

PRESSURES

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

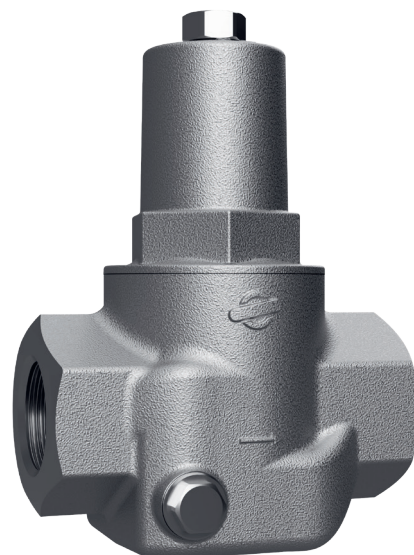
- pressure compensation
- diaphragm-controlled
- continuously adjustable outlet pressure
- with integrated strainer filter
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting
(for outlet pressure)
- assembly position: any desired, preferably vertical
- min. pressure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

outlet pressure [bar]

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

dimensions [mm]

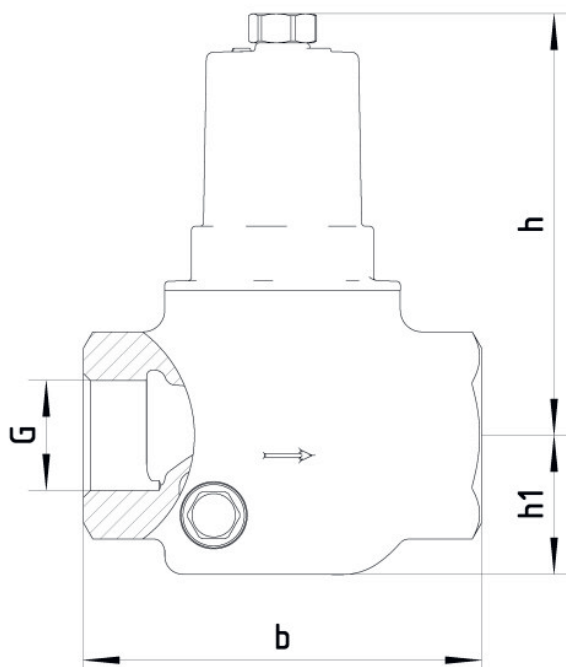
	G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
b		95	95	110	120	150	160
h1		29	29	38	38	38	38
h		116	116	116	116	219	219

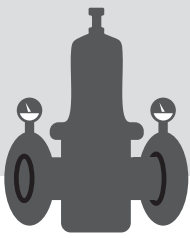
weight [kg]

DRV 772	1,4	1,3	2,1	2,0	5,3	5,1
DRV 778	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 772	077202	077203	077204	077205	077206	077207
DRV 778	077802	077803	077804	077805	077806	077807

Options overview

CC - connections			E - elastomers		
00 -	ISO 228	standard	0 -	FKM	standard
30 -	NPT - ASME B1.20.1		1 -	NBR	
			8 -	EPDM	with FDA conformity
M - material of wetted inner parts			F - finishes		
0 -	stainless steel 1.4404		0 -	without additional finishes	
9 -	stainless steel 1.4404 (including internal parts of the spring bonnet)				

Configuration example of an article number with additional options

art.no. standard version						-	C	C	M	E	F
0	7	7	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.
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	stainless steel 1.4408	stainless steel 1.4408	EPDM, FKM, NBR	stainless steel 1.4404	190 °C

Flow diagram

