

Our Products Develop Tomorrow's Technologies



	DS42	DS102 D04*	DS202 D08	DS302 D12	DS402 D16	DS602 D28	DS1002	DS1602	SD40 2002*	SP90 2004	SD91 2005D	SD200 2008A	CD200 2008C	SD201 2010S1	SD300 2012A
VARIAN Rotary Vane															
Pump Speed (CFM)	1.2	3.5	5.8	8.2	12.3	18.3	31	51	1.4	3.2	3.8	7	7	6.8	11
Inlet Flange	KF16	KF25	KF25	KF25	KF25	KF25	KF40	KF40	KF16	KF25	KF25	KF25	KF25	KF25	KF25
Outlet Flange	KF16	KF25	KF25	KF25	KF25	KF25	KF40	KF40	10mm Hose Nipple	KF25	KF25	KF25	KF25	KF25	KF25
Ultimate Pressure	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1	1.5	1.5	1.5	1.5	1.5	1.5
Rotation Speed (RPM)	3480	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Oil Capacity (liters)	0.6	0.5	0.6	0.6	1	1	3.1	4.5	0.35	0.75	0.83	1	1	0.95	0.08
Oil Type Hydrocarbon															
Oil Type PFPE															
Weight (LBS.)	24	48	55	55	77	77	136	224	26.4	53.9	55	56.1	56.1	57.2	58.3
Length (in)	12	16.9	18.4	18.4	21.3	21.3	25.2	31.9	12.7	12.7	9	19.5	19.5	9.6	19.5
Width (in)	4.2	5.2	5.2	5.2	6.5	6.5	9	8.9	4.5	4.5	10	5.5	5.5	10	5.5
Height (in)	6.2	8.3	8.3	8.3	9.5	9.5	13.8	17.7	7.3	7.3	6.5	6.73	6.73	6.5	6.5
Common Motor Phase	1	1	1	1	3	3	3	3	1	1	1	1	1	1	1
Common Motor Voltage	115/220	115/220	115/220	115/220	115/220	115/220	230/415	230/415	115/220	115/220	115/220	115/220	115/220	115/220	115/220
Water Vapor Capacity	60	60	100	160	350	550	650	1000	36	110	110	110	110	100	100
Water Vapor Pressure	15	15	15	15	30	30	20	20	30	19	19	19	19	11	11
VARIAN Rotary Vane															
Pump Speed (CFM)	11	10.6	10.6	15.9	14.6	14.6	23	23	42	42	85	85	15.4	22.4	
Inlet Flange	KF25	KF25	KF25	KF25	KF25	KF25	KF40	KF40	KF40	KF40	KF50	KF50	KF25	KF25	
Outlet Flange	KF25	KF25	KF25	KF25	KF25	KF25	KF40	KF40	KF40	KF40	KF50	KF50	KF25	KF25	
Ultimate Pressure	1.5	1.5	1.5	1.5	1.5	1.5	2	2	2	2	2	2	1.5	1.5	
Rotation Speed (RPM)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	2000	2000	
Oil Capacity (liters)	0.08	0.95	0.95	0.8	0.98	0.98	3.6	3.6	7	7	7.5	7.5	1	1	
Oil Type Hydrocarbon															
Oil Type PFPE															
Weight (LBS.)	58.3	59.4	59.4	62.2	61.6	61.6	134	134	205	205	508	508	73	73	
Length (in)	19.5	10.6	10.6	20.6	11.5	11.5	27	27	32	32	38	38	20.3	20.3	
Width (in)	5.5	10	10	5.5	10	10	9	9	10	10	16.5	16.5	6.5	6.5	
Height (in)	6.5	6.5	6.5	6.73	6.5	6.5	15	15	17	17	21	21	10.7	10.7	
Common Motor Phase	1	1	1	1	1	1	3	3	3	3	3	3	1 or 3 Universal	1 or 3 Universal	
Common Motor Voltage	115/220	115/220	115/220	115/220	115/220	115/220	208/460	208/460	208/460	208/460	208/460	208/460	208/460	208/460	208/460
Water Vapor Capacity	100	100	100	100	90	90	700	700	1200	1200	300	300	350	550	
Water Vapor Pressure	11	7.5	7.5	7.5	50	50	22	22	19	19	30	30	30	30	

*Identical Alcatel Pumps *Identical Galileo Pumps

Kimney and Precision Scientific Also Have Some of The Same Models in this list. See Rotary Vane Cross Reference Chart.

CDR-Files\MISC
PumpSpecs\VarianRotaryVane