



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
- G 6186V

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	"	"	"	"	"	6"FLG	5"FLG	6.00	7.00	"	"	"	"	400
418	"	"	22.75	32.50	"	"	"	"	10.75	"	"	"	"	12.95	"	"	14.00	"	"	"	"	"	8"FLG	6"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

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MFG. REF.:	SPEC SECTION:	ENGINEER CO.:	MAT'L:	PATT. No.	GEOMETRIC TOLERANCE PER: EP938	ORDER No.
UPDATED TO HOWDEN BRANDING	MPM	1/7/16	16883V	MNM	CERTIFIED	DR. RDR
ADDED 'INLET' & 'DISCHARGE'	RDR		6484V		PURCHASE ORDER:	CHKD.BMS
REV DIM 'H' ON 600	RDR		6294V	BMS	AGP	APP. RDA
REV DIM 'AF' ON 600	RDR		6260V	BMS	AGP	DBV.
REVISIONS	BY	DATE M/D/Y	CHANGE NOTICE	CHKD	APP	CAD FORMAT AUTO CAD
						CAD FILE / DIRECTORY 78389A21 / XXAD
						SCALE NTS
						DATE M/D/Y

**Howden**  
 Connersville, IN USA  
 P: 765-827-9200 F: 765-827-9266

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

**78389021**  
 SHEET 1 OF 1

REV L