

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")
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

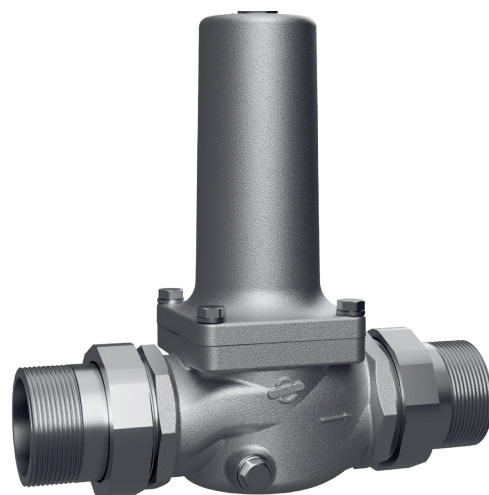
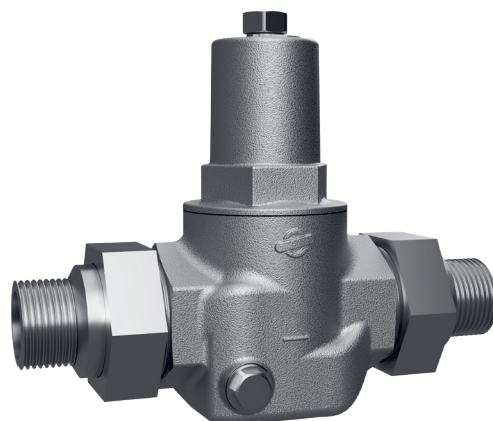
- pressure compensation
- diaphragm-controlled
- continuously adjustable outlet pressure
- with integrated strainer filter
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting
(for outlet pressure)
- assembly position: any desired, preferably vertical
- min. pressure 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
- 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 772-R	40	40
DRV 778-R	40	40

outlet pressure [bar]

DRV 772-R	0,5 - 4	0,5 - 4
DRV 778-R	0,5 - 9	0,5 - 9

dimensions [mm]

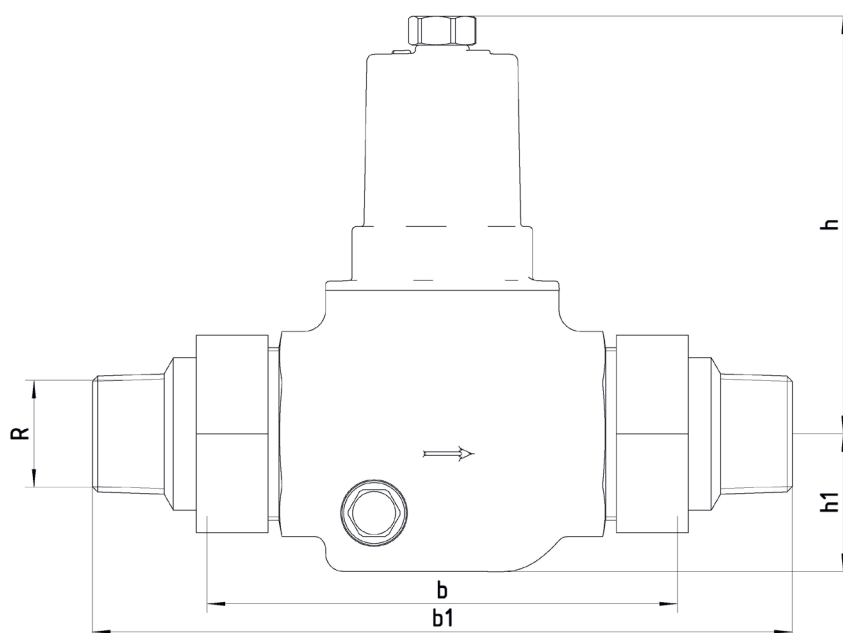
	G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	b	105	105	122	122	156	160
all types	b1	168	168	195	195	250	250
	h1	29	29	38	38	39	39
	h	116	116	116	116	219	219

weight [kg]

DRV 772-R	1,6	1,7	2,8	2,8	6,5	6,4
DRV 778-R	1,6	1,6	2,8	2,9	6,6	6,6

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 772-R	077202-R0XXX	077203-R0XXX	077204-R0XXX	077205-R0XXX	077206-R0XXX	077207-R0XXX
DRV 778-R	077802-R0XXX	077803-R0XXX	077804-R0XXX	077805-R0XXX	077806-R0XXX	077807-R0XXX

Options overview

CC - connections

R0 - ISO 7 standard

M - material of wetted inner parts

3 - stainless steel 1.4404
9 - stainless steel 1.4404 (including internal parts of the spring bonnet)

E - elastomers

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

F - finishes

0 - without additional finishes

Configuration example of an article number with additional options

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

inlet pressure: 10 bar
seals: EPDM

outlet pressure: 5 bar
temperature: 30 °C

connection: 2" ISO 7
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	stainless steel 1.4408	stainless steel 1.4408	EPDM, FKM, NBR	stainless steel 1.4404
				190 °C

Flow diagram

