

SWING CHECK VALVES - SCF2

The fully PFA lined swing check valves SCF2 are developed for use in extremely corrosive applications and to replace costly high alloy valves. The special design allows the disc to swing freely into piping system and to install the valves in horizontal or vertical position.

The wafer valves SCF2 are suitable for the connection between flanges according to DIN EN 1092-1 or ANSI B16.5 150 class from DN 40-1½" to DN 300-12".

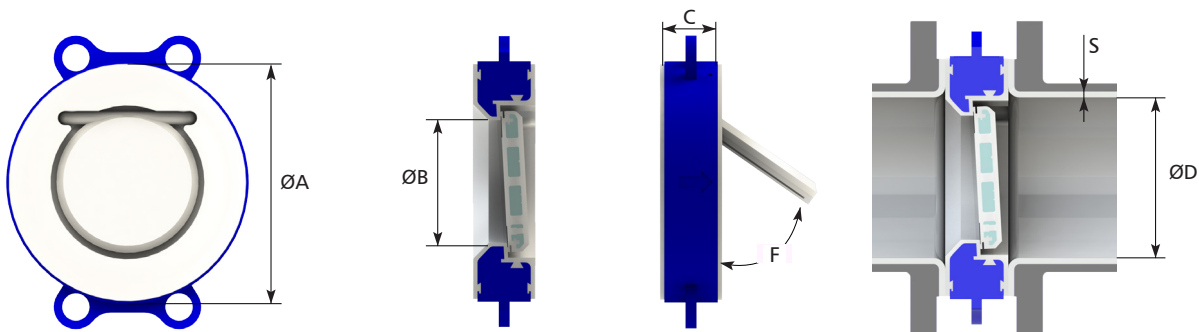
CE Conformity acc. to European Pressure Equipment Directive 2014/68/UE (PED)

KEY FEATURES

- * 2 piece bodies made of carbon steel, RAL 5005 signal-blue coating or stainless steel 304L/316L
- * Disc made of duplex 1.4469 PFA encapsulated or only SS316L, titanium Gr.2 or alloy C4
- * Linings for body and disc made of PFA or PFA-AS (conductive)
- * Centering lugs from DN 100/4" and over
- * Locked disc with integrated sealing from DN 50/2" and over
- * Face to face according to EN 558-1, range 20
- * Made in Italy

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, resp. API 598.



DN	ØA (mm)		ØB (mm)	C (mm)	F* (°)	ØD (mm)	S (mm)	Weight (Kg)
	DIN	ANSI						
40 - 1½"	92	82	22	33	40	34	3	1,1
50 - 2"	107	101	30	43	58	46	3,2	2,2
80 - 3"	142	133	51	46	55	70	3,5	3,5
100 - 4"	160		68	52	55	92	5	5,9
150 - 6"	217		111	56	55	143	5,5	9,2
200 - 8"	268		155	60	59	190	6	14,7
250 - 10"	325		205	68	62	240	7	21,3
300 - 12"	375		245	78	50	290	7	31,7

* The opening angle is calculated on the ØD

