



DRV 225 • DRV 226
Type A (DN 8 - DN 25)



DRV 225 • DRV 226
Type B (DN 32 - DN 50)



Pressure reducing valve Female thread • High pressure Red bronze

Pressure reducing valves of the series are piston-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 **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 60 bar
- outlet pressure: 1,5 - 45 bar
- highest reduction ratio 6:1
- 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. 60 bar



1,5 - 45 bar

Connections



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



Temperatures

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



from -15 °C up to +190 °C

Seals and temperatures

NBR -15°C to +100°C

Materials



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

Pressures

max. 60 bar



max. inlet pressure [bar]

DRV 225

40

40

DRV 226

60

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outlet pressure [bar]

1,5 - 45 bar



DRV 225

1,5 - 20

1,5 - 20

DRV 226

20 - 45

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Connections

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



dimensions [mm]

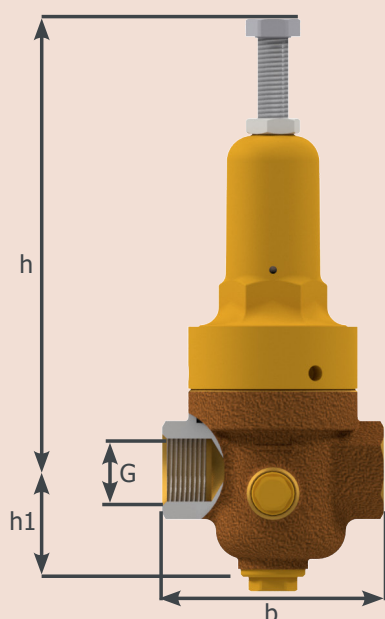
all types	G	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	b	70	70	85	85	95	104	108	147
	h1	47	47	47	47	56	61	61	71
	h	147	147	181	181	196	302	301	329

weight [kg]

DRV 225	1,2	1,2	1,7	1,7	2,7	6,1	6,2	9,9
DRV 226	1,6	1,5	1,9	1,9	--	--	--	--

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
G	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"

standard version

DRV 225	002200	002201	002202	002203	002204	002205	002206	002207
DRV 226	022600	022601	022602	022603	--	--	--	--

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 - material wetted parts

0 -	Messing	Standard
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E - elastomers

0 -	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: 30 bar
seals: NBR

outlet pressure: 7 bar
temperature: 30 °C

connection: 2" NPT
without additional finishes

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

Flow diagram

