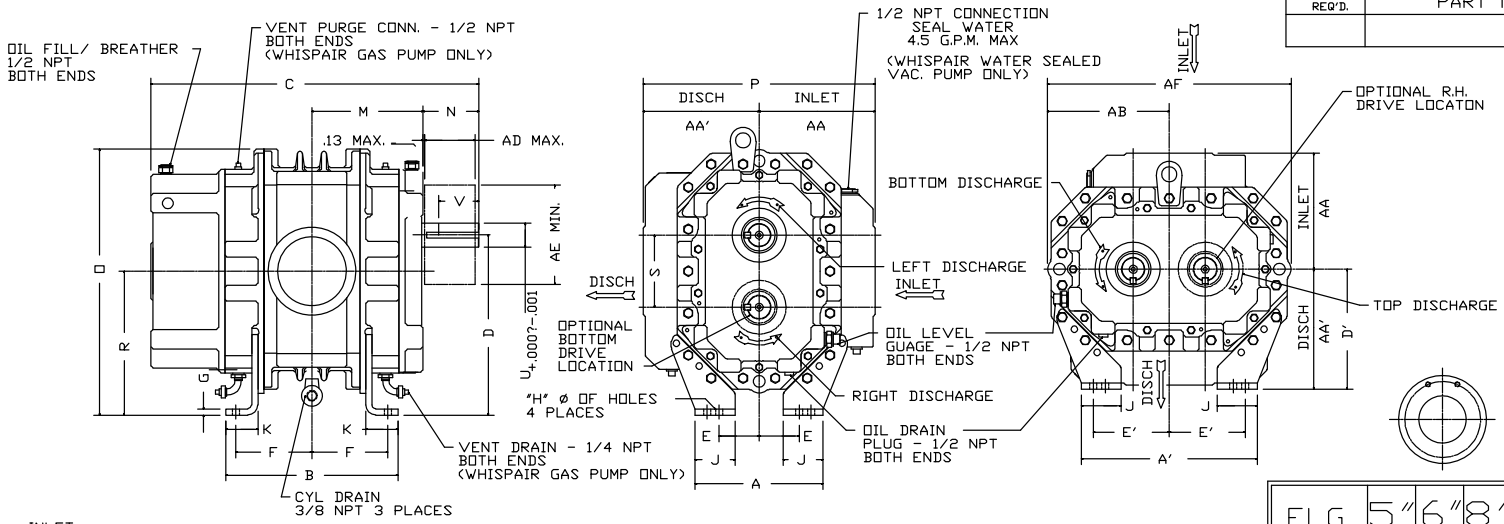

No. REQ'D.	PART NAME	PATT. No. PART No.	MAT'L.

W - INLET

W' - DISCHARGE

AD - MAXIMUM SHEAVE WIDTH
(SEE OVERHUNG LOAD LIMIT K-24102)

AE - MINIMUM SHEAVE DIAMETER
(SEE OVERHUNG LOAD LIMIT K-24102)

ALL DIMENSIONS IN INCHES

INLET & DISCHARGE FLANGES TO MATE FLUSH & SQUARE WITH FLAT FACE FLANGE ONLY. USE FULL FACE GASKETS.

V-BELT DRIVEN UNITS: MOTOR TO BE LOCATED ON INLET SIDE OF BLOWER.

A 5048V C 5420V D 5560V E 5767V
F 5986V

FLG	5"	6"	8"	10"
OPENING	5"	6"	8"	10"
BOLT CIRCLE	8.50	9.50	11.75	14.25
FLANGE O.D.	10.00	11.00	13.50	16.00
No TAPPED HOLES	8	8	8	12
SIZE HOLES	3/4-10	3/4-10	3/4-10	7/8-9
TAP DEPTH	1.13	1.13	1.13	1.13

FRAME SIZE	A	A'	B	C	D	D'	E	E'	F	G	H	J	K	M	N	O	P	R	S	U	V	KEYWAY	W	W'	INLET AA	DISCH AA'	AB	AD	AE	AF	APPROX WEIGHT
404	8.00	11.00	8.75	18.50	11.25	7.50	2.50	4.75	3.75	.38	.44	2.50	2.00	5.95	3.48	16.63	14.50	9.00	4.50	1.50	2.75	.375X.188	3"NPT	3"NPT	7.25	7.25	7.63	3.06	7.10	15.25	260
406	"	"	10.75	20.50	"	"	"	"	4.75	"	"	"	"	6.95	"	"	"	"	"	"	"	"	4"NPT	4"NPT	"	"	"	"	"	"	300
409	"	"	13.75	23.50	"	"	"	"	6.25	"	"	"	"	8.45	"	"	"	"	"	"	"	"	5"NPT	5"NPT	"	"	"	"	"	"	350
412	"	"	16.75	26.50	"	"	"	"	7.75	"	"	"	"	9.95	"	"	13.00	"	"	"	"	"	"	5"FLG	6"FLG	6.00	7.00	"	"	"	"	400
418	"	"	22.75	32.50	"	"	"	"	10.75	"	"	"	"	12.95	"	"	14.00	"	"	"	"	"	"	6"FLG	8"FLG	7.00	"	"	"	"	"	500
616	9.00	15.00	20.75	32.19	15.00	9.00	3.50	6.50	9.75	.38	.56	2.50	2.00	12.41	4.30	22.00	16.25	12.00	6.00	2.00	3.63	.500x.250	8"FLG	6"FLG	7.50	8.75	10.00	4.44	8.50	20.00	700
624	"	"	28.75	40.19	"	"	"	"	13.75	"	"	"	"	16.41	"		17.50	"	"	"	"	"	10"FLG	8"FLG	8.75	"	"	"	"	"	910

MFG. REF.

CONFIDENTIAL

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.

REF: EP938

FLATNESS
ANGULARITY
PARALLELISM
TRUE POSITION
STRAIGHTNESS
CONCENTRICITY
PERPENDICULARITY
PROFILE OF LINE
PROFILE OF A SURFACE
DIAMETER
FINISH IN MICRO INCHES

L	ADDED NIPPLE & ELBOW	VC	11/17/00	T16	RK		
K	ADDED "INLET"&"DISCH"	RDR		6484V			
J	REV DIM "H" ON 600	RDR		6294V	BMS	AGP	
H	REV DIM "AF" ON 600	RDR		6260V	BMS	AGP	
G	REV DIM "M" ON 624	RDR		6186V	BMS	DB	
	REVISIONS	BY	DATE	CHANGE NOTICE	CHKD.	APP	

DATE
DR. RDR
CHKD. BMS
APP. RDA
DBV
SCALE
78389A21 XXAD
CAD FILE / DIRECTORY

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

ORDER No.

400/600 SERIES
RAM
(WHISPAIR) RAM-J/RAM-GJ
& RAM-VJ

DRESSER ROOTS

ROOTS DIVISION
DRESSER EQUIPMENT GROUP
A HALLIBURTON COMPANY
HOUSTON, TX USA

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED
FINISHED DIMENSIONS
TWO PLACE DECIMALS (XX)---±.015 FRACTIONAL--±1/64
THREE PLACE DECIMALS (XXX)--±.005

78389021

REV L

F:\ FILE\ FORM\ BSIZE.GCM

TOMLIN
Equipment Co.
Since 1948
242 POPLAR ST • P.O. BOX 8053 • TOLEDO, OH 43605 • (419) 691-3571 • FAX (419) 691-1928
6285 WEST 161ST STREET • CLEVELAND, OHIO 44142 • (216) 265-0666 • FAX (216) 265-0687
1-800-882-1992 OHIO TOLL FREE) 1-855-691-0621 (MICHIGAN TOLL FREE)
www.tomlinequip.com
INDUSTRIAL EQUIPMENT • MAJOR STOCKING DISTRIBUTOR
ENGINEERING • SALES • SERVICE • PARTS