

Our Products Develop Tomorrow's Technologies



	D2A	D2AC	D4A	D4AC	D8A	D8AC	D16A	D16AC	D30A	D30AC	D60A	D60AC	D90A	D90AC
Leybold vacuum Rotary Vane														
Pump Speed (CFM)	2.2	2.2	4.5	4.5	7.0	7.0	14.1	14.1	26.8	26.8	36.7	36.7	53.7	53.7
Inlet Flange	KF16	KF16	KF16	KF16	KF25	KF25	KF25	KF25	KF40	KF40	KF40	KF40	KF40	KF40
Outlet Flange	KF16	KF16	KF16	KF16	KF25	KF25	KF25	KF25	KF40	KF40	KF40	KF40	KF40	KF40
Ultimate Pressure UPP	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Ultimate Pressure UTP	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Rotation Speed (RPM)	1725	1725	1725	1725	1725	1725	1725	1725	1725	1725	1150	1150	1725	1725
Oil Capacity (liters) ^{1.056cfs}	0.47	0.47	0.71	0.71	0.95	0.95	1.2	1.2	3.5	3.5	4	4	4	4
Oil Type Hydrocarbon	HE175	HE175	HE175	HE175	HE175	HE175	HE175	HE175	HE175	HE175	HE175	HE175	HE175	HE175
Oil Type PFPE	HE1600	HE1600	HE1600	HE1600	HE1600	HE1600	HE1600	HE1600	HE1600	HE1600	HE1600	HE1600	HE1600	HE1600
Weight (LBS.)	41	41	45	45	80	80	85	85	163	163	210	210	210	210
Length (in)														
Width (in)														
Height (in)														
Common Motor Phase	1	1	1	1	1	1	1	1	3	3	3	3	3	3
Common Motor Voltage	115/220	115/220	115/220	115/220	115/220	115/220	115/220	115/220	208/460	208/460	208/460	208/460	208/460	208/460
Water Vapor	30	30	15	15	30	30	15	15	40	40	20	20	20	20
Rotary Vane														
Pump Speed (CFM)	1.75	3.4	6.9	13.4	13.4	20.9	20.9	32.5	32.5	53	53	53	53	53
Inlet Flange	KF16	KF16	KF16	KF16	KF25	KF25	KF25	KF40	KF40	KF40	KF40	KF40	KF40	KF40
Outlet Flange	KF16	KF16	KF16	KF16	KF25	KF25	KF25	KF40	KF40	KF40	KF40	KF40	KF40	KF40
Ultimate Pressure UPP	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
Ultimate Pressure UTP	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45
Rotation Speed (RPM)	3600	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Oil Capacity (liters) ^{1.056cfs}	.22	0.8	0.9	1.1	1.1	1.4	1.4	2.6	2.6	3.3	3.3	3.3	3.3	3.3
Oil Type Hydrocarbon	HE200	HE200	HE200	HE200	HE200	HE200	HE200	HE200	HE200	HE200	HE200	HE200	HE200	HE200
Oil Type PFPE	HE1600 or NC 1/14	HE1600 or NC 1/14	HE1600 or NC 1/14	HE1600 or NC 1/14	HE1600 or NC 1/14	HE1600 or NC 1/14	HE1600 or NC 1/14	HE1600 or NC 1/14	HE1600 or NC 1/14	HE1600 or NC 1/14	HE1600 or NC 1/14	HE1600 or NC 1/14	HE1600 or NC 1/14	HE1600 or NC 1/14
Weight (LBS.)	20	41.2	46.7	57.3	57.3	70.6	70.6	150	150	177	177	177	177	177
Length (in)	12.75	18	19	19.29	19.29	22.29	22.29	26.6	26.6	29.5	29.5	29.5	29.5	29.5
Width (in)	4.8	6	6	6.9	6.9	9.21	9.21	9.21	9.21	9.21	9.21	9.21	9.21	9.21
Height (in)	6.65	9	9	10	10	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89
Common Motor Phase	1	1	1	1	3	1	3	3	3	3	3	3	3	3
Common Motor Voltage	115/220	115/220	115/220	115/220	208/460	208/460	208/360	208/460	208/460	208/460	208/460	208/460	208/460	208/460
Water Vapor	12	25	25	25	25	25	25	30	30	30	30	30	30	30

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	SV10B	SV16B	SV25B	SV16	SV25	SV40B	SV65B	SV100B	SV200	SV300	SV500	SV630F	SV750 50HZ	SV1200
Leybold vacuum Rotary Vane Sogevac														
Pump Speed (CFM)	7.7	11.2	18.3	11	17	31.2	41.8	68.9	129.5	340	335.7	494.8	494.8	677
Ultimate Partial Pressure(Torr)	0.75	0.75	0.4	0.4	0.4	0.4	0.4	0.4	6X10 ⁻²	6X10 ⁻²	6X10 ⁻²	6X10 ⁻²	6X10 ⁻²	6X10 ⁻²
Ultimate Total Pressure(Torr)	1.5	1.5	0.6	1.1	1.5	1.1	1.1	1.0	0.5	0.5	0.75	0.5	0.5	1.1
Water Vapor Tolerance(Torr)	11.3	11.3	7.5	30	30	22.5	22.5	30	30	30	30	37.5	22.5	37.5
Water Vapor Capacity(qt./hr)	32	50	106	32	48	95	132	180	5.7	7.8	14	25	15	25
Oil Capacity (liters) <small>1.056qts.</small>	0.5	0.5	0.53	2	1.8	1.05	2.1	2.0	9.0	9.0	38	38	38	70
Oil Type Hydrocarbon														
Oil Type PFPE														
Noise Level (dB)	66	66	67	56	56	63	64	64	73	74	74	78	78	75
Nominal Speed (rpm)	3600	3600	3600	1500	1500	1800	1800	1800	1750	1750	880	1170	1170	700
Weight (lbs.)	41.5	45.25	60	50.7	52.9	99.3	114.8	194.3	341.8	430	630	1389	1389	3021
Length (in)	12.4	12.4	14.02	16.66	16.61	16.7	18.9	29.7	37	42.5	42.5	63.03	63.03	65.35
Height (in)	11	11	10.83	10.35	10.35	11.2	12.6	15.7	21	21	21	34.64	34.56	39.57
Width (in)	7.83	7.83	9.69	9.29	9.29	10.4	10.4	11.4	17.7	17.7	17.7	31.49	27.48	31.49
Intake (inside thread) ⁽¹⁾ G or NPT	3/4 + 12	3/4 + 12	3/4 + 12	3/4 + 12	3/4 + 12	1 1/4	1 1/4	1 1/4	2	2	(2)	(3)	160 DIN (5)	ASA 150-6
Exhaust G or NPT inches			3/4	1/2	1/2	1 1/4	1 1/4	1 1/4	2	2	(2)	(4)	100 ISO-K (6)	ASA 150-6*
Common Motor Phase	1	1	1	1	1	1	1	1	1	3	3	3	3	3
Common Motor Voltage	115/230	115/230	115/230	115/230	115/230	115/230	115/230	115/230	115/230	208/460	208/460	208/460	208/460	208/460

All measurements as 60HZ

- (1) Pumps with European and Japanese motors have G, pumps with US NEMA motors have NPT.
- (2) 4" ANSI 150 - 100 ISO-K
- (3) 100 ISO-K + 100 PN 10 / 100 ISO-K + 4" ASA 150
- (4) ø (100 ISO-K) 100 ISO-K + 4" ASA 150
- (5) 100 ISO-K + 100 PN10
- (6) ø 80 (100 ISO-K)