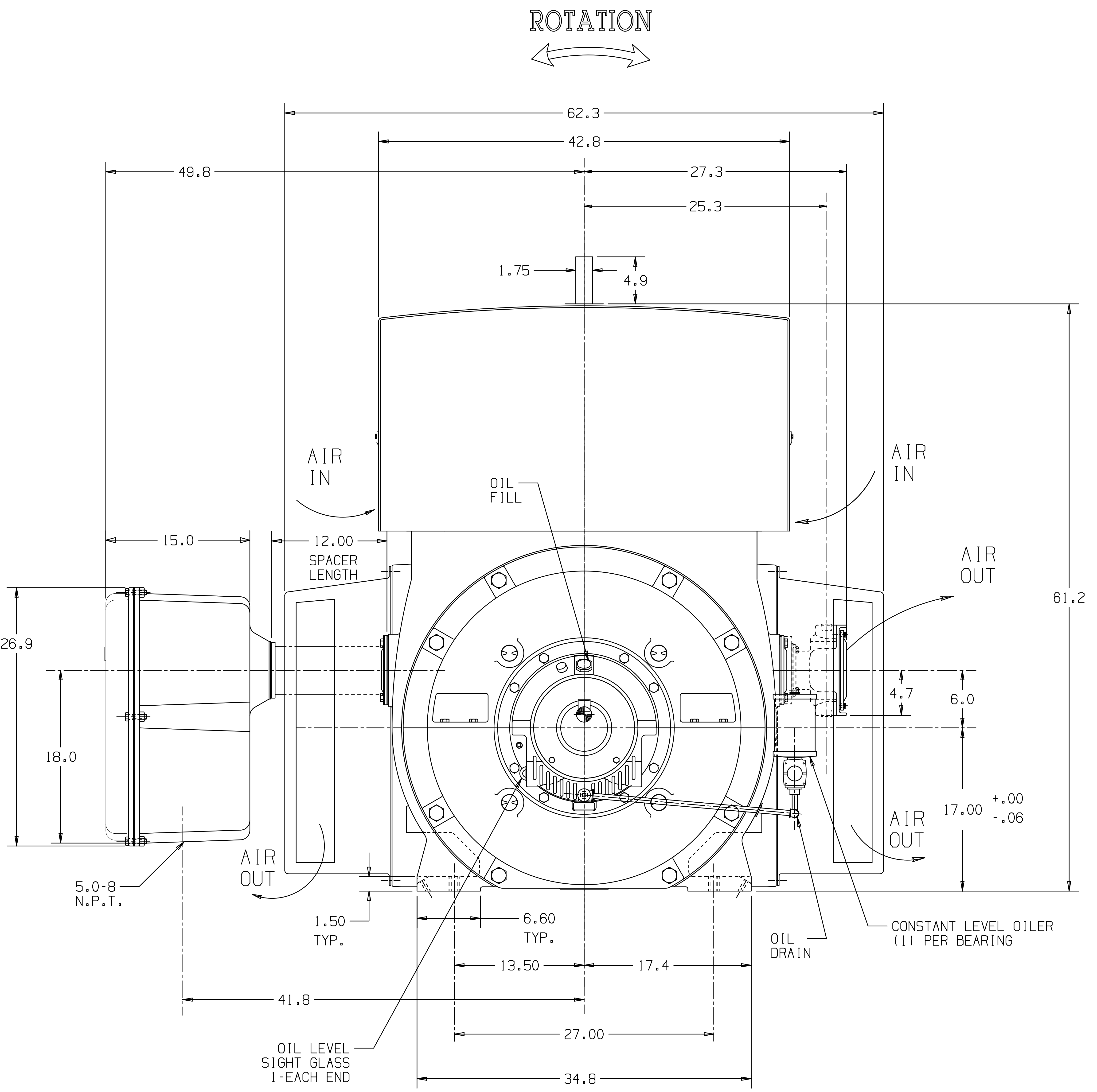
NOTES:
1. MAIN TERMINAL BOX IS ROTATABLE IN 90° INCREMENTS.
2. APPROXIMATE WEIGHT OF MOTOR: 14,700# APPROXIMATE WEIGHT OF ROTOR: 3,111#.
3. THIS MOTOR IS SUITABLE FOR DIRECT CONNECTION ONLY. SHIMS MAY BE NECESSARY UNDER MOTOR FEET FOR DIRECT CONNECTION.
4. THIS MOTOR IS SUITABLE FOR ROTATION IN EITHER DIRECTION.
5. NON-DRIVE END BEARING IS INSULATED, INSULATE ANY CONNECTIONS TO THIS BEARING.
6. WHEN LIFTING MOTOR, LIFT BY BOTH LIFTING LUGS AT THE SAME TIME. ALWAYS USE A SPEADER OF 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 = 3.0 QT.
USE A HIGH QUALITY TURBINE OIL HAVING A VISCOSITY OF 300 TO 350 SUS @ 100°F (ISO VG 68)
MAXIMUM DIA. OF SHAFT LATHE CENTERS =1.39"
FOR SAFETY PROCEDURES AND ALIGNMENT REQUIREMENTS, SEE THE INSTRUCTION MANUAL.


94.5
75.1
14.7
32.24
(2) 1.75 DIA HOLE FOR LIFTING MOTOR SEE NOTE-5
PROVISION FOR FILTERS MIN. 21.4" REQUIRED FOR FILTER ACCESS (BOTH SIDES)
AIR IN
AIR IN
20.0
GROUND LUG IN TERMINAL BOX
AIR OUT
SIEMENS
AIR OUT
10.22
9.25
8.00
A
0.1 C.G.
1.4 C.G.
4.75 OIL LEVEL
A
1.3
2.7
1.5 N.P.T. FOR STATOR AND BEARING RTDS (FAR SIDE)
1.5 N.P.T. FOR SPACE HEATERS (FAR SIDE)
1.00 TYP.
3.0 TYP.
5.5
12.5 TYP.
(2) .50-13 UNC GROUND BOLTS ON 1.75 CTR. (8)TOTAL
31.50
63.00
11.50
74.0
.750-10 TAP 4-HOLES FOR JACKSCREWS
1.125 DIA 4-HOLES FOUNDATION BOLTS
.421 DIA. HOLE 4-TOTAL (FOR DOWELING)



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 ELECTRIC

P.O.#
15994

S.O.#
3006136758-10

HP	RPM	FRAME	TYPE	VOLTS	PH	Hz
3000	1800	6813	CGII	2300/4000	3	60

CAD FORMAT REQUESTED: DWG ☒ DXF ☐ KAH

Tolerance	Surface	Material	Weight 0	Scale inch
SIMILAR TO: A5E34358497A	Author Kellogg	OUTLINE_1RP2_H_6813_4_SB_F1_BI_C13		
	Creator 2016-08-29 Kellogg			
	Approval	.		
	Department DPD 2097			
	Change Order P5A00186574	MLFB	Doc Type TB / Z	
SIEMENS	Doc State	Item No	Paper Size D	
	Revision 001 Index RS AA	Doc No A5E39143104A	1st Language 2nd Language	
©SIEMENS INDUSTRY INC 2013 - 2016	Project No	Ref No	Sheet 1 of 2	

Weitergabe sowie Vervielfältigung, Verbreitung und/oder Bearbeitung dieses Dokumentes, Verwertung und Mitteilung seines Inhaltes sind verboten, soweit nicht ausdrücklich gestattet. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patenterteilung, Gebrauchsmuster- oder Geschmacksmustereintragung vorbehalten.

Confié à titre de secret d'entreprise. Tous droits réservés.
Comunicado come secredo empresarial. Reservados todos os direitos.

Доверяется в качестве производственного секрета. Все права сохраняются за нами.
Confiado como secreto de empresa. Nos reservamos todos los derechos.

Transmittal, reproduction, dissemination and/or editing of this document as well as utilization of its contents and communication thereof to others without express authorization are prohibited. Offenders will be held liable for payment of damages. All rights created by patent grant or registration of a utility model or design patent are reserved.

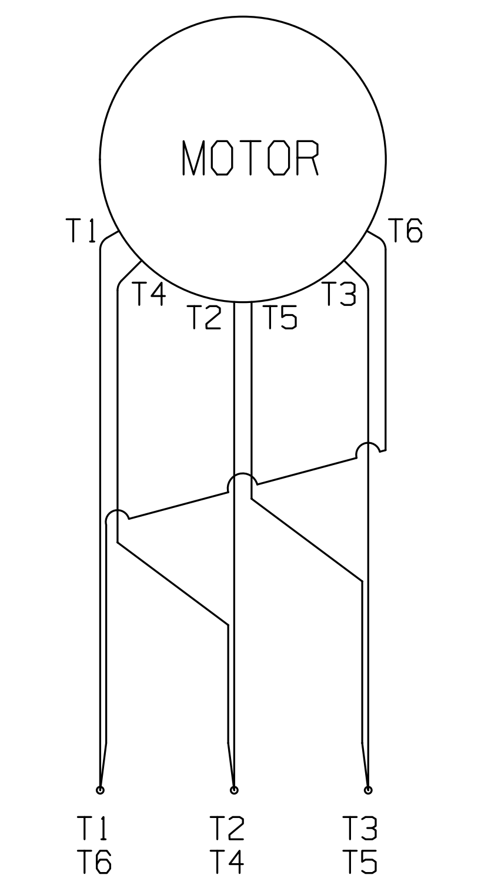
FOUNDATION LOADING	
LOADING CONDITIONS	*LOADING PER SIDE*
STATIC:	7350 lbs
RATED TORQUE:	7350 ± 3915 lbs
LOCKED ROTOR TORQUE:	7350 ± 3485 lbs
BREAK DOWN TORQUE:	7350 ± 8771 lbs
SHORT CIRCUIT TORQUE:	7350 ± 22651 lbs

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

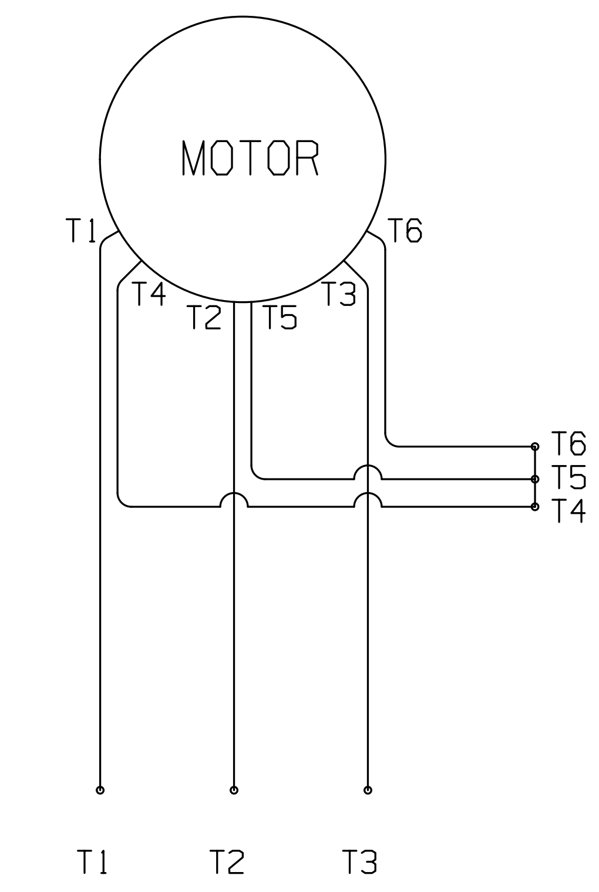
STATOR RTD
SLOT AND PHASE LOCATION

	SLOT	PHASE
PR1	1	A
PR2	13	C
PR3	25	B
PR4	37	A
PR5	49	C
PR6	61	B

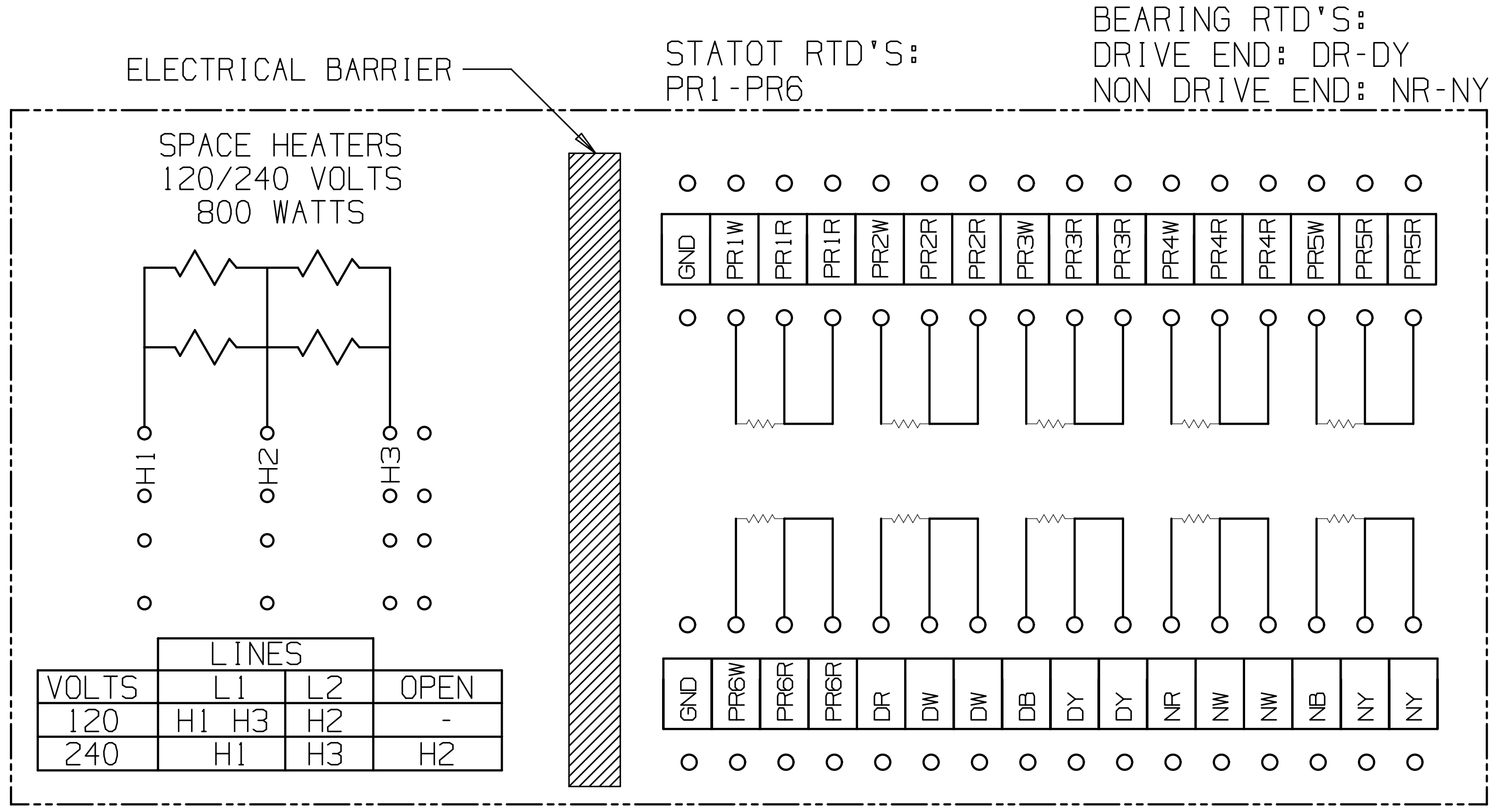
SLOT #1 IS IN 12 O'CLOCK POSITION. SLOTS COUNTED CLOCKWISE FACING CONN. END



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, 100 OHM STATOR AND BEARING RTDS

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

CUSTOMER
EAST COAST ELECTRIC

P.O.#
15994

S.O.#
3006136758-10

HP	RPM	FRAME	TYPE	VOLTS	PH	Hz
3000	1800	6813	CGII	2300/4000	3	60

CAD FORMAT REQUESTED: DWG ☒ DXF ☐ KAH

Tolerance	Surface	Material	Weight 0	Scale inch
SIMILAR TO: A5E34358497A	Author Kellogg	OUTLINE_1RP2_H_6813_4_SB_F1_BI_C13		
	Creator 2016-08-29 Kellogg			
	Approval	.		
	Department DPD 2097			
	Change Order P5A00186574	Product MLFB/Product-ID	Doc Type TB / Z	
SIEMENS	Doc State	Item No	Paper Size D	
	Revision (Counter) 001 Revision State AA	Doc No A5E39143104A	1st Language 2nd Language	
©SIEMENS INDUSTRY INC 2013 - 2016	Project No	Ref No	Sheet 2 of 2	

TB 002