



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



DRV 225 • DRV 226
 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 • 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.

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 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"

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

Special versions:



high temperature (-HT)*	red bronze CC499K	up to DN 25 brass from DN 32 cast iron	FPM	brass	190 °C*
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*only DN 15 to DN 50



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
 FPM* -10°C to +190°C

* only DN 15 to DN 50

Special version for high temperature(-HT)

Often the temperature resistance of standard pressure reducers is not sufficient for your application. For such applications, various variants of the -HT series are available. This high temperature series is equipped with FPM seals. Thus, a maximum temperature resistance of 190°C is achieved with FPM seals in combination with metallic internal parts.

Please note that these pressure reducers are not suitable for use with steam.



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. 60 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

dimensions [mm]

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



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