

По вопросам продаж и поддержки обращайтесь:  
Волгоград (844)278-03-48, Воронеж (473)204-51-73, Екатеринбург (343)384-55-89, Казань(843)206-01-48,  
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**SWISS**fluid

## SSC Swing Check Valves plastomer-lined

### 1½" – 24"

SSC Swing Check Valves are ideally suited for safe non-return flow control of corrosive fluidic media to be handled in process piping systems.

#### Modular Design

Valves are available as wafer-style types, for horizontal or vertical installation between flanges according to ANSI 150lbs or DIN PN10/16.

The sturdy design bodies are made of cast steel 1.0619 (WCB), coating RAL 5005 signal-blue or stainless steel casting 1.4408 (CF-8M), with resistant linings such as PFA or PFA-AS (anti-static).



**SSC**

Body 1.0619 (WCB)/PFA

#### Main Features

- ANSI/DIN combined, optimized design
- 2- or 3-piece bodies made of cast steel WCB, RAL 5005 signal-blue epoxy-coating or compl. made of stainless steel CF-8M resp. SS316L
- Linings and encapsulations made of PFA or PFA-AS (conductive)
- Discs encapsulated or solid made of SS316L, Titanium Gr.2 or Hastelloy®C
- Easy installation into existing piping systems, for silent operation, maintenance-free
- Centering lugs
- Locked disc
- Face to face acc. to ASME B16.10

 **Conformity acc. to European Pressure Equipment Directive 97/23/EC (PED)**

## SSC Swing Check Valves plastomer-lined

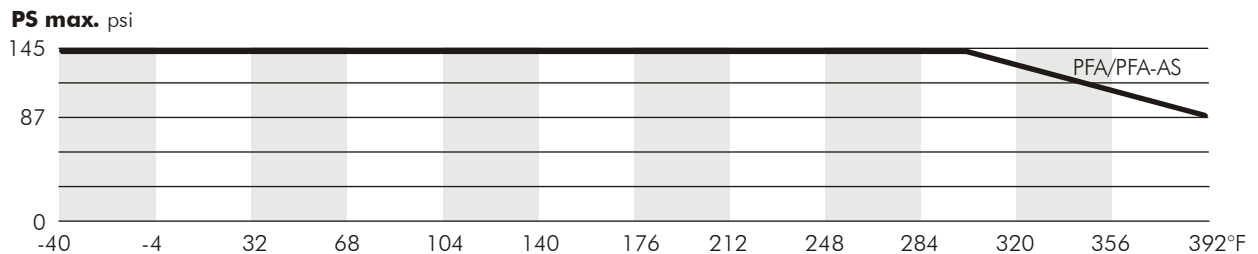
### Operating Conditions

- Temperature range from -40°F up to +400°F, depending on lining material
- Pressure range from 0.01 psia up to 145 psi, depending on size/pressure/temperature

### Testing / Marking

- Pressure- and tightness testing acc. to EN 12266-1, leakage rate A, resp. API 598.
- Marking of valves on body and name plate acc. to EN 19.
- Material- resp. test certificates acc. to EN 10204-3.1/2.2/2.1

### Pressure-/Temperature Diagram



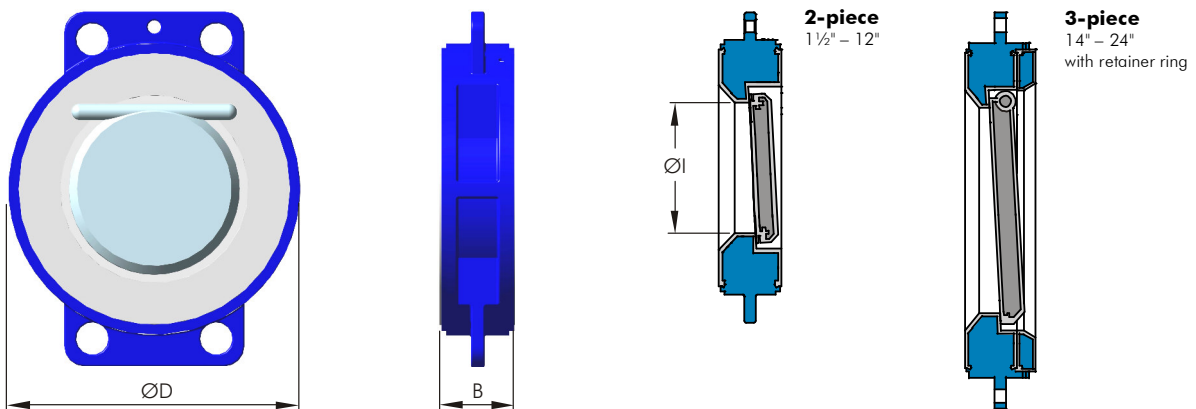
### Standard Materials of Components

**Body** Cast steel 1.0619 (WCB) epoxy-coated  
**Disc core** 1.4462 Duplex (CSt >DN300)  
**Lining/encaps.** PFA acc. to ASTM D3307  
**Retainer Ring**<sup>1)</sup> Cast steel 1.0619 (WCB) epoxy-coated

### Options

SS casting 1.4408 (CF-8M)  
 Solid discs SS316L, Tit. Gr.2, Tit. Gr.7, Hast. C  
 PFA-AS (conductive)  
 1) 350/14" – 600/24" only

### Technical Data



### Dimensions inch

Size nom.	1½"	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
<b>ØD</b>	3.23	3.98	5.24	6.30	8.54	10.55	12.80	14.76	17.20	19.17	21.14	23.31	27.32
<b>ØI</b>	0.87	1.18	2.01	2.68	4.37	6.10	8.07	10.04	11.02	11.81	13.78	15.75	19.61
<b>B</b>	1.30	1.69	1.81	2.06	2.20	2.37	2.68	3.09	3.62	4.00	4.50	5.00	6.06
<b>Weight</b> lbs	2.42	4.62	7.92	12.76	19.80	31.90	46.20	69.30	121.00	167.20	253.00	334.40	475.20

Face to face acc. to ASME B16.10 Table 8, appr. weights for 18" – 24"  
 other sizes or materials upon request

## SSC Swing Check Valves plastomer-lined

### Specification

#### Project-/Customer Data

Inquiry/Date: \_\_\_\_\_

Ref. SF \_\_\_\_\_

Company:	Contact Person:	Phone:
Address:	Function:	Fax:
ZIP/Place:	Department:	E-mail:
Project:	Phone direct:	Mobile:

### Operating Conditions

#### Media / Chemical Composition:

<input type="checkbox"/> liquid	<input type="checkbox"/> powdery	<input type="checkbox"/> crystallizing	<input type="checkbox"/> sticky	<input type="checkbox"/> Spec. Grav. _____
<input type="checkbox"/> gaseous	<input type="checkbox"/> Solids ____ %	<input type="checkbox"/> viscous	<input type="checkbox"/> Flow Velocity _____ ft/sec	
<input type="checkbox"/> abrasive	<input type="checkbox"/> Particle ____ mm	<input type="checkbox"/> Visc. _____ cp	<input type="checkbox"/> Flow Rate _____ usg/min	

#### Pressure

max. \_\_\_\_ bar

min. \_\_\_\_ bar

#### Temperature

max. \_\_\_\_ °C

min. \_\_\_\_ °C

#### Mode

 On/Off

 Flow Control

\_\_\_\_ cycles/ \_\_\_\_

#### Installation / Environment

 horizontal

 vertical

 \_\_\_\_\_

 Room dry

 Room humid

 outdoor

Remarks: \_\_\_\_\_

### SSC Product Code

#### Specification of a complete Swing Check Valve SSC Series

Product code	Nom. size	Flange conn.	Body	Lining body	Disc	Options
<b>SSC</b>	<b>6"</b>	<b>150#</b>	<b>G10</b>	<b>A85</b>	<b>U85</b>	
	1½" - 24" DN40 - 600	ANSI150# PN10/16 ANSI300# JIS 10K	G10 WCB G15 CF-8M	A85 PFA A86 PFA-AS	U85 PFA U86 PFA-AS S32 SS316L S40 Tit. Gr.2 S41 Tit. Gr.7 S43 Hast. C-276	RAL... special point

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