

PRESSURES

Inlet pressure	max. 40 bar
Outlet pressure	0,5 - 9 bar

CONNECTIONS

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

SEALS AND TEMPERATURES

NBR	-15 °C up to +100 °C
EPDM	-30 °C up to +130 °C
FKM	-10 °C up to +190 °C

FEATURES

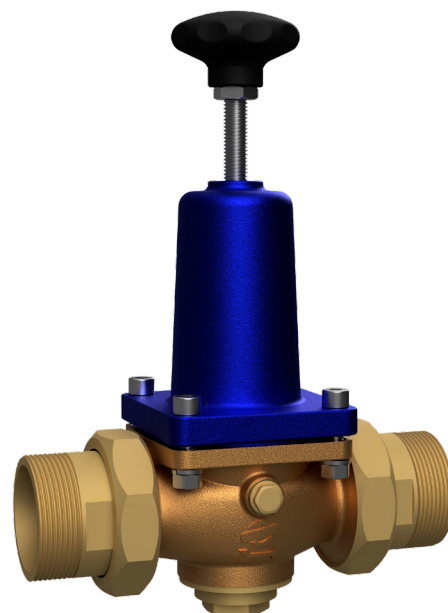
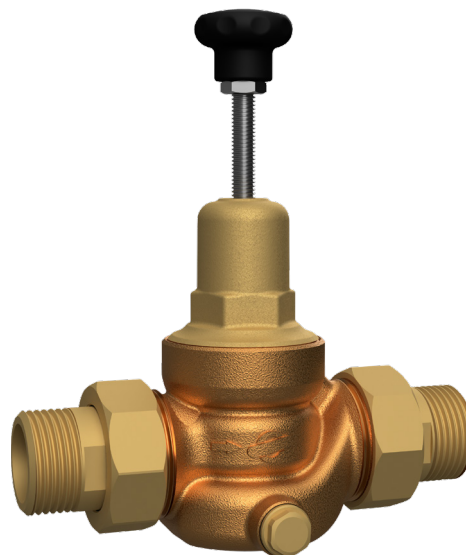
- inlet pressure compensation
- diaphragm-controlled
- continuously adjustable outlet pressure
- with integrated strainer filter
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting (for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum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



Nominal size	15	20	25	32	40	50	65
R	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"

Type

A

B

max. inlet pressure [bar]

DRV 472	40	25
DRV 478	40	25

outlet pressure [bar]

DRV 472	0,5 - 4	0,5 - 4
DRV 478	0,5 - 9	0,5 - 9

dimensions [mm]

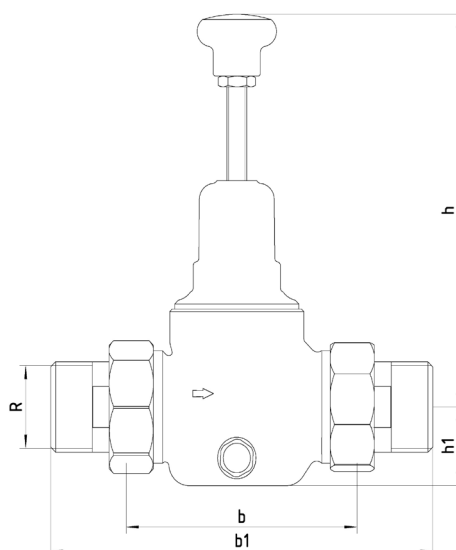
	R	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	4 1/2"
all types	b	78	78	90	100	125	126	150
	b1	134	141	161	177	210	210	273
	h1	27	28	29	47	51	53	68
	h	139	134	135	171	242	241	256
DRV 472								
DRV 478		135	137	135	172	319	320	331

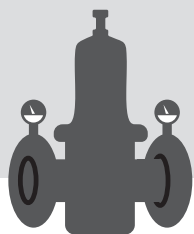
weight [kg]

DRV 472	0,9	1,0	1,5	2,1	4,6	5,2	7,5
DRV 478	0,9	1,0	1,5	2,1	5,2	5,7	8,1

kvs-value [m³/h]

all types	2,9	3,9	5,4	6,1	9	13	17
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Article numbers and options

Article numbers

Nominal size	15	20	25	32	40	50	65
R	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"

Standard version

DRV 472	047202	047203	047204	047205	047206	047207	047208
DRV 478	047802	047803	047804	047805	047806	047807	047808

Special version

high temperature - HT	art.no. standard + -00130	art.no. standard + -00030	--
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Options overview

CC - connections

00 - ISO 7 standard

M - material of wetted inner parts

0 - brass
2 - red bronze

E - elastomers

0 - NBR standard
2 - EPDM
3 - FKM

F - finishes (upon request)

0 - without additional finishes

Configuration example of an article number with additional options

art.no. standard version						-	C	C	M	E	F
0	4	7	8	0	7	-	0	0	0	2	0

inlet pressure: 10 bar
seals: EPDM

outlet pressure: 7 bar
temperature: 30 °C

connection: 2"
without additional finishes

Manometer, materials and flow diagram

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	190 °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

Special version

high temperature -HT	red bronze CC499K	up to DN 32 brass from DN 40 cast iron	FKM	brass	190 °C
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Flow diagram

