

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 drinking water conformity
FKM	-10 °C up to +190 °C

FEATURES

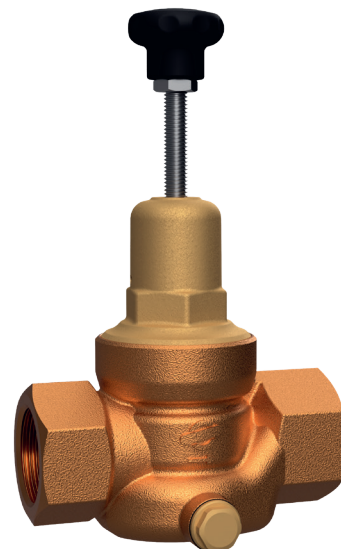
- pressure compensation
- diaphragm-controlled
- continuously adjustable outlet pressure
- with integrated strainer filter
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting
(for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure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

MEDIA

- water and neutral, non-sticky 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
- 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 302 (-6)	40	25 (16)
DRV 308	40	25

outlet pressure [bar]

DRV 302	1,5 - 6	1,5 - 6
DRV 308	1,5 - 10	1,5 - 10

dimensions [mm]

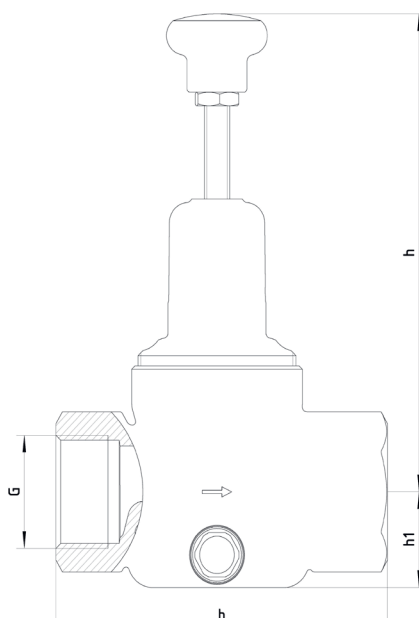
	G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
all types	b	85	95	105	120	150	160
	h1	27	27	29	47	52	52
DRV 302	h	141	140	109	106	241	243
DRV 308	h	134	135	134	131	319	320

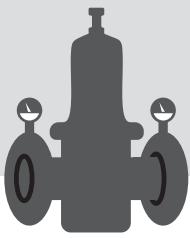
weight [kg]

DRV 302	0,8	0,8	1,1	1,5	4,5	4,9
DRV 308	0,8	0,8	1,1	1,5	5,0	5,5

kvs-value [m³/h]

all types	2,9	3,9	5,4	6,1	9	13
-----------	-----	-----	-----	-----	---	----





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 302	030202	030203	030204	030205	030206	030207
DRV 308	030802	030803	030804	030805	030806	030807

Special version for drinking water

DRV 302-6	--	--	--	--	003206	003207
-----------	----	----	----	----	--------	--------

Options overview

CC - connections

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

M - material of wetted inner parts

0 -	brass / POM	standard up to DN 32
0 -	brass	standard from DN 40
1 -	brass	DN 15 to DN 32
2 -	red bronze / VA	
5 -	red bronze / POM	DN 15 to DN 32

E - elastomers

0 -	NBR	standard
2 -	EPDM	
3 -	FKM	
7 -	EPDM with drinking water conformity	

F - finishes (upon request)

0 -	without additional finishes
1 -	Internally and externally nickel-plated
3 -	Internally and externally chrome-plated
5 -	Internally and externally electroless nickel-plated

Configuration example of an article number with additional options

art.no. standard version						-	C	C	M	E	F
0	3	0	2	0	7	-	3	0	0	8	0

inlet pressure: 10 bar
seals: EPDM

outlet pressure: 4 bar
temperature: 30 °C

connection: 2" NPT
without additional finishes

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	red bronze CC499K	up to DN 32 brass from DN 40 cast iron	NBR optionally EPDM, FKM	up to DN 32 Hostaform C & brass from DN 40 brass	100 °C

Flow diagram

