

PRESSURES

Nominal pressure	PN 10 bar
Max. inlet pressure	1,5 bar
Set pressure range	7 - 500 mbar

CONNECTIONS

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

Optionally with NPT-thread

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

Optionally all sizes with ANSI or JIS

SEALS AND TEMPERATURES

EPDM/PTFE -30 °C to +120 °C / with FDA conformity

FKM/PTFE -10 °C to +180 °C

FEATURES

- diaphragm controlled
- continuously adjustable
- replaceable cartridge principle
- double-sided G 1/4" manometer fitting (for outlet pressure)
- assembly position: horizontal

MEDIA

- 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



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

Type

A

B

Nominal pressure PN 10
max. inlet pressure [bar]

SP 93	1,5	1,5
SP 94		

set pressure range [mbar]

SP 93	7 - 100	7 - 100
SP 94	50 - 500	50 - 500

dimensions [mm]

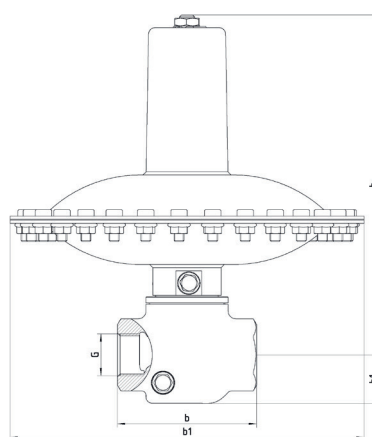
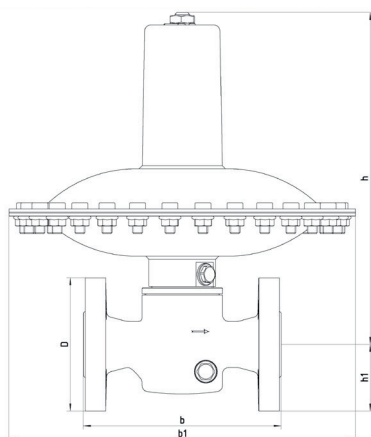
all types - female	b1	280	280	280	280	330	330
	b	95	95	110	120	150	160
	G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	h1	29	29	39	39	37	37
	h	261	261	267	267	388	388
	weight [kg]	7,1	7,1	8,0	8,0	14,8	14,6

dimensions [mm]

all types - flange	b1	280	280	280	280	330	330
	b	130	150	160	180	200	230
	D	95	105	115	140	150	165
	h1	48	53	58	70	75	83
	h	261	261	267	267	388	388
	weight [kg]	8,5	9,3	10,3	11,5	18,4	20,2

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 and materials

Article numbers

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

Standard version

SP 93 - female	019302-10330	019303-10330	019304-10330	019305-10330	019306-10330	019307-10330
SP 94 - female	019402-10330	019403-10330	019404-10330	019405-10330	019406-10330	019407-10330
SP 93 - flange	019302-56330	019303-56330	019304-56330	019305-56330	019306-56330	019307-56330
SP 94 - flange	019402-56330	019403-56330	019404-56330	019405-56330	019406-56330	019407-56330

Options overview

CC - connections		E - elastomers	
10 -	ISO 228	3 -	FKM/PTFE
30 -	NPT - ASME B1.20.1	8 -	EPDM/PTFE with FDA conformity
56 -	Flange - DIN EN 1092 PN 40		
61 -	ANSI B16.5 RF class 150lbs		
M - material of wetted inner parts		F - finishes	
3 -	stainless steel 1.4404	0 -	without additional finishes

Configuration example of an article number with additional options

art.no. standard version						-	C	C	M	E	F
0	1	9	3	0	4	-	3	0	3	3	0

set pressure: 30 mbar
seals: FKM

connection: 1" NPT
temperature: 30 °C

without additional finishes

Materials

	body	spring bonnet	seals	wetted inner parts	max. temperature
standard	stainless steel 1.4408	stainless steel 1.4408	EPDM/PTFE FKM/PTFE	stainless steel 1.4404	180 °C