

The WPCV check valve has a spring assisted poppet and a robust design suitable for a wide range of process applications. PFA, PTFE & Hastelloy to all wetted parts ensures long, high cycle performance.

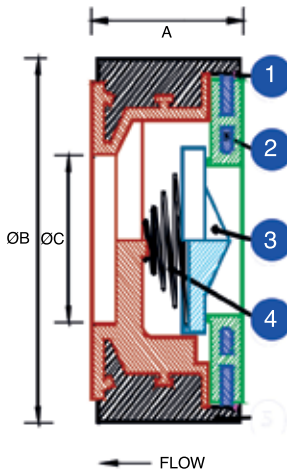


Product Features

- Positively located spring and poppet – secure from misalignment
- Crush resistant design guards against installation abuse
- Ideal design for low pressure duties
- Full bore design provides maximum flow with minimum pressure drop
- Hastelloy C276 spring as standard – poppet lift pressure 14mBar - but customized ratings available
- Designed for easy disassembly

Materials Specification

Item	Qty	Description	Materials	Specification
1	1	Circlip	Stainless Steel	BS2056 Gr. 316S42
2	1	Seat Plate	Stainless Steel PFA	ASTM A240 Gr. 304 ASTM D3307
3	1	Poppet	PTFE	BS6564 UA1/1
4	1	Spring	Hastelloy C276	ASTM B574 Gr. UNS N10276
5	1	Valve Body	Stainless Steel PFA	ASTM A240 Gr. 304 ASTM D3307



Dimensions

To Suit Pipework		Face to Face	Valve Diameter ASME 150	Valve Diameter DIN PN 10/16	Valve Bore	Weight
Inches	mm	Dim A mm	Dim B mm	Dim B mm	Dim C mm	Kg
½	15	30	45	51	16	0.2
1	25	35	63	73	25	0.5
1½	40	45	82	92	36	1.1
2	50	56	101	107	50	1.7
3	80	71	133	142	66	3.5
4	100	80	171	162	88	5.3

Options

Component	Description
Body	316 Stainless steel
Spring	Alternative pressure ratings
	PTFE encapsulated
	Alternative spring materials
	Spring removed (floating poppet)

