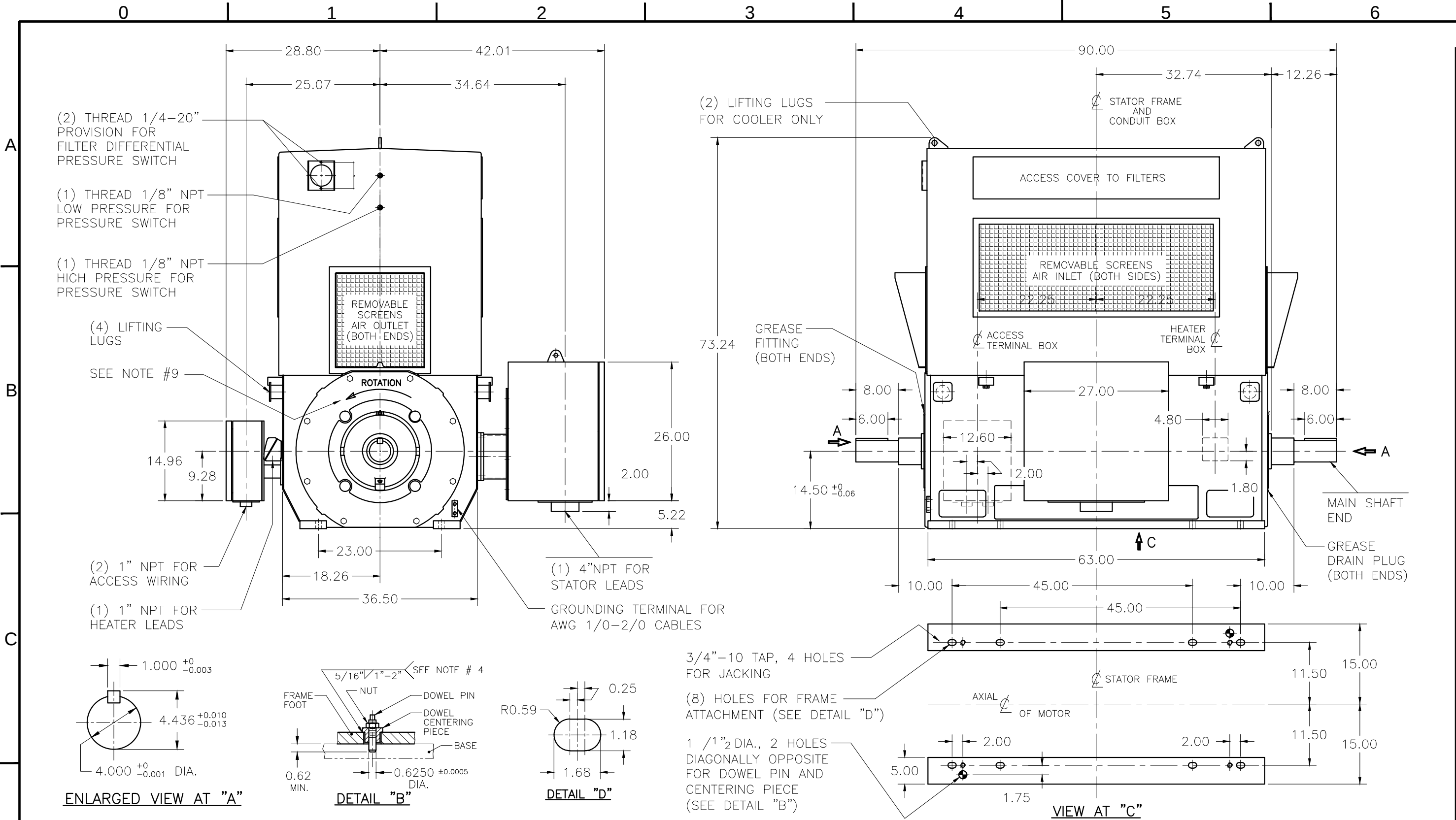




NOTES

- 1 - DIMENSIONS IN INCHES.
2 - OPPOSITE DRIVE END BEARING IS INSULATED AGAINST SHAFT CURRENTS. ANY INSTRUMENT INSERTED INTO THE BEARING MUST BE INSULATED.
3 - AFTER FINISHING MOTOR INSTALLATION, ASSEMBLE DOWEL PIN AND CENTERING PIECE. WELD AS SHOWN.
4 - STRAIGHT PART OF SHAFT = 7.75 INCHES.
5 - TOTAL ROTOR END PLAY = 0.50 INCH. LIMITED END-FLOAT COUPLING MUST BE APPLIED.
6 - COPPER BAR ROTOR CONSTRUCTION.
7 - MINIMUM BASE STIFFNESS IN ALL DIRECTIONS: 5.0×10^6 lbf/in. THE VALUE IS THE MINIMUM BASE STIFFNESS RECOMMENDED TO ENSURE SUCCESSFUL OPERATION CONDITION. ANY VALUE BELOW THAT SHALL BE SENT TO GE FOR FURTHER ANALYSIS AND MAY IMPACT MACHINE OR BASE DESIGN.
8 - MOTOR HAS STATOR CABLE LEADS LONG ENOUGH FOR THE BOX TO BE POSITIONED AT F1 OR F2.
9 - ROTATION: PLEASE REFER TO ROTATION DIRECTION INDICATED ON THE MOTOR.

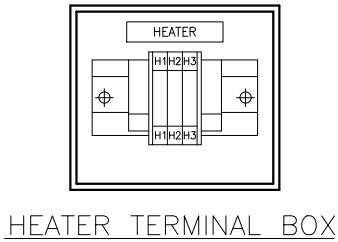
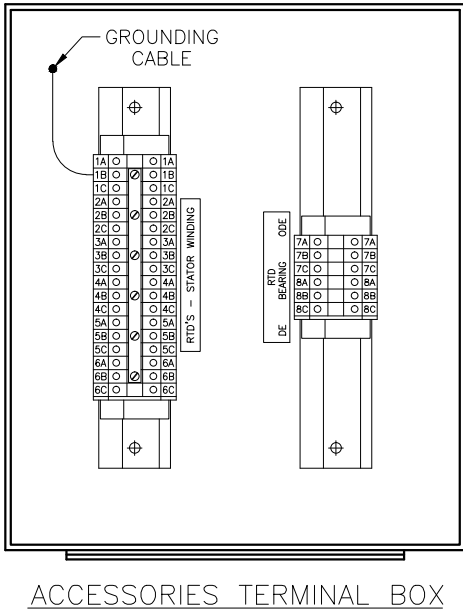
RATING

TYPE	PK
FRAME	8212Z
POLES	6
POWER	1250 HP
SPEED	1191 rpm
VOLTAGE	4000 V / 2300 V
CURRENT	168 A / 292 A
FREQUENCY	60 Hz
SERVICE FACTOR	1.15
ENCLOSURE	WP11
BEARING - O.D.E.	ABMA 130BC02J - SKF#6226
BEARING - D.E.	ABMA 130BC02J - SKF#6226
LUBRICATION	GREASE - ESSO POLIREX EM
ROTATION	SEE NOTE #9
NET WEIGHT	8850 lb ±10%
DATA SHEET	DS7820011_1250

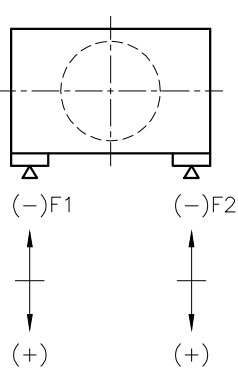
ACCESSORIES

- STATOR RTD'S: Pt 100 OHMS AT 0°C.
- BEARING RTD'S: Pt 100 OHMS AT 0°C.
- HEATER: 400W - 120/240V - 1PH.
- STAINLESS STEEL AIR FILTERS.
- PROVISION AIR DIFFERENTIAL PRESSURE SWITCH.

ACCESSORIES BOXES

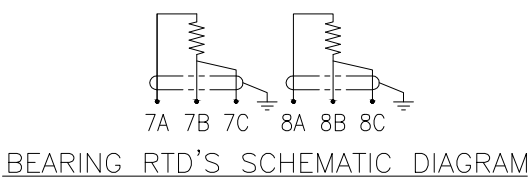
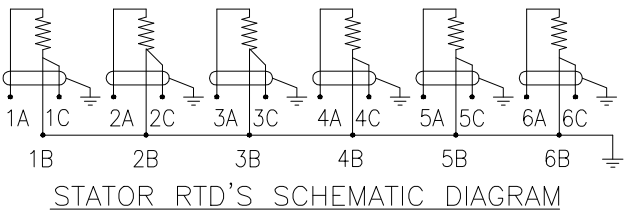
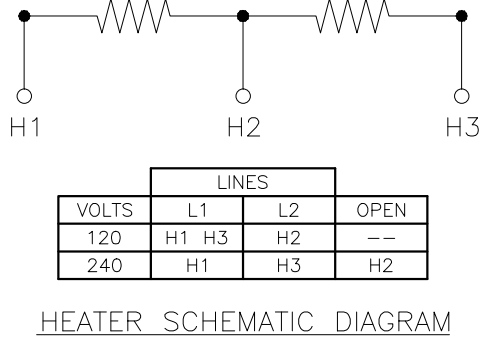
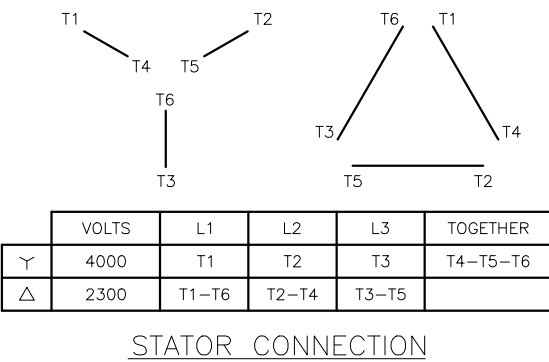


LOADS ON FOUNDATION



UNITS IN lb			
	S. C. TORQUE	MAX. TORQUE	
	F1	F2	F2
C.W.	39095	-30245	0
C.C.W.	39095	39095	-1644

SCHEMATIC DIAGRAMS



1	CHANGED TOP HAT DESIGN	J.C.COLUCI	07/19/2017
REV	ECN/DESCRIPTION	NAME	DATE
	REVISION HISTORY		

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

THIRD ANGLE PROJECTION
UNLESS OTHERWISE
INDICATED BY ARROWS
DO NOT MEASURE OFF THIS DRAWING

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GE CLASSIFICATION CLASS II (GE INTERNAL TECHNICAL PUBLICATION)

CUSTOMER EAST COAST ELECTRICAL EQUIPMENT COMPANY, INC

CUST ORDER No ----

CUST DWG No ----

PROJECT ORDER 5011847

FUNCTION REF ----

EQUIPMENT REF ----

LOCATION REF ----

LANGUAGE EN

GE
POWER CONVERSION

DRG EXPORT TAG: LICENSE NOT REQUIRED

DRG TYPE: MECHANICAL DESIGN - OUTLINE

DRAWN BY: 212326082

DRAWN DATE: 2017-06-22

DRG TITLE
OUTLINE - INDUCTION MOTOR

7820011

PK - 8212Z - 6P - WP11

DRG No. D0019790

SHEET
1
OF 1

DRG
REV
001