

PRESSURES

Inlet pressure	max. 40 bar
Outlet pressure	1,5 - 10 bar

CONNECTIONS

Flange connection acc. DIN EN 1092
 ---- PN 40 (DN 15 - DN 50)
 ---- PN 25 (DN 65 - DN 80)
 ---- PN 16/25 (DN 100)
 Optionally all sizes with ANSI or JIS flanges

SEALS AND TEMPERATURES

NBR	-15 °C up to +100 °C
EPDM	-30 °C up to +130 °C / with FDA conformity
FKM	-10 °C up to +190 °C

FEATURES

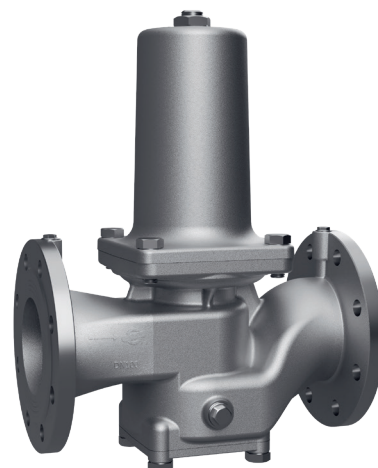
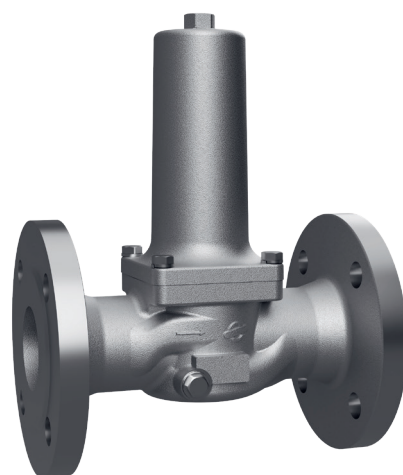
- pressure compensation
- diaphragm-controlled
- continuously adjustable outlet pressure
- with integrated strainer filter
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting (for outlet pressure)
- assembly position: any desired, preferably vertical
- min. pressure difference (inlet / outlet pressure): 1 bar

MEDIA

- aggressive water / other aggressive liquids
- air and neutral gases (at higher flow rates)

CONFORMITY / CUSTOMS TARIFF NUMBER / CLASSIFICATION SOCIETIES

- DGRL 2014/68/EU
- Customs tariff number 848 110 05 / 848 110 19
- Certifiable by external classification societies e.g. DNV



nominal size	15	20	25	32	40	50	65	80	100	100
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PN 16

PN 25

Type

A

B

C

max. inlet pressure [bar]

DRV 802	40	40	25	16	25
DRV 808	40	40	25	16	25

outlet pressure[bar]

DRV 802	1,5 - 6	1,5 - 6	1,5 - 6
DRV 808	1,5 - 10	1,5 - 10	3,0 - 10

dimensions [mm]

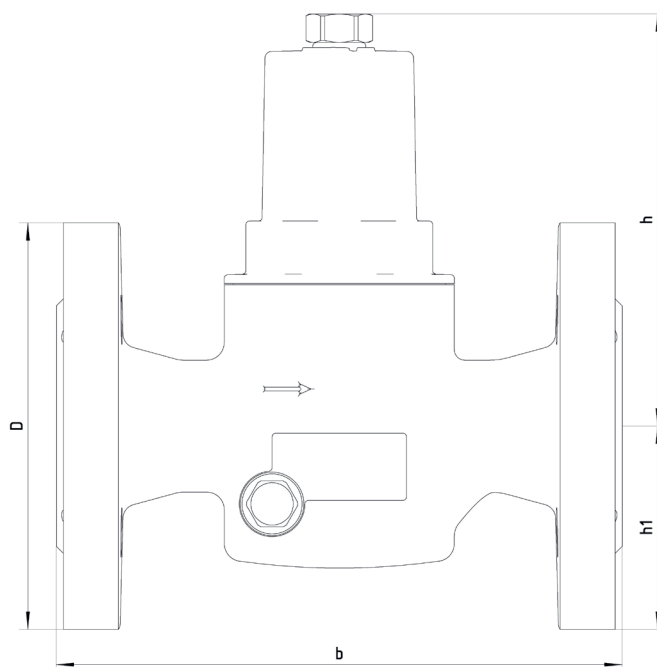
all types	b	130	150	160	180	200	230	290	310	350	350
	D	95	105	115	140	150	165	185	200	220	235
	h1	48	53	58	70	75	83	127	127	127	127
	h	116	116	116	116	219	219	347	347	347	347

weight [kg]

DRV 802	2,9	3,6	4,8	6,2	9,7	11,5	32,0	35,1	36,1	39,2
DRV 808	2,9	3,6	4,9	6,2	9,8	11,6	32,0	34,9	35,9	39,0

kvs-value [m³/h]

all types	2,9	3,9	5,4	6,1	9	13	48	60	70	70
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Article numbers and options / manometer and materials

Article numbers

nominal size	15	20	25	32	40	50	65	80	100 PN 16	100 PN 25
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Standard version

DRV 802	080202	080203	080204	080205	080206	080207	080208- 55080	080209- 55080	080210- 54080	080210- 55080
DRV 808	080802	080803	080804	080805	080806	080807	080808- 55080	080809- 55080	080810- 54080	080810- 55080

Options overview

C C - Connections			E - elastomers		
00 -	DIN EN 1092 PN 40	standard up to DN 50	0 -	FKM	standard
55 -	DIN EN 1092 PN 25	standard DN 65 - DN 80	1 -	NBR	
54 -	DIN EN 1092 PN 16		8 -	EPDM	with FDA conformity
61 -	ANSI B16.5 RF	class 150 lbs			
75 -	JIS B2220 16K				

M - material wetted parts

0 -	Edelstahl 1.4404	standard
9 -	Edelstahl 1.4404 (including internal parts of the spring cover)	

F - finishes

0 -	without additional finishes
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Configuration example of an article number with additional options

art.no. standard version						-	C	C	M	E	F
0	8	0	8	0	7	-	6	1	0	8	0

inlet pressure: 10 bar
seals: EPDM

outlet pressure: 4 bar
temperature: 30 °C

connection: DN 50 ANSI B16.5 RF
without additional finishes

Manometer

diameter	connection	body	pressure range	max. temp.	art.no.
63 mm	G 1/4", central back	stainless steel	0 - 10 bar	200 °C	009014
63 mm	G 1/4", radial bottom	stainless steel	0 - 10 bar	200 °C	009018
63 mm	G 1/4", central back	stainless steel	0 - 25 bar	200 °C	009017
63 mm	G 1/4", radial bottom	stainless steel	0 - 25 bar	200 °C	009019

Materials

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

Flow diagram

