

STCV - Swing Check Valve

Description

The STCV is a high integrity moulded wafer swing check valve, with fully encapsulated one piece disc / hinge assembly ensuring prolonged maintenance free service. Suitable for a wide range of chemical process conditions. The product is available for both standard DIN PN 10/16 and ANSI 150.

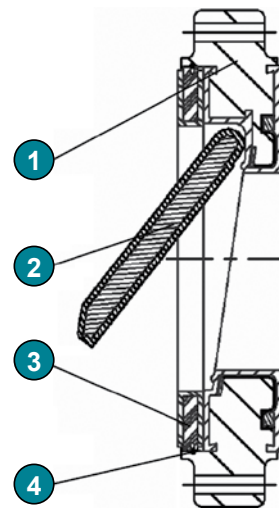
Product features

- Retained hinge design to aid installation and prevent disc removal in service
- Machined body T-slots and liner locking system securely holding liner in position
- Angled seat design ensures positive location in horizontal lines
- Virgin PFA with no pigmentation to hide defects
- Strong robust design

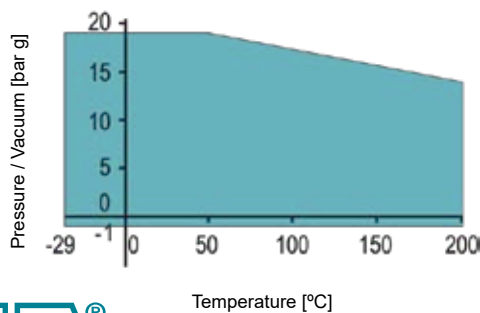


Material specification

Item	Qty	Description	Materials	Specification	DIN equivalent material
1	1	Body	Cast steel / PFA	ASTM A216 Gr WCB / PFA	1.0619 / PFA
2	1	Disc	Cast steel / PFA	ASTM A216 Gr WCB / PFA	1.0619 / PFA
3	1	Retaining Plate	Carbon Steel / PFA	BS4360 Gr 43A / PFA	1.0490 / PFA
4	1	Circlip	Stainless steel	BS2056 Gr 304S15	1.4301
		Paint finish	60 µm, RAL 5015	Epoxy coating	-
		PFA lining	ASTM D 3307		



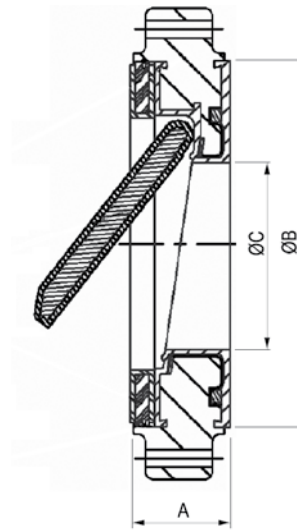
Pressure- / temperature diagram



STCV - Swing Check Valve

Dimensions

To suit pipework		Face to face	Diameter ASME 150	Diameter DIN PN 10/16	Valve bore	Weight
mm	Inches	A	B	B	C	kg
100	4	52	164	on request	72	7.0
150	6	56	219	218	110	12.0
200	8	60	275	273	150	21.5
250	10	68	336	329	184	27.5
300	12	78	406	on request	230	40.5



Options

Component	Description
Body	Stainless steel
Lining	PFA antistatic

Type code

STCV	100	.	3	3	-	3HT	.	3HT
①	②		③	④		⑤		⑥

①	Type	STCV	Swing Check Valve
②	Nominal diameter	100 - 300	mm
③	Working pressure	3	16 bar
④	Rating	3	PN 10/16
		A	ASME Class 150 others on request
⑤	Body	3HT	Cast steel / PFA
			Body with antistatic liner on request
			Body in stainless steel on request
⑥	Disc	3HT	Cast steel / PFA