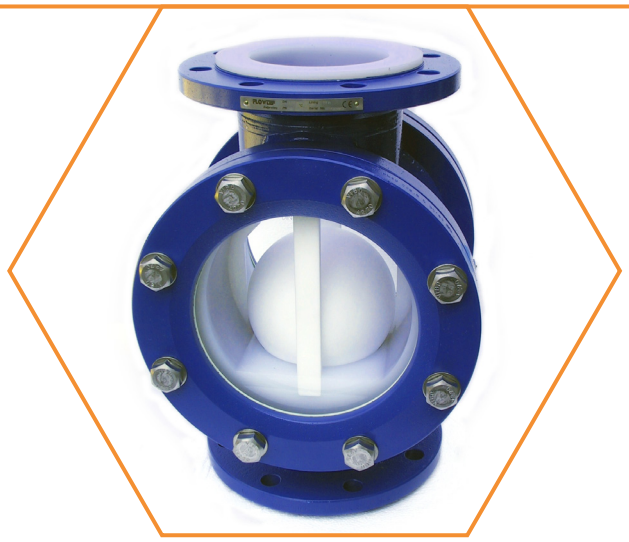
FLOWTEF®



GLASS BALL CHECK VALVES - CSF

The ball check valves with integrated sight glass CSF are used for monitoring the flow in pipelines where a wide range of corrosive and toxic fluids circulate.
These valves lined with PFA-fluorine polymer combine the characteristics of the ball check valves and sight glasses offering the advantage of the visual control of the PTFE ball during its moviment.
The CSF valves are suitable for connection with flanges according to DIN EN 1092-1 or ANSI B16.5 150/300 class.

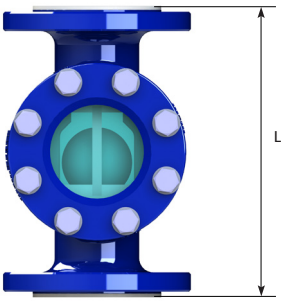
KEY FEATURES

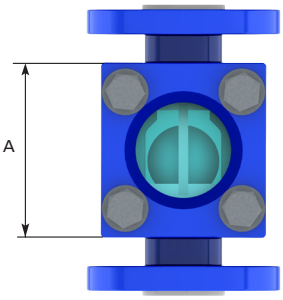
* Made of carbon steel, RAL 5005 signal-blue coating or stainless steel 304L/316L
* Linings made of PFA or PFA-AS (conductive)
* Borosilicate transparent glass
* Tie rods, nuts and washers in stainless steel A2-70
* On request FEP shield glass protection for fluorine service
* Made in Italy

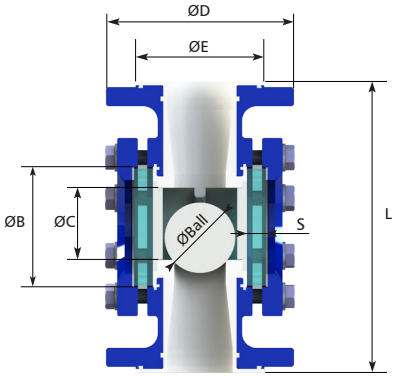
CE Conformity acc. to European Pressure Equipment Directive 2014/68/UE (PED)

OPERATING CONDITIONS

* Temperature range from -40°C (-40°F) up to +200°C (+392°F), depending on body material
* 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 A







DN	L (mm)		A (mm)	ØB (mm)	S (mm)	ØC (mm)	ØD (mm)		ØE (mm)		Bolting (n x Ø)	ØBALL (mm)	Weight (Kg)	
	DIN	ANSI					DIN	ANSI	DIN	ANSI	DIN		DIN	ANSI
25 - 1"	160	152(*)	Ø 85	63	10	48	115	107,9	68	51	4xM12	35	5,6	4,9
40 - 1½"	200	178(*)	Ø 107	80	12	65	150	127,0	88	73	4xM16	50	9,7	8,9
50 - 2"	230	203(*)	Ø 120	100	15	80	165	152,4	102	92	4xM16	60	13,0	12,0
80 - 3"	310	310(1)	Ø 190	125	15	100	200	190,5	138	127	8xM16	75	26,0	27,0
100 - 4"	350	350(1)	Ø 210	150	20	125	220	228,6	158	158	8xM16	115	34,0	35,0
150 - 6"	480	480(1)	Ø 285	175	20	142	285	279,4	212	212	8xM20	165	75,0	75,0

Face to face according to ANSI-EN 558-1 range 10
(1) Face to face according to DIN 3202 - F1 - (*) Face to face according to ANSI EN 558-1 range 10 up to DN 2"
ATTENTION: Thermal Shock Resistance of Borosilicate-Glass is according to DIN 7080 t=max 80°C (176°F)

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Subject to technical modification.