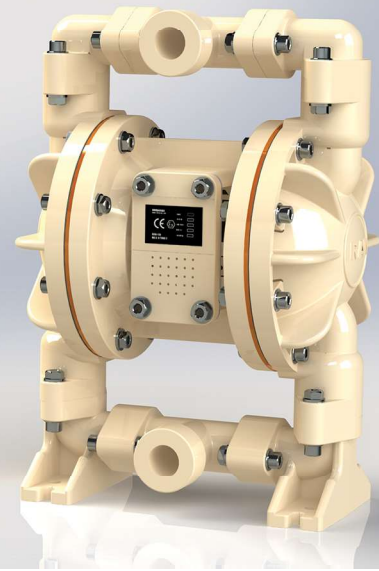


Ran® 1/2" (12.7 mm)

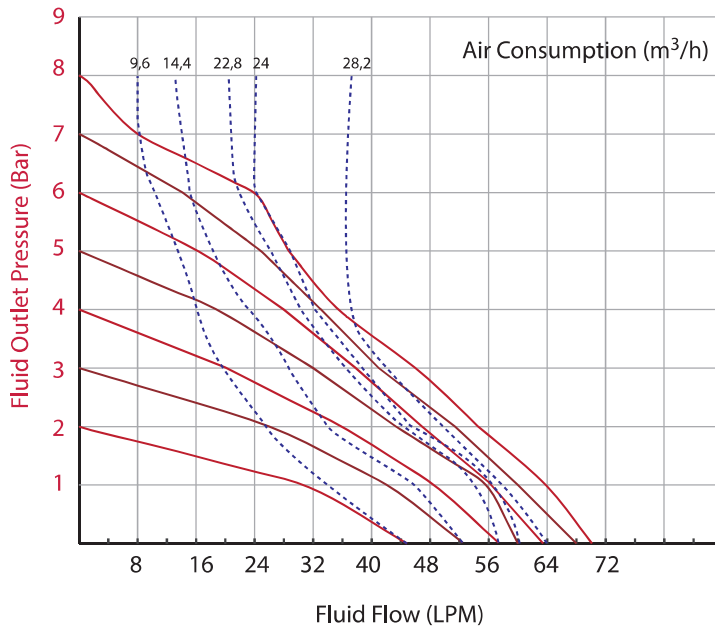
PVDF Body Diaphragm Pump



Technical Specifications

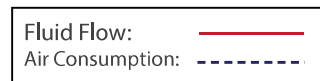
Pump Code	B15-PVX-1	Pump Housing Material	PVDF
Max. Flow Rate	70.2 lpm	Center Section Material	PVDF
Max. Pump Speed	400 cpm	Max. Size Pumpable Solids	2 mm
Displacement per cycle	0.175 liter	Max. Suction Lift	4 m
Fluid Inlet- Outlet Size	1/2"	Max. Operating Temperature	105 °C
Air Inlet Size	1/4"	Sound Level	74 dBa (at 5 bar)
Max. Fluid Working Pressure	8 bar	Diaphragm Options	Santoprene - PTFE- BunaN- Viton
Max. Air Consumption	0.44 m ³ /min	Weight	3.5 kg

Performance Curves



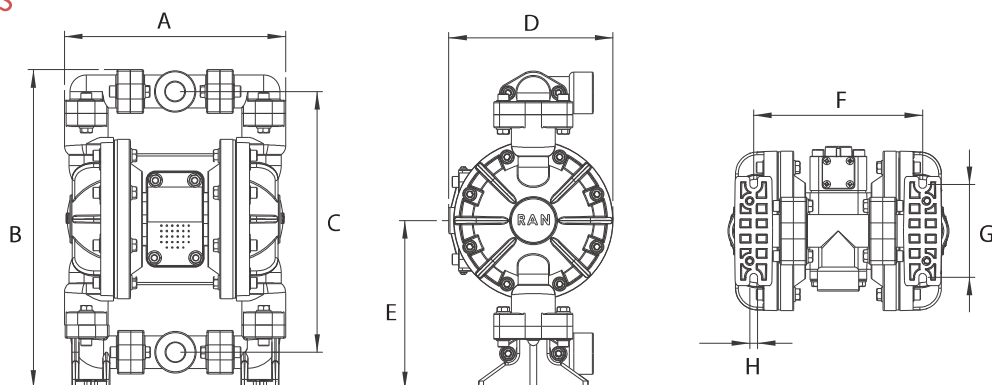
Test Conditions: All tests are made with using water and Santoprene diaphragm. Suction hose submerged in the fluid. Muffler not used. If using PTFE diaphragm, capacity decreases by 10%. All the values are shown are approximate and not binding.

Example: To pump 45lpm against a discharge pressure of 2.7 bar, requires 7 bar and 28.2 m³/h air consumption.



Dimensions

A	203
B	292
C	239
D	150.5
E	155
F	152
G	85
H	7



All dimensions are in mm.