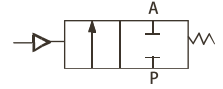


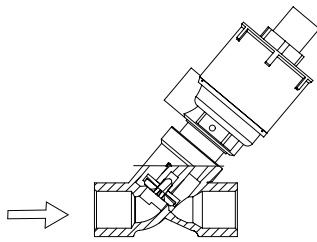
General Features and Technical Specifications



- High flow due to angle seat design
- Anti-waterhammer design (Fluid entry under the disc)
- Standard gland packing suitable for vacuum up to 10^{-2} mbar
- High performance, maintenance-free stuffing box
- Compact 32mm operator rotatable through 360°
- Fluids: Air, water, alcohol, oils, fuel, hydraulic fluids, salt solutions, alkali solutions, organic solvents, steam
- Valve ends: Female threads, BSP
- Range available from 1/4" up to 3/4", spring return N. Closed below the seat
- Actuator material: PA (Glass fibre filled PA)
- Valve material: SS316
- Seal Material: PTFE
- Pressure: 0-10 bar (depending on the size and model chosen)
- Viscosity: Max 600 cSt (mm^2/s)
- Packing Gland: PTFE V-ring
- Medium Temperature: $-10^\circ\text{C} \dots +180^\circ\text{C}$
- Ambient Temperature: $-10^\circ\text{C} \dots +90^\circ\text{C}$
- Control Fluid: Air
- Max Pilot Pressure: 10 bar
- Installation: As required, preferably with actuator in upright position, the valves can be mount in any position without affecting operation, pipe connections (G) have standard combination thread according to ISO 228/1



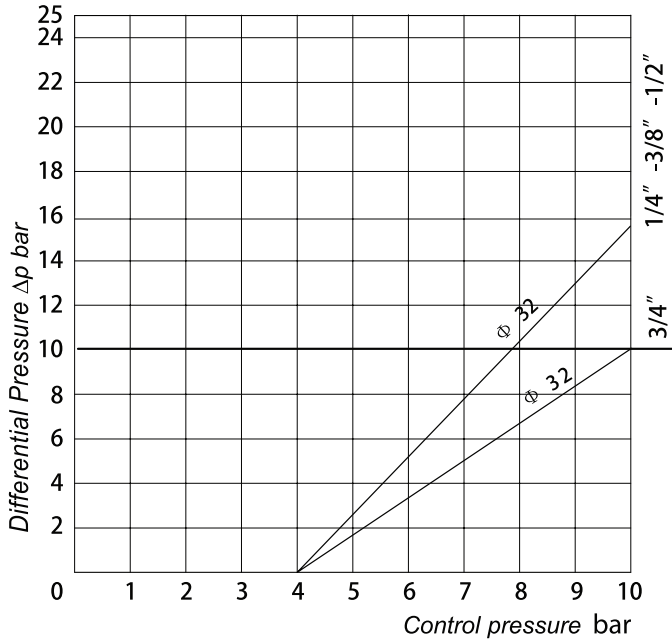
Flow Direction



Flow Direction Below Seat
(Water-Hammer Free)

Product Code	Size (G)	Actuator Size	Kv m^3/h	Pilot Pressure (bar)		Max Operating Pressure Differential	Weight kg
				Min	Max		
PPV-90P008	1/4"	32mm	1,8	4	10	10	-
PPV-90P010	3/8"	32mm	2,8	4	10	10	-
PPV-90P015	1/2"	32mm	4,1	4	10	10	-
PPV-90P020	3/4"	32mm	6,5	4	10	6	-

Pressure Diagram (Flow Below The Seat)



Orifice / Actuator (Piston 32mm)

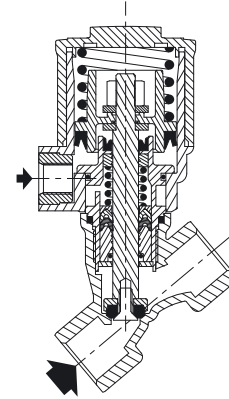
DN08 - 1/4" / 32 mm

DN10 - 3/8" / 32 mm

DN15 - 1/2" / 32 mm

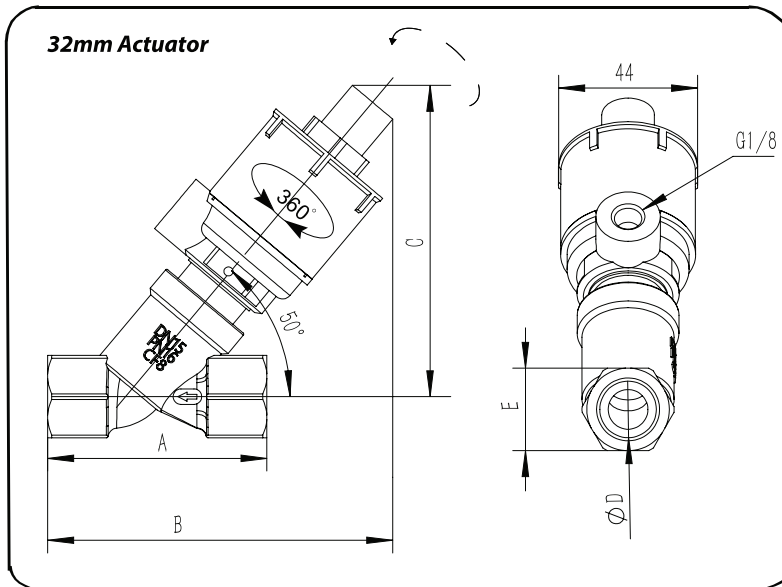
DN20 - 3/4" / 32 mm

Materials In Contact



No	Part	Material
1	Valve Body	SS316
2	Seat	PTFE
3	Swivel Plate	SS316
4	Nuts, Washer, Pin	SS304
5	Spindle	SS304
6	V-Sealing	Graphite
7	V-Seals	PTFE
8	O-Rings	VITON

Dimensions



Product Code	Dimensions (mm)				
	A	B	C	D	E
PPV-90P008	60	100	93	1/4"	21
PPV-90P010	68	110	98	3/8"	26
PPV-90P015	68	110	98	1/2"	26
PPV-90P020	75	112	102	3/4"	32