

POPPET CHECK VALVES - PCF

The PTFE lined poppet check valves PCF are used for aggressive liquids, gases and steams in all process technologies.

The parts which are in contact with the medium are made of PTFE glass filled that ensures high resistance to corrosion under severe working condition (temperature - pressure - vacuum).

The wafer valves PCF can be installed vertically or horizontally between flanges according to DIN EN 1092-1 or ANSI B16.5 150/300 class.

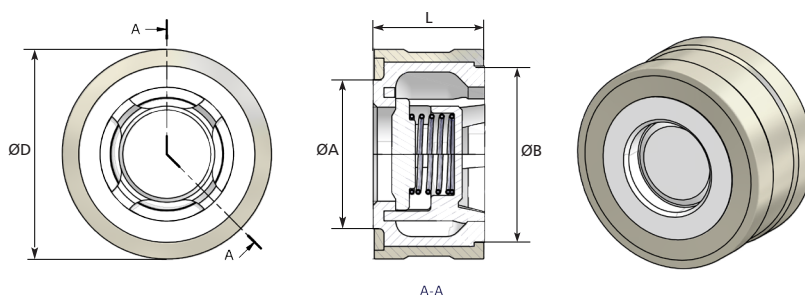
KEY FEATURES

- * Body made of stainless steel 304L
- * Lining made of PTFE glass filled (25%) or TFM/PTFE conductive FDA
- * Spring made of alloy C4 lined with PFA
- * Special execution on request with soft sealing O-ring (NBR, EPDM, FKM or FFKM)
- * Overall length according to DIN EN 558 line 52 (K5)
- * Identification according to DIN EN19
- * Made in Italy

CE Conformity acc. to European
Pressure Equipment Directive 2014/68/UE (PED)

OPERATING CONDITIONS

- * Temperature range from -40°C (-40°F) up to +160°C (+320°F)
- * Pressure range from full vacuum up to 10 bar (145 PSI), depending on size/pressure/temperature
- * Pressure and tightness testing acc. to EN 12266-1, leakage rate D for std. execution without O-ring
- * Pressure and tightness testing acc. to EN 12266-1, leakage rate A for execution with O-ring



DN	ØD (mm)		L (mm)	ØA (mm)		ØB (mm)		Weight (Kg)
	DIN	ANSI		DIN	ANSI	DIN	ANSI	
15 - 1/2"	51	47,6	25	36	31	41	31	0,1
20 - 3/4"	61	57,1	31,5	44	37	46	37	0,3
25 - 1"	71	66,7	35,5	47	45	56	45	0,4
32 - 1 1/4"	82	76,2	40	57	-	68	-	0,55
40 - 1 1/2"	92	85,7	45	64	64	76	64	0,8
50 - 2"	107	104,7	56	76	76	90	82	1,3
65 - 2 1/2"	127	123,8	63	106	95	106	95	2
80 - 3"	142	136,5	71	112	112	122	122	2,5
100 - 4"	162	170	80	130	130	140	140	3,6
125 - 5"	192	192	90	172	172	172	172	5
150 - 6"	218	218	106	198	198	198	198	7