

94610
94610T

1.5-16-5000
1.5-84-5000

SPECIFICATIONS

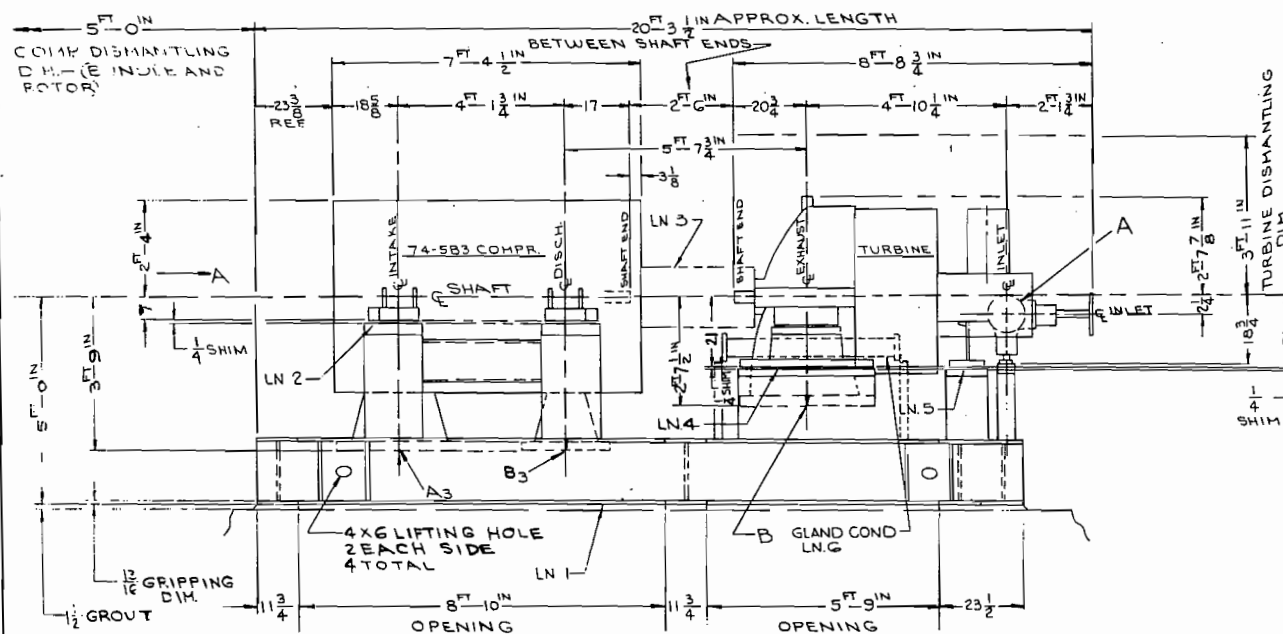
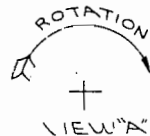
WEIGHTS OF MAJOR COMPONENTS

	<u>LB. (Approx.)</u>
Compressor assembly	30,500
Rotor assembly	1345
Internal bundle assembly w/rotor	10,200
Intake end head	3240
Discharge end head	3240
Steam turbine	9250
Base	13,500

NAMEPLATE DATA

Inlet volume, cfm	13,127
Maximum continuous speed, rpm	8476
Casing design pressure:	
Inlet, psig	450
Discharge, psig	450
Casing design temperature, °F	500
Maximum operating temperature, °F	380
First critical speed, rpm	4200
Compressor serial number	745-3-3505
Hydrostatic test:	
Overall pressure, psig	675

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NOTES:

1. FOR CUST. CONN. LETTER DESCRIPTION-
SEE DWG. NO. 462-717-GOI.
2. FOR FOUNDATION & COMPR. FLG. LOADING
DATA-SEE DWG. NO. 450-055-GOI.
3. FOR ADDITIONAL TURBINE INFORMATION-
SEE TURBO-DYNE DWG. NO. LE-146962
4. APPROX. WEIGHTS:
74-5B3 COMPR. _____ 39,500 LBS.
TURBINE _____ 9,250 LBS.
BASE _____ 13,500 LBS.
TOTAL 53,250 LBS.
5. HEAVIEST WEIGHT FOR MAINTENANCE:
74-5B3 COMPR. BUNDLE WITH ROTOR 16,200 LBS.
6. LINE NUMBERS ARE FOR DRESSER-CLARK USE ONLY

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SHEET 1 OF 4 SHEETS

REV. NO. 3
DRAWN: [initials]
CHECKED: [initials]
DESIGNED: [initials]
APPROVED: [initials]
SYS. ENGR. APPROVED: [initials]

SHEETS 3 & 4
RELOCATED
CONNC. TO
TURBINE END
OF BASE.

REV. NO. 2
DRAWN: [initials]
CHECKED: [initials]
DESIGNED: [initials]
APPROVED: [initials]
SYS. ENGR. APPROVED: [initials]

SHT 1- NOTE 3 WAS WORTHINGTON,
BASE WT WAS 12000, TOTAL WT
WAS 51750, LIFTING HOLES
WERE 3X5, ADDED NOTE C,
LN. NO. 5 & 6, 201, RELOCATED
GLAND CONO. - SHT. 2- REV.
SECT. D-D
SHTS 3 & 4 WERE ADDED

SEE DETACHED LIST OF MATERIAL NO. 462-747-201

REV. 1
DRAWN: [initials]
CHECKED: [initials]
DESIGNED: [initials]
APPROVED: [initials]
SYS. ENGR. APPROVED: [initials]
DESIGN NO. 462-747-201
DRAWING NO. 462-747-201
PRELIMINARY

REV. 2
DRAWN: [initials]
CHECKED: [initials]
DESIGNED: [initials]
APPROVED: [initials]
SYS. ENGR. APPROVED: [initials]
DESIGN NO. 462-747-201
DRAWING NO. 462-747-201
PRELIMINARY

OUTLINE, FOUNDATION
& CONNECTIONS
DRESSER-CLARK DIVISION
CLEAN, N.Y. U.S.A.

DWG. NO. 462-747-201 REV. 3