

NOTES:

1. MAIN CONDUIT BOX MAY BE ROTATED IN STEPS OF 90°.
2. APPROXIMATE WEIGHT OF MOTOR: 1,400#
3. THIS MOTOR IS SUITABLE FOR DIRECT CONNECTION ONLY.
4. THIS MOTOR IS SUITABLE FOR ROTATION IN EITHER DIRECTION.
5. WHEN LIFTING MOTOR, LIFT BY TWO DIAGONALLY OPPOSITE TRUNNIONS AT THE SAME TIME.
6. BOTH BEARINGS ARE INSULATED, INSULATE ANY CONNECTIONS TO THESE BEARINGS. GROUND STRAP ON DRIVE END MUST BE CONNECTED WHILE MOTOR IS IN OPERATION.
7. SHIMS MAY BE NECESSARY UNDER MOTOR FEET.
8. THE NORMALLY CLOSED THERMOSTATS IN THIS MOTOR SHOULD BE CONNECTED TO CAUSE THE STARTER TO OPEN WHEN THEIR PRESET TEMPERATURE IS REACHED. THE CONTACT RATING IS 300 VA @ 120-240 VOLTS AC.
9. STAINLESS STEEL SCREEN IS PROVIDED OVER AIR INTAKE OPENING.

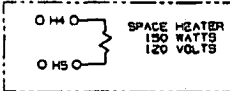
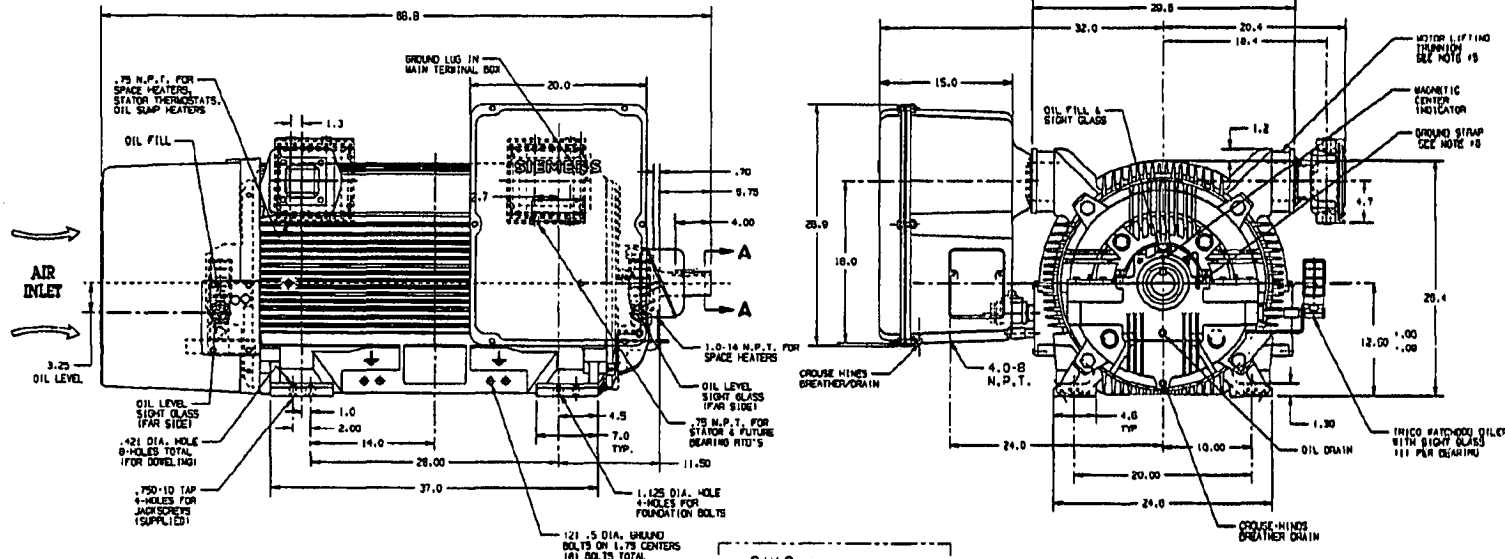
MOTOR DATA:

MOTOR END FLOAT + .50"
END FLOAT OF LTD END FLOAT COLD 1 .10"
OIL CAPACITY FOR BEARING: 1.7 OF DRIVE END, 1.0 OF NON-DRIVE END.
USE A HIGH QUALITY TURBINE OIL HAVING A VISCOSITY OF 300 TO 250 SUS @ 100°F (150 VD 50)
FOR ALIGNMENT REQUIREMENTS SEE THE INSTRUCTION BOOK.

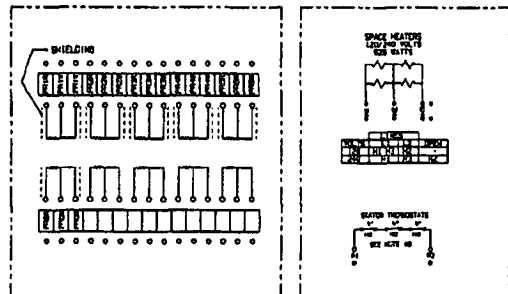
JACOBS ENGINEERING
CHEVRON PHILLIPS CHEMICAL CO.
PSPC RESTRUCTURING PROJECT, PASADENA, TX
CUSTOMER PO: 585K6660-48-000003
JOB NO.: 66-BK66-30
PUMP SERIAL NO.: 1104-1060
EQUIPMENT TAG: 67-5098 RL2 JACKET WATER
PUMP MODEL: 3K102B-140V/300
FLOW SERVICE ORDER: 006-00332

01 02-03-0
301-4448797 RL2

MOTOR SAP NO. 1053369



AUXILIARY BOX CONNECTION FOR TERMINAL BOX SPACE HEATERS

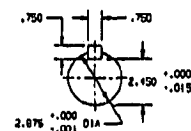


TERMINAL BOARD ARRANGEMENT IN SEPARATE AUXILIARY BOXES FOR SPACE HEATERS, STATOR THERMOSTATS, & 100-ΩHM STATOR AND FUTURE BEARING RTD'S

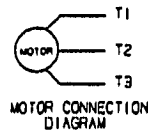
STATOR RTD SLOT LOCATION

SLOT NO.	RTD NO.
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12

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



SECTION A-A



MOTOR CONNECTION DIAGRAM

SIEMENS
OUTLINE
TEFC

STANDARD SHAFT EXTENSION 2.670 X 5.75 4-POLE SLY DRD

72-617-972-011

JACOBS ENGINEERING GROUP INC - CENTRAL REGION

PROJECT NO. 67-5098

REVISION NO. 2/18/05

SUSPENSE DATE 1/2004

DO NOT PROCEED WITH FABRICATION

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