



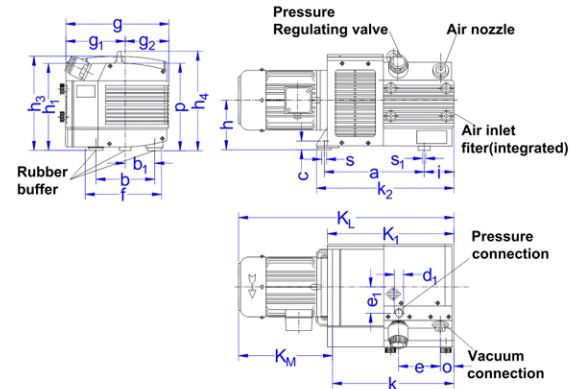
**Premier
Fluid
Systems**

DRY VANE SERIES DVV Oil Free, Air Cooled

ISO 9001

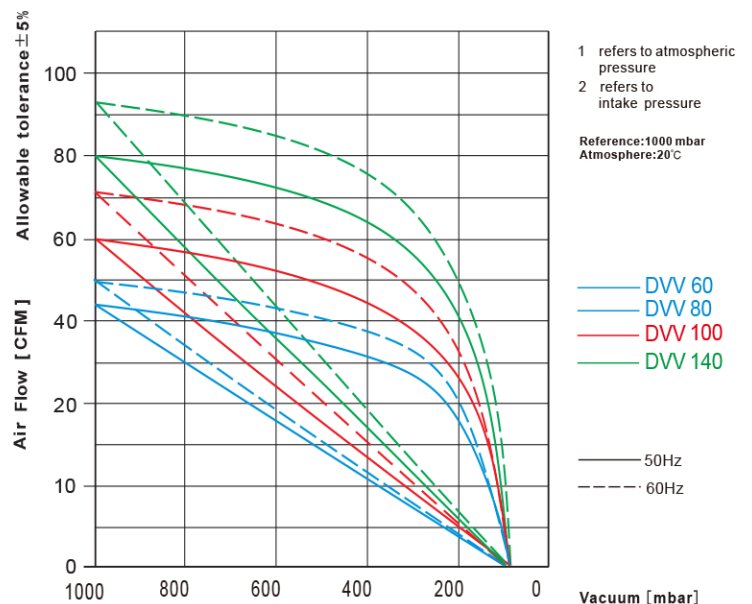
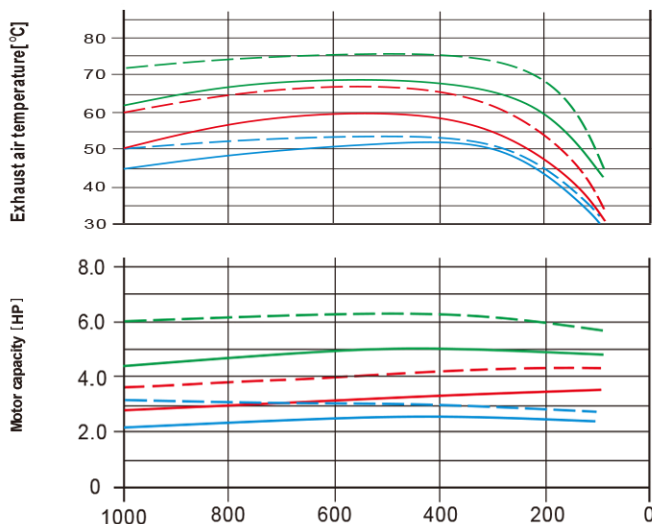
Series Dimensional Data

R *DVV 60-80-100-140* otary vane vacuum pump



Type	Air flow (C.F.M.)		Motor Power (HP)		Motor Voltage(V)		Speed(RPM) ¹		Vacuum [mbar / Hg.V]	Noise Level [dB(A)]		Weight (lbs)	Motor/Type
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz		50 Hz	60 Hz		
DVV 60	32	39	2.1	2.5	230/400V ±10%	230/400V ±10%	1420	1710	100 / 27"	72	75	74	B 5/250
DVV 80	39	53	3.0	3.5	230/400V ±10%	230/400V ±10%	1420	1710	100 / 27"	72	75	74	B 5/250
DVV 100	58	69	4.0	5.0	230/400V ±10%	230/400V ±10%	1430	1720	100 / 27"	75	77	90	B 5/250
DVV 140	78	93	5.4	7.5	230/400V ±10%	230/400V ±10%	1430	1720	100 / 27"	76	79	104	B 5/300
Type	a	b	b ₁	c	d ₁	e ₁	f	g	g ₁	g ₂	h	h ₁	h ₃
DVV 60	322	190	95	33	G 1"	65	235	355	189	150	161	275	314
DVV 80	322	190	95	33	G 1"	65	235	355	189	150	161	275	314
DVV 100	399.5	246	134	33	G 1 1/2"	95	295	470	232.5	221.5	162	235	376
DVV 140	399.5	246	134	33	G 1 1/2"	95	295	470	232.5	221.5	162	235	376
Type	h ₄	i	k	k ₁	k ₂	k _M	k _L	o	p	s	s ₁		
DVV 60	331	93.5	401	419	451	330	728.5	49.5	289	Ø 12	M 8		
DVV 80	331	93.5	401	419	451	330	731	49.5	289	Ø 12	M 8		
DVV 100	382	146.5	527.5	543	570	398	925.5	24	336	Ø 12	M 8		
DVV 140	382	146.5	527.5	543	570	398	925.5	24	336	Ø 12	M 8		

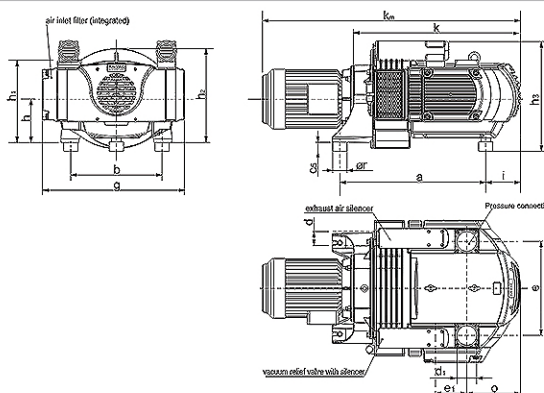
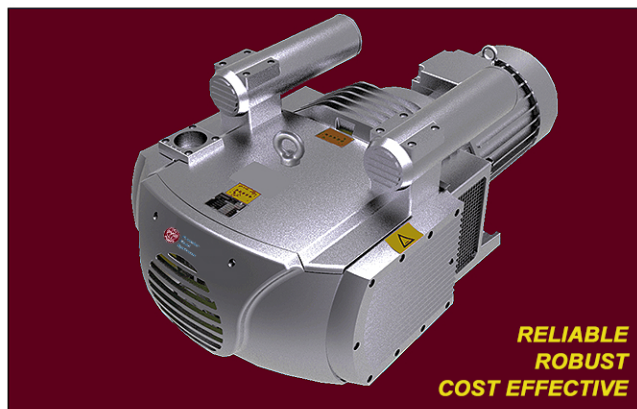
Performance Data



Series Dimensional Data

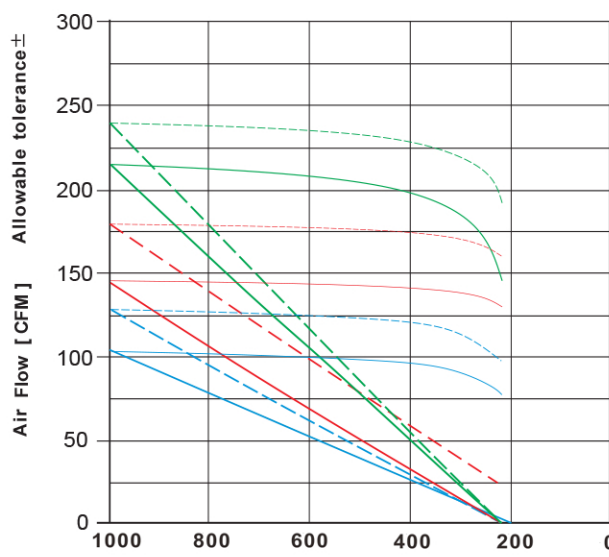
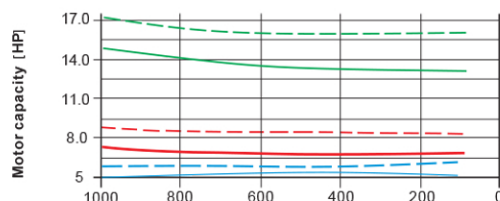
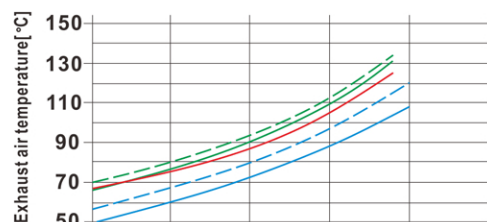
RDVV 200 - 250 - 360

Rotary vane vacuum pump



Type	Air flow (C.F.M.)		Motor Power (HP)		Vacuum [mbar] [Hg.V]	Noise Level [dB(A)]		Speed(RPM)		Weight (lbs)	Motor/Type
	50 Hz	60 Hz	50 Hz	60 Hz		50 Hz	60 Hz	50 Hz	60 Hz		
DVV 200	105	128	5.4	6.4	200 / 24"	75	77	960	1150	616	B5/300
DVV 250	147	177	7.4	8.8	200 / 24"	81	81	960	1150	686	B5/350
DVV 360	207	TBA	14.7	TBA	250 / 22.5"	80.5	81	1450	1720	567	B5/350
Type	a	b	c _s	d	d ₁	e	e ₁	g	h		
DVV 200	645	380	40	G 2"	G2½"	423	216	612	225		
DVV 250	645	380	40	G 2"	G2½"	423	216	612	225		
DVV 360	645	380	40	G 2"	G2½"	423	216	612	225		
Type	h ₁	h ₂	h ₃	i	k	k _M	o	Ø _r	s		
DVV 200	388.5	426	493.5	125	684	1092	171.5	50	M 10		
DVV 250	388.5	426	493.5	125	684	1092	171.5	50	M 10		
DVV 360	388.5	426	493.5	125	684	1092	171.5	50	M 10		

Performance Data



1 refers to atmospheric pressure

2 refers to intake pressure

Reference: 1000 mbar
Atmosphere: 20°C

Vacuum [mbar]

— DVV 200
— DVV 250
— DVV 360
— 50Hz
--- 60Hz