

PRESSURES

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

CONNECTIONS

Female thread acc. ISO 228 (G 1/2" up to G 2")
Optionallly with NPT-thread

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

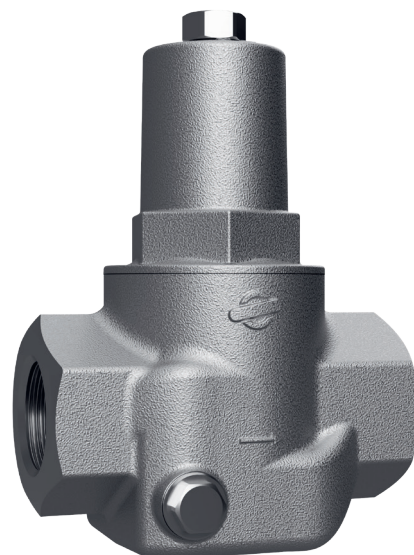
- primary pressure compensation
- diaphragm-controlled
- continuously adjustable outlet pressure
- with integrated strainer filter
- replaceable inner parts/cartridge
- double-ended G 1/4" manometer fitting
(for outlet pressure)
- assembly position: any desired, preferably vertical
- min. pressure difference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

MEDIA

- aggressive water / other aggressive liquids
- air and neutral gases (with larger flow rates)

CONFORMITY / CUSTOMS TARIFF NUMBER / CLASSIFICATION SOCIETIES

- DGRL 2014/68/EU
- Customs tariff number 848 110 05
- 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

max. inlet pressure [bar]

DRV 702	40	40
DRV 708	40	40

max. outlet pressure [bar]

DRV 702	1,5 - 6	1,5 - 6
DRV 708	1,5 - 10	1,5 - 10

dimensions [mm]

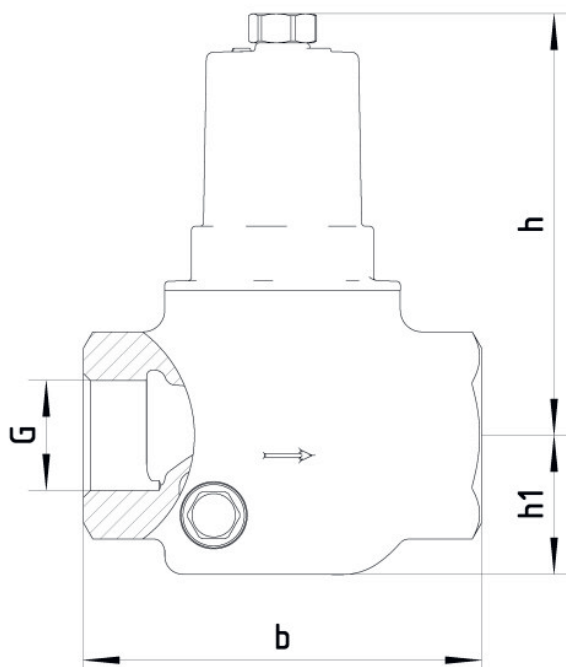
all types	G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	b	95	95	110	120	150	160
	h1	29	29	38	38	38	38
	h	116	116	116	116	219	219

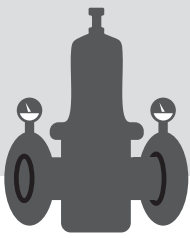
weight [kg]

DRV 702	1,4	1,3	2,1	2,0	5,3	5,1
DRV 708	1,4	1,3	2,1	2,0	5,4	5,3

kvs-value [m³/h]

all types	2,9	3,9	5,4	6,1	9	13
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Article numbers and options

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

DRV 702	070202	070203	070204	070205	070206	070207
DRV 708	070802	070803	070804	070805	070806	070807

Options overview

CC - connections

00 -	ISO 228	standard
30 -	NPT - ASME B1.20.1	

M - material of wetted inner parts

0 -	stainless steel 1.4404
9 -	stainless steel 1.4404 (including internal parts of the spring cover)

E - elastomers

0 -	FKM	standard
1 -	NBR	
8 -	EPDM	with FDA conformity

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	7	0	8	0	7	-	3	0	0	8	0

inlet pressure: 10 bar
seals: EPDM

outlet pressure: 7 bar
temperature: 30 °C

connection: 2" NPT
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	190 °C	009014

Materials

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

Flow diagram

