



SP 96  
Flanschanschluss nach DIN EN 1092



**Overflow valve / Bypass valve**  
**Flanges / Standard pressure**  
**Stainless steel**

Overflow valves of this series are diaphragm-controlled and spring-loaded.

**Media** .....

The overflow valves are suitable for use with aggressive water and other aggressive liquids, but can also be used for air and neutral gases.

DGRL 2014/68/EU **CE**

**Custom tariff number** .....

84814010



**Features** .....

- pressure-relieved single seated valve
- diaphragm-controlled
- continuously adjustable pressure setting
- max. inlet pressure up to 16 bar
- setting range: 0,5 - 10 bar
- internal parts exchangeable

**Temperatures** .....

Seals and wetted internal parts allow a max. temperature of up to 200 °C.



up to +200 °C

**Pressures** .....



max. 16 bar

**Seals and temperatures** .....

EPDM up to +140 °C  
FKM up to +200 °C

**Connections** .....



Flange connection  
acc. to DIN EN 1092 PN 40 (DN 65 - DN 100)

**Materials** .....

	body	spring bonnet	seals	wetted parts	max. temperature
standard version	stainless steel 1.4408	stainless steel 1.4408	FKM EPDM	stainless steel 1.4571	200 °C



**Technical data**

nominal size	65	80	100
PN		40	

max. inlet pressure [bar]

SP 96	40
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setting range [bar]

SP 96	0,5 - 1,0	1,0 - 1,6	1,6 - 2,5	2,5 - 4,0	4,0 - 6,3	6,3 - 10,0
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dimensions [mm]

	DN	65	80	100
	b	290	310	350
SP 96	D	185	200	220
	h1	155	190	200
	h	360	495	495

weight [kg]

SP 96	30,5	50	62
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kvs-value [m³/h]

SP 96	15	23	36
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**Pressures**

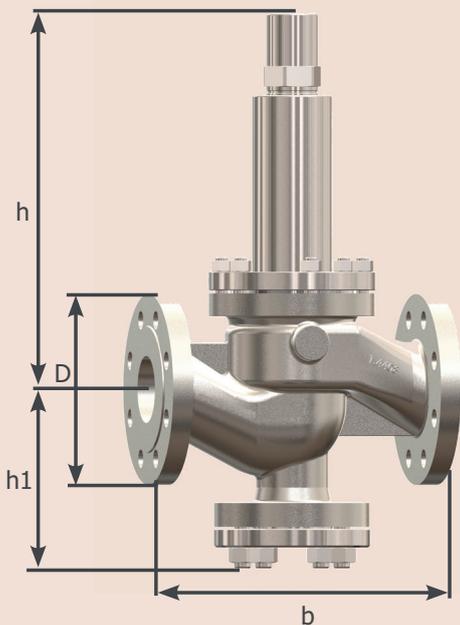
max. 40 bar



0,5 - 10 bar

**Connections**

Flange connection  
(DN 65 - DN 100)





**Article number** .....

nominal size	65	80	100
SP 96	019608	019609	019610

**Options** .....

C C - connections			E - elastomers	
56 -	Flansche DIN EN 1092 PN 40	Standard	2 -	EPDM
61-	ANSI B16.5 RF	class 150 lbs	3 -	FKM
M - material wetted parts			B - setting range	
3 -	V4A	Standard	A -	0,5 - 1,0 bar
			B -	1,0 - 1,6 bar
			C -	1,6 - 2,5 bar
			D -	2,5 - 4,0 bar
			E -	4,0 - 6,3 bar
			F -	6,3 - 10,0 bar

**Configuration example of an item number with additional options** .....

pressure setting: 5 bar                      connection: DN 80 DIN EN 1092 PN 40  
 seals: FKM                                      temperature: 30 °C

art.no. standard version						-	A	A	I	E	B
0	1	9	6	0	9	-	5	6	3	2	E