

PRESSURES

Inlet pressure	max. 16 bar
Outlet pressure	0,5 - 6 bar

CONNECTIONS

Female thread acc. ISO 228 (G 1/2" up to G 1 1/4")
Optionallly with NPT-thread

SEALS AND TEMPERATURES

EPDM -30 °C up to +75 °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
G	1/2"	3/4"	1"	1 1/4"

Type A

max. inlet pressure [bar]

DRV 703	16
DRV 773	

outlet pressure [bar]

DRV 703	1,5 - 6
DRV 773	0,5 - 4

dimensions [mm]

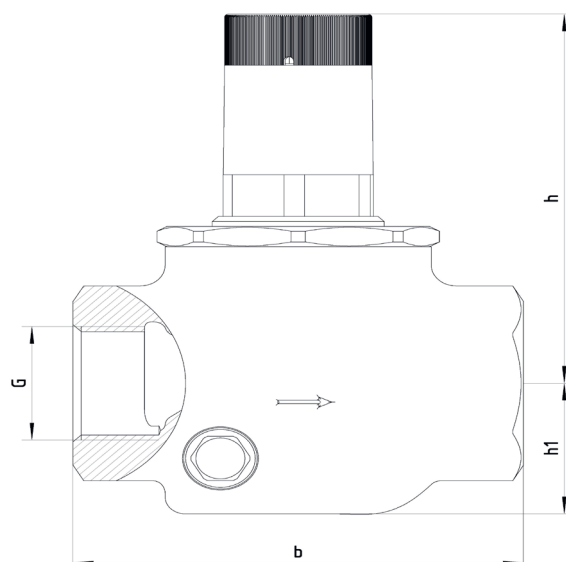
all types	G	1/2"	3/4"	1"	1 1/4"
	b	95	95	110	120
	h1	29	29	39	39
	h	109	109	109	109

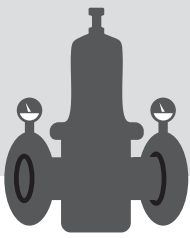
weight [kg]

all types	1,0	0,9	1,7	1,6
-----------	-----	-----	-----	-----

kvs-value [m³/h]

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





Article numbers and options

Article numbers

Nominal size	15	20	25	32
G	1/2"	3/4"	1"	1 1/4"

Standard version

DRV 703	070302	070303	070304	070305
DRV 773	077302	077303	077304	077305

Options overview

CC - connections			E - elastomers		
00 -	ISO 228	standard	0 -	EPDM	with ELL & W270 approval
30 -	NPT - ASME B1.20.1				
M - material of wetted inner parts			F - finishes		
0 -	plastic / stainless steel 1.4404		0 -	without additional finishes	

Configuration example of an article number with additional options

art.no. standard version						-	C	C	M	E	F
0	7	0	3	0	4	-	3	0	0	0	0

inlet pressure: 10 bar
seals: EPDM

outlet pressure: 4 bar
temperature: 30 °C

connection: 1" 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	130 °C	009014

Materials

	body	spring bonnet	seals	wetted inner parts	max. temperature
standard	stainless steel 1.4408	plastic	EPDM, FKM, NBR	plastics / stainless steel 1.4404	75 °C

Flow diagram

