

PRESSURES

Inlet pressure	max. 25 bar
Outlet pressure	0,2 - 2 bar

CONNECTIONS

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

SEALS AND TEMPERATURES

NBR -15 °C up to +100 °C

FEATURES

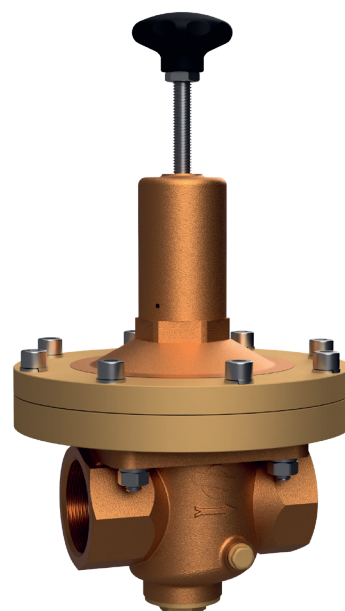
- non-pressure-relieved single seated valve
- diaphragm-controlled
- continuously adjustable outlet pressure
- highest reduction ratio 20:1
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting
(for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure difference (inlet - outlet pressure):
1 bar

MEDIA

- 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	15	20	25	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 250	25	25
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outlet pressure [bar]

DRV 250	0,2 - 2	0,2 - 2
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dimensions [mm]

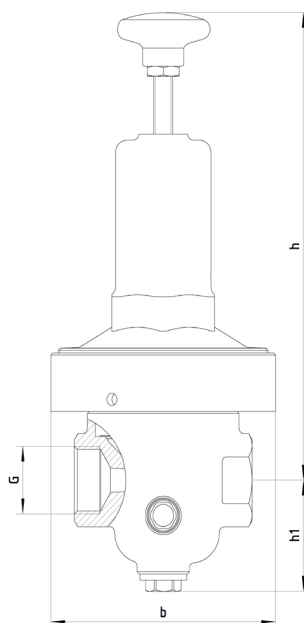
all types	G	1/2"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	b	70	70	85	85	95	104	108	147
	h1	47	47	47	47	56	61	61	72
	h	140	140	206	206	234	268	268	308
	h2	140	140	206	206	234	268	268	308

weight [kg]

DRV 250	1,0	1,0	2,5	2,5	4,2	7,7	7,7	14,2
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kvs-value [m³/h]

DRV 250	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 250	002500	002501	002502	002503	002504	002505	002506	002507
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Options overview

CC - connections			E - elastomers		
00 -	ISO 228	standard	0 -	CR / NBR	standard
30 -	NPT - ASME B1.20.1				
M - material of wetted inner parts			F - finishes (upon request)		
0 -	brass	standard	0 -	without additional finishes	

Configuration example of an article number with additional options

art.no. standard version						-	C	C	M	E	F
0	0	2	5	0	7	-	3	0	0	0	0

inlet pressure: 6 bar
seals: EPDM

outlet pressure: 0,8 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	red bronze CC499K	up to DN 25 CR from DN 32 NBR	NBR	brass	100 °C

Flow diagram

