



DRV 200 • DRV 200 G
Type A (DN 8 - DN 25)



DRV 200 • DRV 200 G
Type B (DN 32 - DN 50)



Media

The pressure reducers are suitable for use with compressed air and neutral gases, but can also be used for water and neutral liquids when smaller flow rates are required.

Pressure reducing valve Female thread • Standard pressure Red bronze

Pressure reducing valves of the series are diaphragm-controlled, spring-loaded pressure reducing valves. The series has a high setting accuracy and good response behaviour due to the low friction of the few moving internal parts.

DGRL 2014/68/EU **CE**

Classification societies

- DNV GL
- LR
- BV
- ABS
- CCS

Customs tariff number

84811099



Features

- non-pressure-relieved single seated valve
- diaphragm-controlled
- continuously adjustable outlet pressure
- max. inlet pressure up to 25 bar
- outlet pressure: 0,8 - 8 bar
- highest reduction ratio 10:1
- female thread acc. ISO 228, optionally with NPT-thread
- double-ended G 1/4" manometer fitting (for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure difference (inlet/outlet pressure): 1 bar

Pressures



max. 25 bar



0,8 - 8 bar

Connections



Female thread
acc. ISO 228
from G 1/4" to G 2"

Materials

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



Temperatures

The seals and membranes used allow temperatures up to max. 100°C.



from -15 °C up to +100 °C

Seals and temperatures

NBR -15°C to +100°C



Technical data

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

Pressures

max. inlet pressure [bar]

max. 25 bar



DRV 200

25

25

DRV 200 G

25

25

outlet pressure [bar]

0,8 - 8 bar



DRV 200

1,5 - 8

1,5 - 8

DRV 200 G

0,8 - 8

0,8 - 8

Connections

Female thread
from G 1/4" up to G 2"



dimensions [mm]

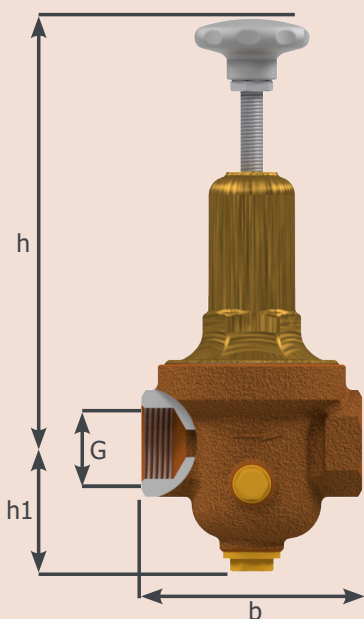
all types	G	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	b	70	70	85	85	95	104	108	147
	h1	47	47	47	47	56	61	61	71
	h	118	122	143	143	186	263	262	306
	h2	118	122	143	143	186	263	262	306

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 number

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

Standard article numbers are 6 digits, article numbers for additional options are 11 digits. (See next page for an overview of options)

Manometer

diameter	connection	body	pressure range	max. temp.	art.no.
50 mm	G 1/4", central back	steel	0 - 4 bar	60°C	009001
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



Options

CC - connection

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

M - materials wetted parts

0 -	brass	Standard
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E - elastomers

0 -	CR/ NBR	standard
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F - finishes

0 -	without additional finishes
1 -	inside + outside nickel plated
3 -	inside + outside chrome-plated
5 -	inside + outside chemically nickel-plated

Configuration example of an article number with additional options

inlet pressure: 10 bar
seals: CR/ NBR

outlet pressure: 4 bar
temperature: 30 °C

connection: 2" NPT
without additional finishes

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

Flow diagram

