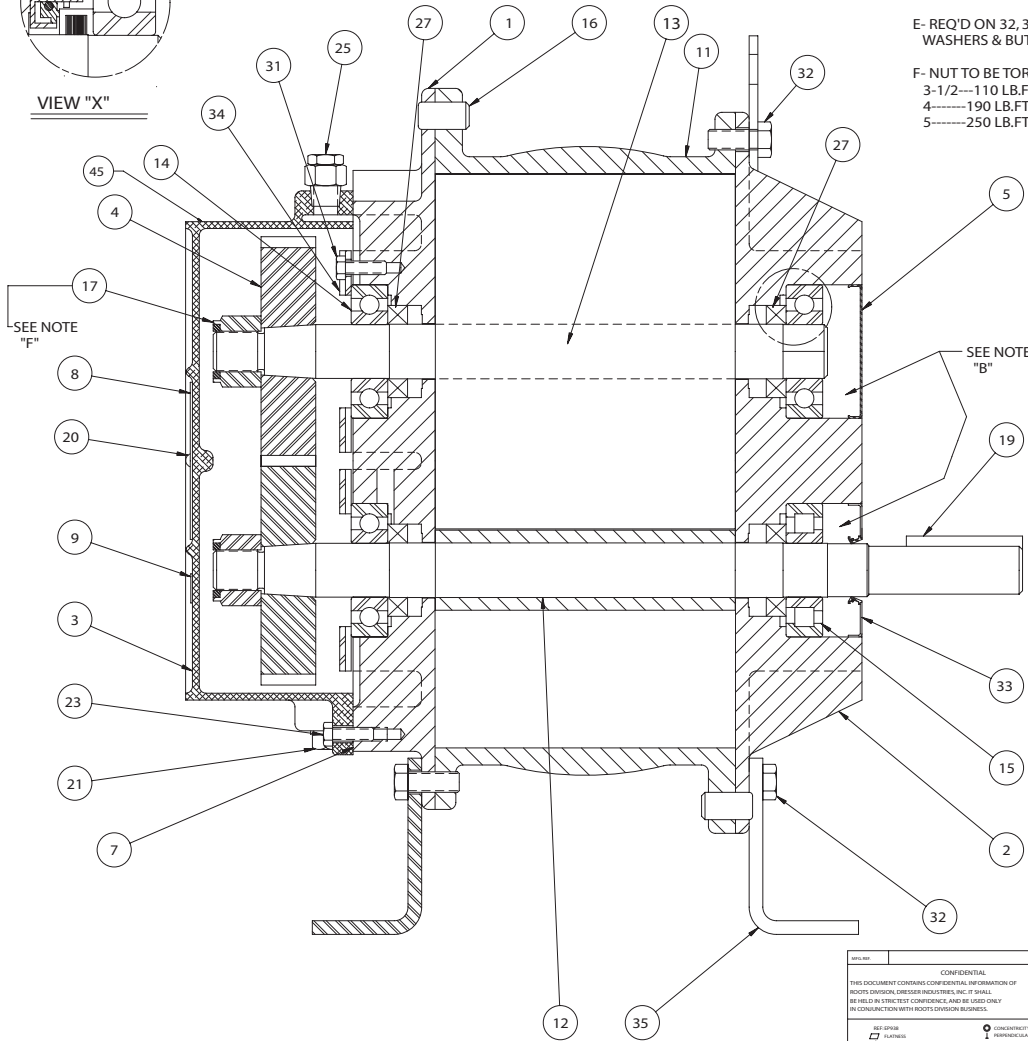
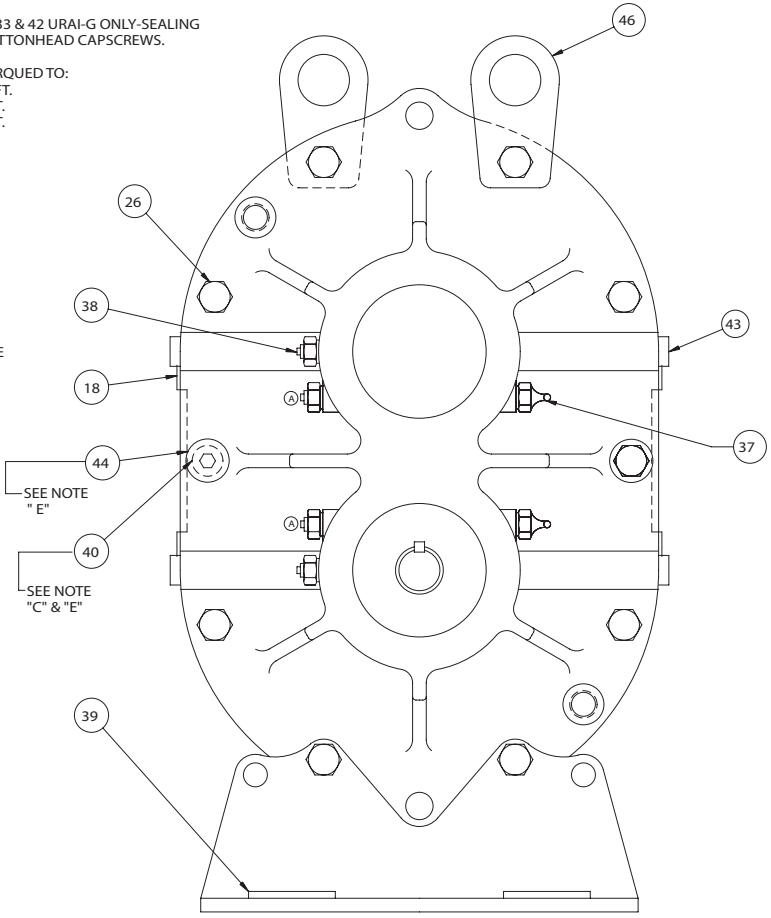


VIEW "X"



- NOTES:
- A- USE LOCKTITE #2 (30515) BETWEEN HEADPLATE AND CYLINDER JOINTS.
 - B- SEE OPERATING MANUAL IRB-180 FOR GAS BLOWERS FOR LUBRICATION INSTRUCTION.
 - C- 36,45 & 47 REQ'D SOC. HD. ON G.E. ONLY
 - E- REQ'D ON 32, 33 & 42 URAI-G ONLY-SEALING WASHERS & BUTTONHEAD CAPSCREWS.
 - F- NUT TO BE TORQUED TO:
 3-1/2---110 LB.FT.
 4-----190 LB.FT.
 5-----250 LB.FT.



SEE NOTE "F"

SEE NOTE "B"

SEE NOTE "E"

SEE NOTE "C" & "E"

CONFIDENTIAL THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF ROOTS DIVISION, DRESSER INDUSTRIES, INC. IT SHALL BE HELD IN STRICT CONFIDENCE AND BE USED ONLY IN CONJUNCTION WITH ROOTS DIVISION BUSINESS.		DO NOT SCALE FOR DIMENSIONS ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED		SHEET NO. H			
D ADD ITEMS 8 & 20 (NAMEPLATE & SCREEN)		BK	8/102	T120	BK	AGP	REV
C ADD LIFTING LUG ITEM # 46 ADD TIE RODS TO DRIVE SHAFT		BK	8/120	T122	BK	AGP	REV
B DEL FROM NOTE C		BK	10/01	T102	BK	AGP	REV
A PICTURE CHANGE		NSC	10/01	FRCT01	BK		REV
REV. DATE 1 11/01 2 11/01 3 11/01 4 11/01 5 11/01		REV	DATE	CHANGE	BY	CHKD	APP

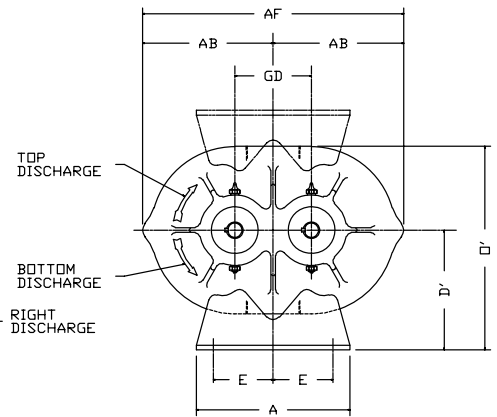
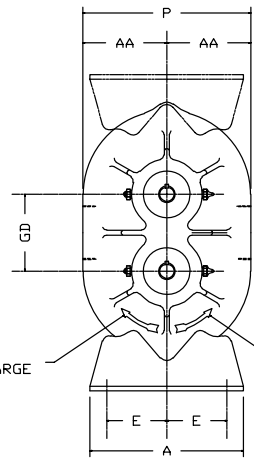
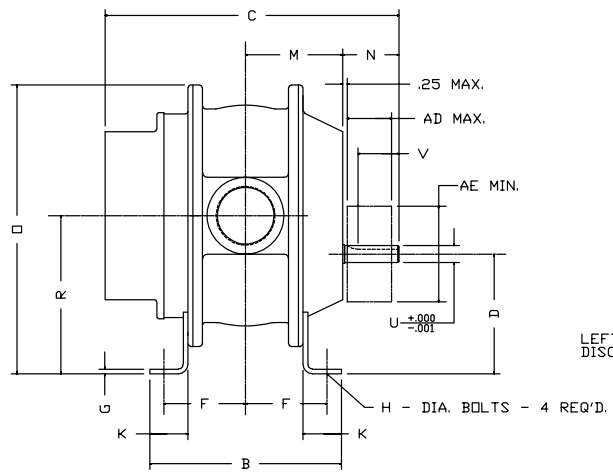
SECTIONAL ASSEMBLY
3-1/2 THRU 5" U-RAI GAS BLOWERS

T30099023 REV D

Assembly of UNIVERSAL RAI-G Series Gas Blowers, 3-1/2" through 5" Gear Diameter

FRAME	APPROX. OIL CAPACITY	
	VERTICAL	HORIZONTAL
2-1/2	3.4 FL. OZ.	6.1 FL. OZ.
3-1/2	8.5 FL. OZ.	16 FL. OZ.
4	12.7 FL. OZ.	22.8 FL. OZ.
5	16.0 FL. OZ.	27.6 FL. OZ.

No. REQ'D.	PART NAME	PATT. No. PART No.	MAT'L.



W - INLET & DISCHARGE
 AD - SHEAVE WIDTH
 AE - SHEAVE DIAMETER

ALL DIMENSIONS IN INCHES

UNIVERSAL[®] RAI BLOWER

FRAME SIZE	GD	A	B	C	D	D'	E MIN.	E MAX.	F MIN.	F MAX.	G	H	K	M	N	O	O'	P	R	U	KEYWAY	W NPT.	V	AA	AB	AD	AE	AF	APPROX. WT. LBS
22	2.5	5.13	5.00	9.75	3.75	3.75	1.50	2.00	2.00	2.00	.25	.38	1.25	2.63	2.50	9.63	6.88	6.25	5.00	.625	.188x.094	1"	1.81	3.13	4.63	1.75	4.00	9.25	32
24	"	"	7.00	11.75	"	"	"	"	3.00	3.00	"	"	"	3.63	"	"	"	"	"	"	"	2"	"	"	"	"	"	"	43
32	3.50	7.25	6.75	11.25	5.00	5.00	2.50	2.88	2.56	2.81	.25	.44	1.75	3.38	2.44	12.81	8.88	7.75	6.75	.750	.188x.094	1-1/4"	1.63	3.88	6.06	1.91	5.00	12.13	69
33	"	"	7.63	12.13	"	"	"	"	3.00	3.25	"	"	"	3.81	"	"	"	"	"	"	"	2"	"	"	"	"	"	"	74
36	"	"	10.00	14.63	"	"	"	"	4.18	4.44	"	"	"	5.00	2.56	"	"	"	"	"	"	2-1/2"	1.75	"	"	"	"	"	102
42	4.00	8.00	7.25	13.00	6.25	6.25	3.00	3.13	2.50	3.13	.31	.44	2.00	3.68	3.18	15.06	10.63	8.75	8.25	.875	.188x.094	1-1/2"	2.31	4.38	6.81	2.31	5.00	13.63	88
45	"	"	10.00	15.50	"	"	"	"	3.56	4.25	"	"	"	5.06	2.94	"	"	"	"	"	"	2-1/2"	2.13	"	"	"	"	"	109
47	"	"	11.75	17.63	"	"	"	"	4.63	5.38	"	"	"	5.94	3.31	"	10.50	8.50	"	"	"	3"	2.50	4.25	"	"	"	128	
53	5.00	10.50	8.38	15.38	6.25	6.75	3.50	3.50	3.18	3.68	.25	.50	1.88	4.50	3.68	17.38	11.88	10.25	8.75	1.125	.25 x.125	2-1/2"	2.75	5.13	8.63	3.06	6.00	17.25	143
56	"	"	11.00	17.50	"	"	"	"	4.25	5.00	"	"	"	5.81	3.38	"	12.25	11.00	"	"	"	4"	2.50	5.50	"	"	"	170	
59	"	"	14.00	21.00	"	"	"	"	6.00	6.50	"	"	"	7.31	3.88	"	"	"	"	"	"	4"	3.00	"	"	"	"	204	

MFG. REF.	CONFIDENTIAL	DATE	8/29/84
THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF ROOTS DIVISION, DRESSER INDUSTRIES, INC. IT SHALL BE HELD IN STRICTEST CONFIDENCE, AND BE USED ONLY IN CONJUNCTION WITH ROOTS DIVISION BUSINESS.	DR. DB	CHKD.	
REF: EP938	REVISION ON 'C' FROM 18.00 TO 17.50	APP.	FCR
⊖ CONCENTRICITY	D UPDATED TITLE BLOCK 9/25/91	DBV	
□ FLATNESS	C CORRECTED FRAME 36 REM 8/14/90	SCALE	
∠ ANGULARITY	B ADDED FRAME 32 RVE 6/22/90	CAD FILE / DIRECTORY	
∥ PARALLELISM	A REV. FRAM 59 REM 6/9/88		
⊕ TRUE POSITION			
— STRAIGHTNESS			
⊙ PERPENDICULARITY			
— PROFILE OF LINE			
— PROFILE OF A SURFACE			
∅ DIAMETER			
✓ FINISH IN MICRO INCHES /PARTS/XXAD 62795021			

DO NOT SCALE FOR DIMENSIONS
 ALL DIMENSIONS SHOWN IN BRACKETS () ARE MILLIMETERS

ORDER No.

ASSY DIM 22-59 URAI VH

ROOTS DIVISION
 DRESSER EQUIPMENT GROUP
 A HALLIBURTON COMPANY
 CONNERSVILLE, IN USA

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED
 FINISHED DIMENSIONS
 TWO PLACE DECIMALS 000--0.015 FRACTIONAL--1/64
 THREE PLACE DECIMALS 0000--0.005

62795021

REV E

