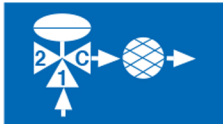







Hydraulic Data

BFLV22P	Angle Flow	Filtration 1⇒C 	Backwash C⇒2 
		Kv=52	Kv=48
BFLV33P	Angle Flow	Filtration 1⇒C 	Backwash C⇒2 
		Kv=110	Kv=100
BFLV44P	Angle Flow	Filtration 1⇒C 	Backwash C⇒2 
		Kv=225	Kv=205

$$\Delta P = \left(\frac{Q}{K_v} \right)^2$$

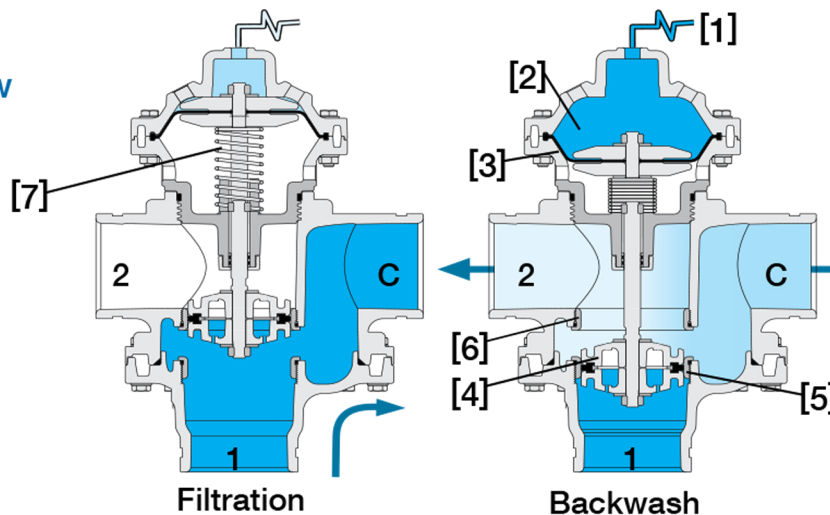
$K_v = m^3/h$ @ ΔP of 1 bar

$Q = m^3/h$

$\Delta P = \text{bar}$

Operation

Angle Flow



A Hydraulic Command [1], which pressurizes the Upper Control Chamber [2], forces the Diaphragm [3] actuated Plug Assembly [4] to move towards the Supply Port Seat [5], eventually sealing it drip tight. This allows flow from the filter through the Drain Port Seat [6]. Venting the upper control chamber causes the line pressure, together with the Spring [7] force, to move the Valve back to filtration mode.