

CLARK**Pressure/Vacuum Pump Model Series 16000***24VDC Powered Rotary Vane Pumps, Gas Flow to 11.5 LPM***DESCRIPTION**

These rotary vane pumps are an excellent pressure/vacuum source for gas analyzers, medical devices, process samplers and other analytical instrument applications. They are also useful for material handling and many general automation applications.

The pumps are quiet, reliable and mount in any position. The units operate oil free. The pump vanes have a service life of 1,000 hours and are easily field replaced without special tools.

**SPECIFICATIONS**

Maximum Differential pressure- 1200 mbar

Maximum Flow- 11.5 LPM

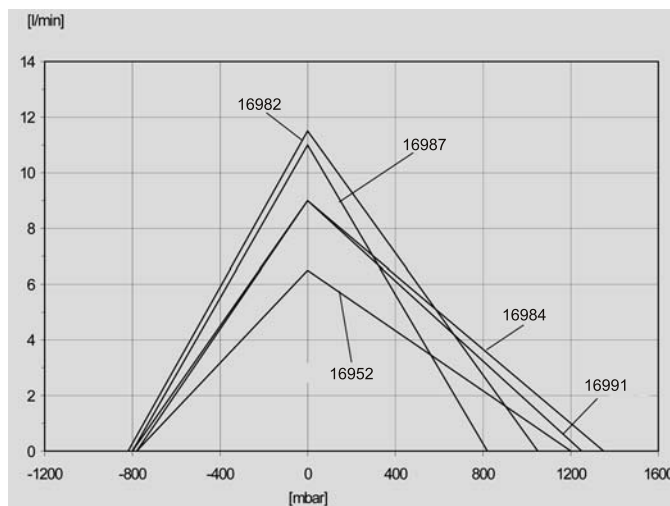
Vane Material- Carbon

Media- inert gases

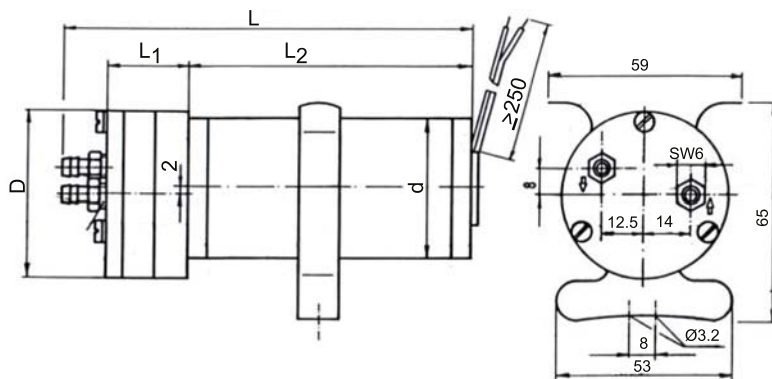
NOTE

Operation at a somewhat lower than pump design voltage will yield a significantly longer life of the motor and the pump while also decreasing the current draw and operating noise of the unit.

If used for continuous operation, we recommend selection of a pump that has a slightly higher pumping capacity than needed during normal operation.

**DIMENSIONS (MM)**

Model	D	d	L	L ₁	L ₂
16952	50	42	106	20.5	72
16984	50	42	109	23.5	72
16982	50	42	109	23.5	72
16991	50	42	132	23.5	85
16987	50	42	132	23.5	85

**ORDERING INFORMATION**

Model	Voltage	Max. Flow(L/min)	Max. Pressure (mbar)	Max Vacuum mbar	Min.Current (A) Min.Flow,No Load	Max. Current (A) Max. Flow, No Load	Max. Current (A) Max. Pressure	Weight kg
16952	24	6.5	1200	780	0.4	0.9	2.0	0.65
	15	4.0	800	725	0.3	0.7	1.4	
	9	2.0	570	500	0.2	0.6	0.7	
16984	24	9.0	1350	780	0.6	1.1	2.2	0.67
	15	5.0	700	600	0.4	0.9	1.1	
	9	2.0	290	290	0.2	0.5	0.5	
16982	24	11.5	1050	820	0.7	1.4	2.3	0.67
	15	6.0	250	600	0.4	1.1	1.2	
	9	2.8	140	270	0.2	0.6	0.7	
16991	24	9.0	1250	800	0.7	1.3	2.7	0.78
	15	4.5	760	550	0.4	0.9	2.7	
	9	2.0	230	280	0.3	0.6	0.6	
16987	24	11	820	800	0.6	1.2	1.3	0.78
	15	5.5	650	600	0.3	1.0	1.4	
	9	3.0	250	250	0.2	0.6	0.6	