



SP 95  
Threaded connection acc. to ISO 228



SP 95  
Flange connection acc. to DIN EN 1092



**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.

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

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

DGRL 2014/68/EU **CE**

**Classification societies\*** .....

- DNV GL
- LR
- BV
- ABS
- CCS

**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
- Cartridge/ internal parts exchangeable
- double-ended G 1/4" manometer fitting
- assembly position: any desired, preferably vertical

**Pressures**



max. 16 bar

**Connections**



Female thread acc. to ISO 228  
from G 1/2" to G 2"



Flange connection  
acc. to DIN EN 1092 PN 40 (DN 15 - DN 50)

**Materials**



**Temperatures**

Seals and wetted internal parts allow a max. temperature of up to 190 °C.



from -30 °C to +190 °C

**Seals and temperatures**

EPDM -30 °C to +130 °C  
FKM -10 °C to +190 °C

	body	spring bonnet	diaphragm & seals	wetted parts	max. temperature
standard version	stainless steel 1.4408	stainless steel 1.4408	EPDM FKM	stainless steel 1.4404	130 °C 190 °C



**Technical data**

nominal size	15	20	25	32	40	50
G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"

**Type**  
**Pressures**

max. 16 bar



A

B

max. inlet pressure [bar]

SP 95	16	16
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setting range [bar]

SP 95	0,5 - 10	0,5 - 10
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**Connections**

Female thread  
from G 1/2" to G 2"



dimensions [mm] and weight [kg]

	G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	b	95	95	110	120	150	160
SP 95	h1	29	29	38	38	38	38
	h	117	117	117	117	216	216
	weight	1,4	1,3	2,1	2,0	5,54	5,4

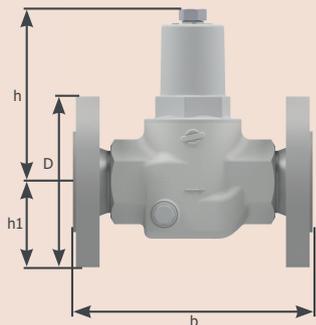
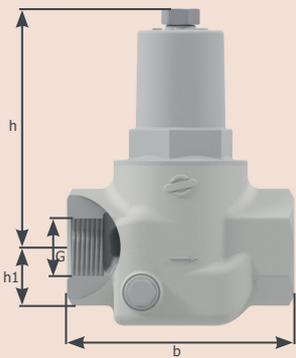
Flange connection  
from DN 15 to DN 50



	b	130	150	160	180	200	230
	D	95	105	115	140	150	165
SP 95	h1	48	53	58	70	75	83
	h	117	117	117	117	216	216
	weight	2,9	3,6	4,86	6,1	9,87	11,5

kvs-value [m³/h]

all types	4,7	6,2	7,2	7,9	13,5	13,8
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**Article number**

nominal size	15	20	25	32	40	50
G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"

SP 95 (female thread)	019002-10320	019003-10320	019004-10320	019005-10320	019006-10320	019007-10320
SP 95 (flanges)	019002-56320	019003-56320	019004-56320	019005-56320	019006-56320	019007-56320

(for an overview of options, see below)

**Manometer**

diameter	connection	body	pressure range	max. temp.	art.no.
50 mm	G 1/4", central back	steel	0 - 10 bar	60 °C	009002
63 mm	G 1/4", central back	stainless steel	0 - 10 bar	200 °C	009014

**Options**

**C C - connections**

- 10 - ISO 228
- 30 - NPT - ASME B1.20.1
- 56 - Flange DIN EN 1092 PN 40
- 61- ANSI B16.5 RF class 150 lbs

**M - material wetted parts**

- 3 - stainless steel 1.4404 standard

**E - elastomers**

- 2 - EPDM standard
- 3- FKM

**F - finishes**

- 0 - without additional finishes

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

connection: 2" NPT                      seals: EPDM                      temperature: 30 °C  
 without additional finishes

art.no. standard version						-	C	C	M	E	F
0	1	9	0	0	7	-	3	0	3	2	0