

CLARK**Pressure/Vacuum Pump Models 133/147/153/163****DC Powered Rotary Vane Pumps****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.

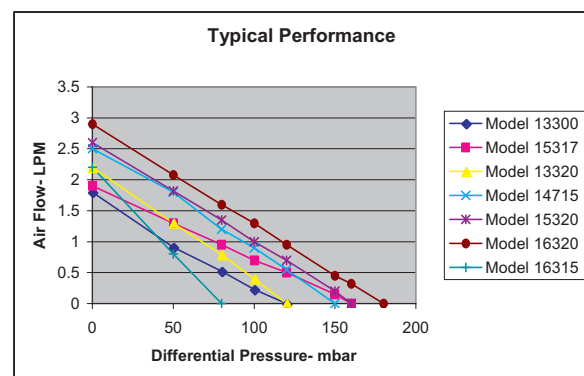
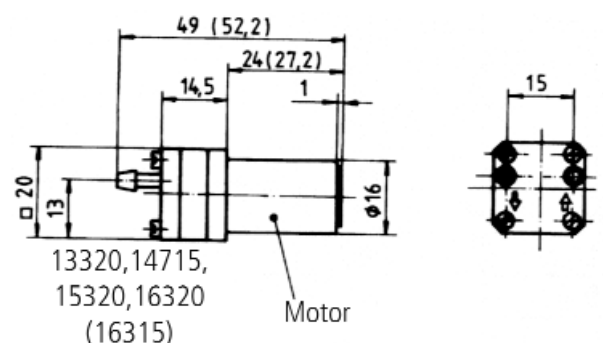
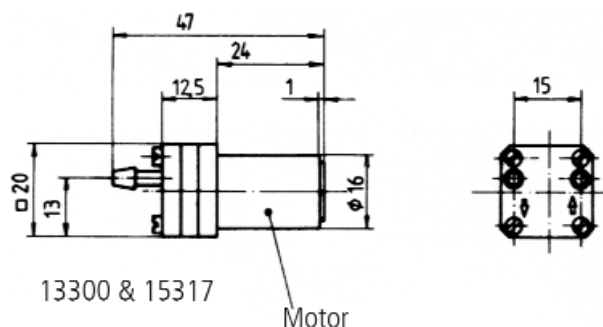
**SPECIFICATIONS**

Maximum Differential Pressure- 180 mbar

Maximum Flow- 2.9 LPM

Vane Material- Carbon

Media- Inert gases

**DIMENSIONS (MM)****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, please note that the electrical current will be at least 10% below the specified design current draw. Consequently, we recommend that you select a pump that has a slightly higher pumping capacity than needed during normal operation.

ORDERING INFORMATION

Model	Voltage	Max. Flow(L/min)	Max. Pressure (mbar)	Min Current (mA)	Max. Current (mA)	Weight (grams)
13300	6	1.5	120	150	530	38
15317	12	1.9	160	140	200	38
16320	24	2.9	180	130	180	41
13320	6	2.2	120	180	290	41
14715	9	2.5	150	180	280	41
15320	12	2.6	160	180	270	41
16315	24	2.2	80	80	100	47

Bold Items Are Typically In Stock