



DRV 230 • DRV 230 G
Type A (DN 8 - DN 25)



DRV 230 • DRV 230 G
Type B (DN 32 - DN 50)



Pressure reducing valve Flange • 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.

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.

DGRL 2014/68/EU



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
- flanges acc. DN EN 10920 PN 40, optionally ANSI/JIS
- 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



Flange connection
acc. to DIN EN 10920 PN 40
from DN 8 up to DN 50

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
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Type

A

B

Pressures

inlet pressure [bar]

max. 25 bar



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25
25

25
25

outlet pressure [bar]

0,8 - 8 bar



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1,5 - 8
0,8 - 8

1,5 - 8
0,8 - 8

Connections

Flange connection
from DN 8 up to DN 50



dimensions [mm]

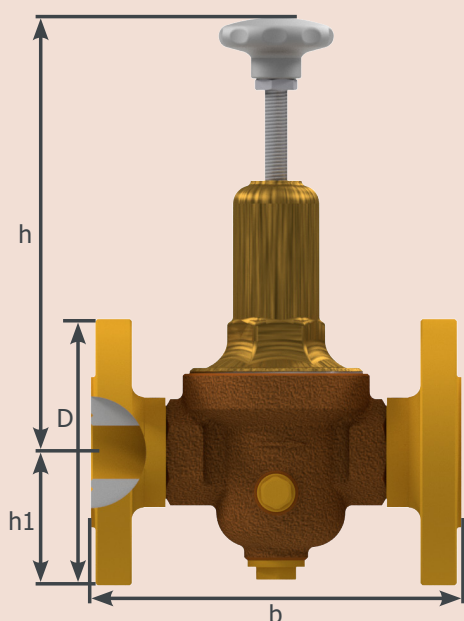
all types	D	80	90	95	105	115	140	150	165
	b	130	130	130	150	160	180	200	230
	h1	48	48	48	53	58	70	75	83
	h	118	122	143	143	186	263	262	305

weight [kg]

DRV 230	1,9	1,9	2,8	3,7	4,9	8,6	9,5	14,3
DRV 230 G	1,9	1,9	2,8	3,7	4,9	8,6	9,5	14,9

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
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Standardausführung

DRV 230	023020	023021	023022	023023	023024	023025	023026	023027
DRV 230 G	023120	023121	023122	023123	023124	023125	023126	023127

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 -	DIN EN 10920 PN 40	standard
61 -	ANSI B 16.5 RF	

M - material 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: ANSI B 16.5 RF
without additional finishes

art.no. standard version						-	C	C	M	E	F
0	2	3	0	2	7	-	6	1	0	0	0

Flow diagram

