



W - INLET
AW - 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.

SIZE	APPROX WEIGHT
406	365
412	575
616	

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

A 5048V B 5048V C 5370 D 5560

FRAME SIZE	A	A'	B	C	D	D'	E	E'	F	G	H	J	K	M	N	O	O'	P	R	S	U	V	KEYWAY	W	W'	AA	AA'	AB	AD	AE	AF	AW	AX
406	8.00	11.00	10.75	20.50	11.25	7.50	2.50	4.75	4.75	38	44	2.50	2.00	6.95	3.48	16.38	18.00	17.75	9.00	4.50	1.50	2.75	.375X.188	4"NPT	5"NPT	7.25	10.50	7.63	3.06	7.10	15.25	4"NPT	6.75
412	8.00	11.00	16.75	26.50	11.25	7.50	2.50	4.75	7.75	38	44	2.50	2.00	9.95	3.48	16.63	19.25	17.75	9.00	4.50	1.50	2.75	.375X.188	6"FLG.	6"FLG.	6.00	11.75	7.63	3.06	7.10	15.25	5"FLG.	6.50
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	22.75	21.25	12.00	6.00	2.00	3.63	.500 X .250	8"FLG.	10"FLG.	7.50	13.75	10.00	4.44	8.50	20.00	8"FLG.	6.75

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MFG. REF.:	SPEC SECTION:	ENGINEER CO.:	MAT'L:	PATT. No.	GEOMETRIC TOLERANCE PER: EP938	ORDER No.
△ UPDATED TO ACAD, HOWDEN	MPM	2/16/16	16916V	MNM	CERTIFIED	DR. RDR
△ ADDED 'INLET' & 'DISCH'	RDR	6848V			PURCHASE ORDER:	CHKD.BMS
△ REV 'H' & 'G' DIM FOR 616	RDR	6294V	BMS	AGP	PROJECT:	APP. RDA
△ REV 'F' DIM FOR 616	NEP	5986V	RLW		EQUIPMENT No.:	DBV.
					CERTIFIED BY:	
					DATE (M/D/Y):	
					CAD FILE / DIRECTORY	SCALE
					78391A21 / XXAD	NTS
						DATE
						M/D/Y

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

400/600 RAM SERIES
DRY VACUUM RAM-DVJ
HIGH PRESSURE RAM-DPJ

78391021
SHEET 1 OF X

REV J