



VP-Series Pneumatic Valves Specifications Sheet

The pneumatic valves can be used to intercept hydrocarbons such as diesel, gasoline, kerosene, airplane fuel products and various solvents with the exception of special versions requested by clients for the specific use.

In standby (no low flow and high flow air supply) the shutter, attached to the shaft, presses on gasket thanks to the action of a spring preventing the “IN”- “OUT” passage. Once closed, the action of the spring is reinforced by the force due to the differential section defined by the construction diameters of the shutter and its inner guide (not shown in the figure) which contributes to the “seal” of the valve.



Materials

<i>Part</i>	<i>Material</i>
Body	Aluminium
Cover	Aluminium
Shutter	Aluminium
Guide	Aluminium
Drive parts	Aluminium
Shafts	Stainless steel AISI 316
Springs	Stainless steel AISI 302
Gaskets	Viton, Teflon
screws	Carbon steel, stainless steel

Operating states

- Full flow opening
- Reduced flow opening
- Change from full flow to reduced flow
- Change from full flow to zero flow
- Change from reduced flow to zero flow

Specifications

Model	Flange size	Flow rate
VP7	2"	500 l/min (132 GPM)
VP15	3"	1000 l/min (264 GPM)
VP30	4"	1700 l/min (449 GPM)

Dimensions

