

# WPCV— Wafer Poppet Check Valve



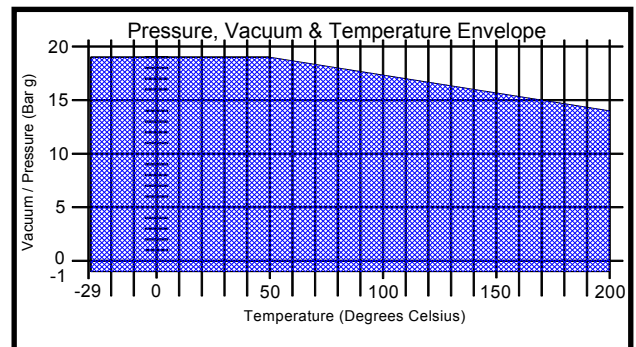
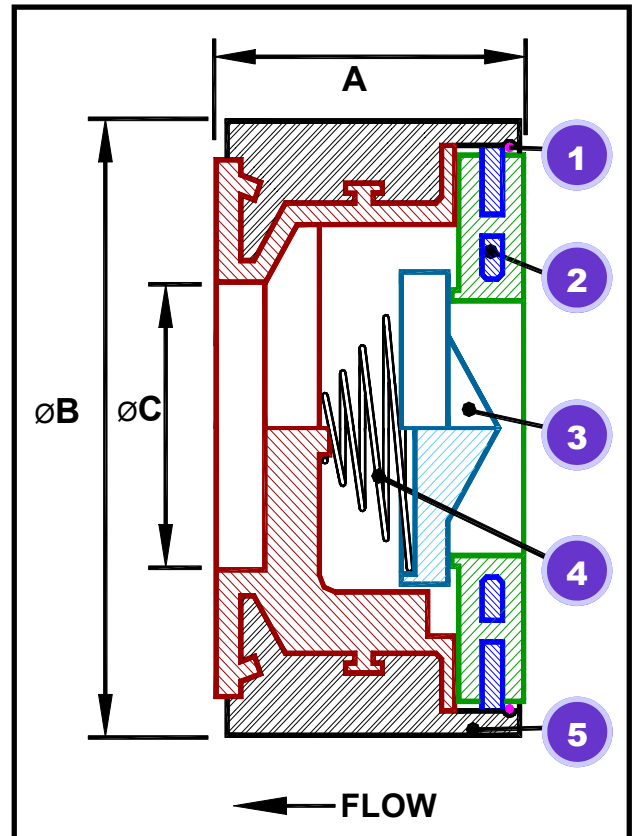
The WPCV check valve has a spring assisted poppet and a robust design suitable for a wide range of process applications. PFA, PTFE & Hastelloy to all wetted parts ensures long, high cycle performance



## 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
- 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	Carbon Steel PFA	BS970 Gr E230M07 or 070M20 ASTM D3307
		Paint Finish	75µ High Gloss Purple	Polyurethane



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
1/2	15	30	45	51	16	0.2
1	25	35	63	73	25	0.5
1 1/2	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	Stainless steel
Spring	Alternative pressure ratings
	PTFE encapsulated
	Alternative spring materials
	Spring removed (floating poppet)

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