

PRESSURES

Inlet pressure	max. 16 bar
Set pressure range	0,5 - 10 bar

CONNECTIONS

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

Optionally with NPT-thread

Male thread acc. ISO 7 (R 1/2" to R 2")

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

Optionally all sizes with ANSI or JIS

SEALS AND TEMPERATURES

EPDM -30 °C to +130 °C

FKM -10 °C to +190 °C

FEATURES

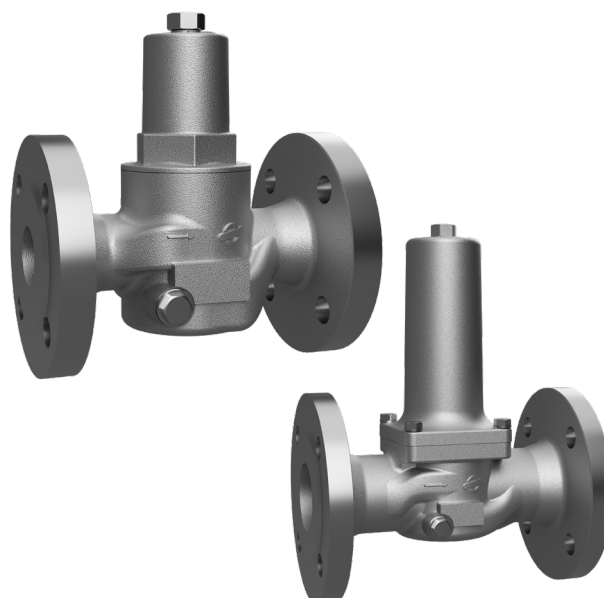
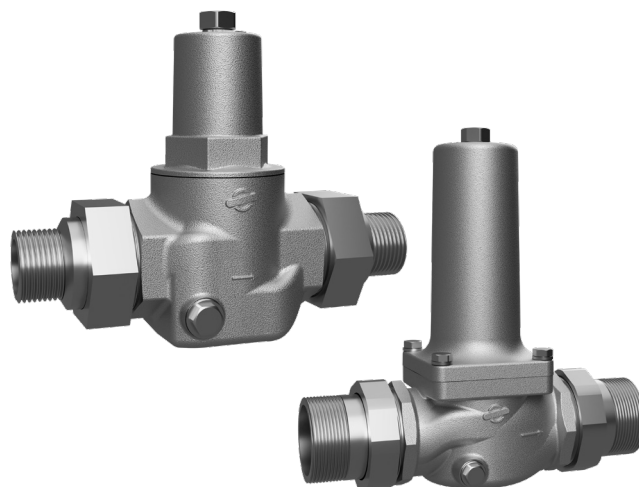
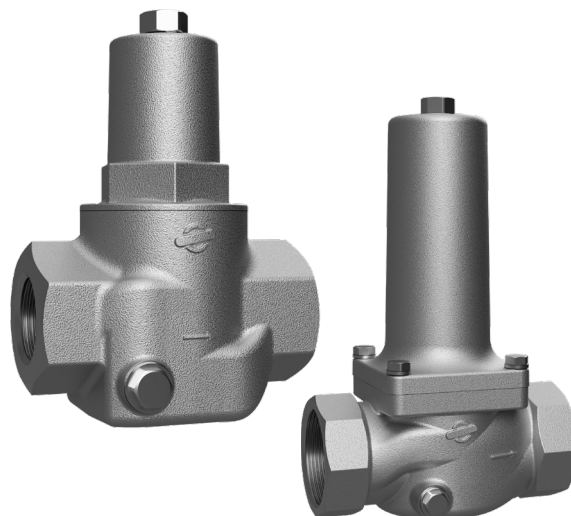
- diaphragm controlled
- continuously adjustable
- replacable inner parts / cartridge principle
- double-sided G 1/4" manometer fitting
- assembly position: any desired, preferably vertical

MEDIA

- aggressive water / other aggressive liquids
- air and neutral gases

CONFORMITY / CUSTOMS TARIFF NUMBER / CLASSIFICATION SOCIETIES

- DGRL 2014/68/EU
- Customs tariff number 848 140 10
- Certifiable by external classification societies
e.g.: DNV



Technical data

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

Type

A

B

max. inlet pressure [bar]

SP 95	16	16
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set pressure range [bar]

SP 95	0,5 - 10	0,5 - 10
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dimensions [mm]

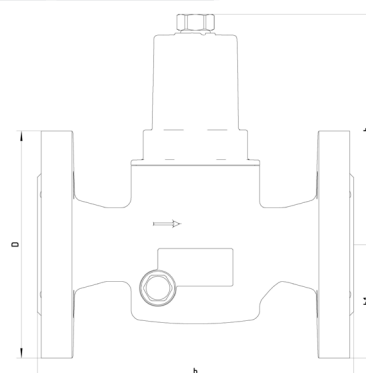
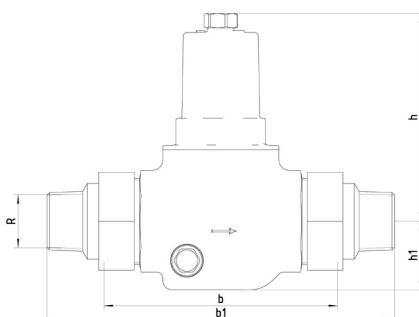
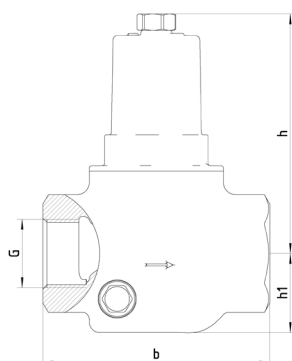
	G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
SP 95 - female	b	95	95	110	120	150	160
	h1	29	29	38	38	38	38
	h	117	117	117	117	216	216
weight [kg]		1,4	1,3	2,1	2,0	5,54	5,4

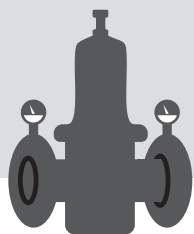
	R	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
SP 95 - male	b	105	105	122	122	160	160
	b1	168	168	195	195	250	250
	h1	29	29	38	38	39	39
	h	116	116	116	116	219	219
weight [kg]		1,4	1,35	2,13	2,07	5,55	5,4

	b	130	150	160	180	200	230
SP 95 - flange	D	95	105	115	140	150	165
	h1	48	53	58	70	75	83
	h	117	117	117	117	216	216
weight [kg]		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 numbers, options, materials and manometer

Article numbers

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

Standard version

SP 95 - female	019502-10320	019503-10320	19504-10320	019505-10320	019506-10320	019507-10320
SP 95 - male	019502-R0320	019503-R0320	019504-R0320	019505-R0320	019506-R0320	019507-R0320
SP 95 - flange	019502-56320	019503-56320	019504-56320	019505-56320	019506-56320	019507-56320

Options overview

CC - connections

10 -	ISO 228
R0 -	ISO 7
30 -	NPT - ASME B1.20.1
56 -	Flange DIN EN 1092 PN 40
61 -	ANSI B16.5 RF class 150lbs

E - elastomers

2 -	EPDM
3 -	FKM

F - finishes

0 -	without additional finishes
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M - material of wetted inner parts

3 -	stainless steel 1.4404
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Configuration example of an article number with additional options

art.no. standard version						-	C	C	M	E	F
0	1	9	5	0	7	-	3	0	3	2	0

Connection: 2" NPT
without additional finishes

seals: EPDM

temperature: 30 °C

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

Materials

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