Our Products Develop Tomorrow's Technologies

Ideal vacuum products
Formerly Pchemlabs

BUSCH Rotary Vane R5 Series Single Stage New Models	0004	0006	0010	0012	0016	0021	0025	0040	0063	0100	0165	0205	0255	0305	0400	0502	0630	1000	1600
Pump Speed (CFM)	3	3.9	6	7	8.6	14	18	26	36	56	115	130	170	196	305	375	455	670	1030
Motor Size for 3 Phase(hp)	N/A	1/2	3/4	3/4	3/4	1	1 1/2	2	3	5	7.5	7.5	10	12	15	20	25	40	50
Motor Size for 1 Phase(hp)	3/8	1/2	1	3/4	1	1 1/4	1 1/2	2	3	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oil Capacity (qt.)	.1	.1	.5	.5	.5	.5	1.4	1.4	2.5	2.7	7	7	7	7	14	16	16	42	42
Inlet NPT (inch)	3/8	3/8	3/4	3/4hose	3/4	3/4hose	1 1/4	1 1/4	1 1/4	1 1/4	2	2	2	2	3	3	3	6 asa	6 asa
Length (in)	12 1/8	12	18 1/4	16 5/8	19 1/2	17 1/4	26 1/8	26 13/16	28	29 1/2	40 1/2	40 1/2	43 5/8	43 5/8	54 3/8	67 1/16	70 1/8	75	87 3/4
Width (in)	7 1/8	7 1/2	10 1/4	11	8 1/2	11 7/16	14 9/16	14 9/16	19 5/16	19 5/16	23 9/16	23 9/16	23 9/16	23 9/16	36 3/8	37 3/4	37 3/4	45 3/4	45 3/4
Height (in)	7	6 1/8	7 1/8	6 3/4	8	7 3/16	10 3/8	10 3/8	11 7/8	11 7/8	16 1/2	16 1/2	16 1/2	16 1/2	26 1/2	26 1/2	26 1/2	36 3/4	36 3/4
Weight (lbs.)	27	28	49	42	60	42	106	120	172	198	416	435	460	575	1152	1316	1525	2151	2833

BUSCH Rotary Vane R5 Series Single Stage Older Models	0055C&E	0160B	0160C	0160D	0202D	0250B	0250C	0250D	0302D
Pump Speed (CFM)		190	190	190	240	300	300	300	360
Motor Size for 3 Phase(hp)		5.5	5.5	5.5	5.5	7.5	7.5	7.5	7.5
Motor Size for 1 Phase(hp)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oil Capacity (qt.)		5	5	5	5	6.5	6.5	6.5	6.5
Inlet NPT (inch)		G2	G2	G2	G2	G2	G2	G2	G2
Length (in)		34.6	34.6	34.6	33.7	38	38	38	40.3
Width (in)		20.1	20.1	20.1	19.7	22.6	22.6	22.6	22.6
Height (in)		15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
Weight (lbs.)		140	140	140	140	190	190	190	190

BUSCH Rotary Vane 7005 Series Single Stage	RA 0025	RA 0040	RA 0063	RA 0100
Pump Speed (CFM)	18	26	36	56
Motor Size for 3 Phase(hp)	1.5	2	3	5
Rotation Speed (RPM)	1800	1800	1800	1800
Oil Capacity (qt.)	1.4	1.4	2.5	2.7
Inlet (KF)	25	25	40	40
Length (in)	25 1/2	26 1/8	27 3/4	29 1/4
Width (in)	16 1/4	17 1/8	17 3/8	18 1/2
Height (in)	6 3/16	6	6 1/4	6 11/16
Weight (lbs.)	106	120	172	198

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