

PRESSURES

Inlet pressure	max. 25 bar
Outlet pressure	0,8 - 8 bar

CONNECTIONS

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

SEALS AND TEMPERATURES

NBR -15 °C up to +100 °C

FEATURES

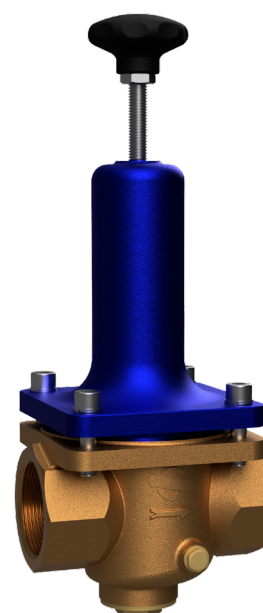
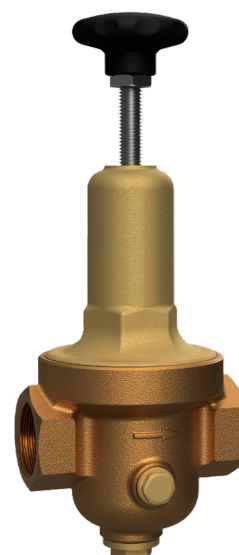
- non-pressure-relieved single seated valve
- diaphragm-controlled
- continuously adjustable outlet pressure
- highest reduction ratio 10:1
- replaceable inner parts principle
- double-sided G 1/4" manometer fitting (for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure difference (inlet - outlet pressure): 1 bar

MEDIA

- compressed air and neutral gases
- water and neutral liquids (at smaller flow rates)

CONFORMITY / CUSTOMS TARIFF NUMBER / CLASSIFICATION SOCIETIES

- DGRL 2014/68/EU
- Customs tariff number 848 110 99
- Certifiable by external classification societies e.g. DNV



Nominal size	8	10	20	25	32	32	40	50
G	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"

Type

A

B

max. inlet pressure [bar]

DRV 200	25	25
DRV 200 G	25	25

outlet pressure [bar]

DRV 200	1,5 - 8	1,5 - 8
DRV 200 G	0,8 - 8	0,8 - 8

dimensions [mm]

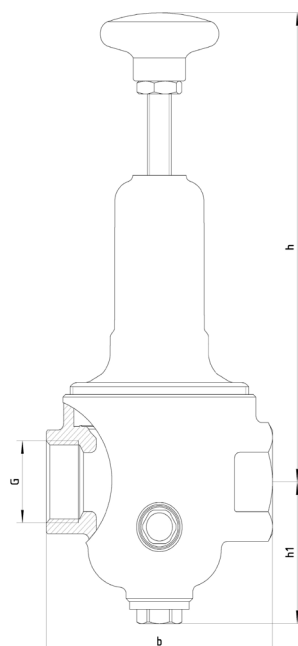
	G	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
b	70	70	85	85	95	104	108	147	
h1	47	47	47	47	56	61	61	71	
h	118	122	143	143	186	263	262	306	

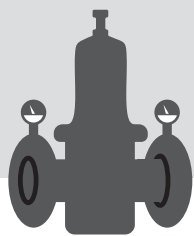
weight [kg]

DRV 200	0,8	0,8	1,1	1,1	1,7	4,1	4,2	7,2
DRV 200 G	0,8	0,8	1,1	1,1	1,7	4,1	4,2	7,2

kvs-value [m³/h]

all types	0,5	0,6	1,2	1,3	1,6	4,2	4,5	7,2
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Article numbers and options

Article numbers

Nominal size	8	10	15	20	25	32	40	50
G	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"

Standard version

DRV 200	002000	002001	002002	002003	002004	002005	002006	002007
DRV 200 G	002100	002101	002102	002103	002104	002105	002106	002107

Options overview

CC - connections

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

E - elastomers

0 -	CR / NBR	standard
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M - material of wetted inner parts

0 -	brass	standard
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F - finishes (upon request)

0 -	without additional finishes
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Configuration example of an article number with additional options

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

inlet pressure: 10 bar
seals: CR / NBR

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	diaphragm	seals	wetted inner parts	max. temperature
standard	red bronze CC499K	up to DN 25 brass from DN 32 cast iron	CR	NBR	brass	100 °C

Flow diagram

