



SRCB – SPRING RETURN CHECK VALVE

Non Return valve, Spring Return

The advanced design of our check valves is ideal for applications involving fluids and steam. The unique design allows reversing the flow direction, thus significantly reducing costs resulting from incorrect installation.

The sanitary spring operated non return valve is Manufactured from solid bar stainless steel AISI 316L in 2 pieces assembled together by bolts.

The guide seat plate is machined in the top body parts and the sealing is guaranteed by 1 silicone o-ring (other Elastomers are available upon request). Can be mounted in horizontal or vertical position (and is fully drainable in vertical position).

Applications:

The sanitary spring operated non return valve , is particularly appreciated for its linear internal design which is indispensable for sanitary applications and which is obligated in chemical and pharmaceutical applications.

Advantages:

- Sterilizable – Autoclavable
- High temperature and pressure resistant
- Unique O-Ring seal design minimizes bacteria traps and eliminates possibility of fluid retention
- Meets FDA and 3A specifications
- Full material traceability



Dimensions

Part Number	INCH	DN	ØTC	ID	LBW	LTC	W
SRCB –TC 1/2"	1/2"	15	25	9,4	80	85	35
SRCB –TC 3/4"	3/4"	20	25	15,7	80	85	35
SRCB –TC 1"	1"	25	50,4	22,1	80	80	74
SRCB –TC 1"1/2	1" 1/2	40	50,4	34,8	80	80	74
SRCB –TC 2"	2"	50	64	47,5	80	80	85
SRCB –TC 2"1/2	2" 1/2	65	77,5	60,2	95	95	117
SRCB –TC 3"	3"	80	91	72,9	100	100	124
SRCB –TC 4"	4"	100	119	97,4	115	115	159
SRCB –TC 6"	6"	150	167	147	184,5	184,5	222

L overall length =LBW butt weld LTC clamp
special extended tube for orbital welding available on request

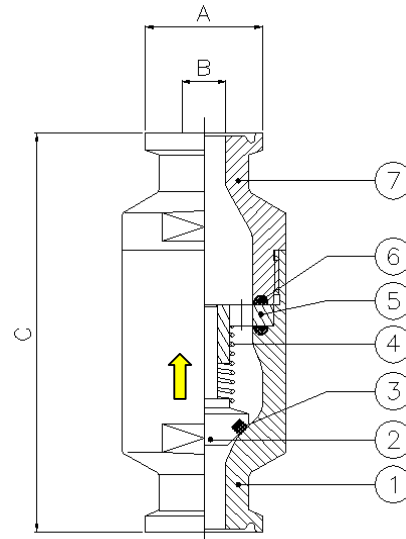


Operating conditions:

Opening pressure: 0,3 barg
 Maximum working pressure: up to 20 barg (1)
 Working temperature: up to 150°C
 (1) changes in function of diameter

Material:

1 valve body:	AISI 316L stainless steel
2 spindle:	AISI 316L stainless steel
3 seat seal:	Silicone
4 spring:	AISI 316L stainless steel
5 guiding plate:	AISI 316L stainless steel
6 body seal(2 p)	Silicone
7 clamp connection	AISI 316L stainless steel



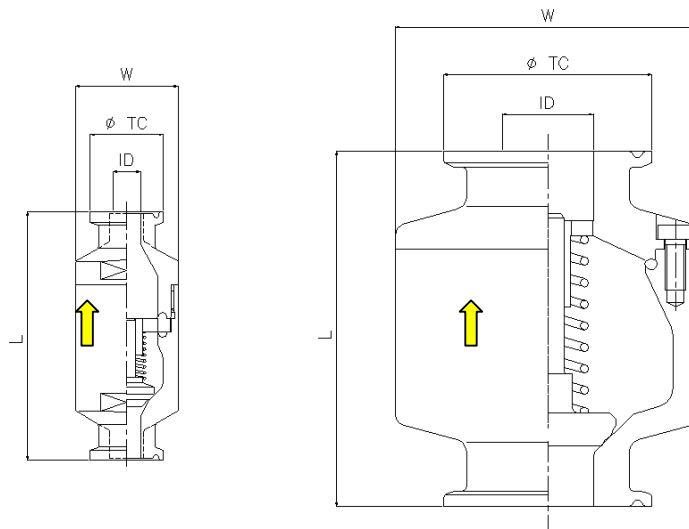
Surface finish:

Product contact surface are finish $Ra \leq 0.6 \mu m$

Marking:

To guarantee full traceability, the following information is permanently marked on the valve body :

- CE mark (when necessary),
- Material (316L)
- Indication of flow direction,
- on request: heat number or lot number



Additional information and more at: sales@cskbio.com
 The specifications or design are subject to change without prior notice.