



DRV 403-6
Type A (DN 15 - DN 32)



DRV 402-6
Type B (DN 40 - DN 65)

Pressure reducing valve Male thread • Drinking water Red bronze

Pressure reducing valves of the series are diaphragm-controlled, spring-loaded pressure reducing valves and have inlet pressure compensation.

To ensure simple and quick replacement of the pressure reducers the DRV 403-6 is available in 2 different versions, each with its own overall lengths. A Berluto own overall length and an overall length in the usual competition lengths (DRV 403-6 H).

DGRL 2014/68/EU



Customs tariff number

84811005



Media

In our series for drinking water, all materials comply with the requirements of the European Drinking Water Ordinance. The elastomers have ELL and W270 approval, all metals used are listed in the positive list of the Federal Environment Agency. This means that you can use this series without hesitation for the medium drinking water.



Merkmale

- pressure-relieved single seated valve
- diaphragm-controlled
- continuously adjustable outlet pressure
- max. inlet pressure up to 16 bar
- outlet pressure : 1,5 - 6 bar
- female thread acc. ISO 7
- with integrated strainer filter
- replaceable inner parts
- DVGW approval (DRV 403-6)
- seals with ELL and W270 approval
- metals listed in the positive list of the Federal Environment Agency
- double-ended G 1/4" manometer fitting (for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure difference (inlet/outlet pressure): 1 bar
- Female thread G 3/8" socket on request

Pressures



max. 16 bar



1,5 - 6 bar

Anschlüsse



Male thread
acc. ISO 7
from R 1/2" to R 2 1/2"

Materials

	body	spring bonnet	membrane & seals	wetted parts	max. temperature
standard version	red bronze CC499K	up to DN 32 PA6 from DN 40 cast iron	EPDM with ELL and W270	up to DN 32 Hostaform C & brass from DN 40 brass	75°C



Temperatures

Various options for the seals and wetted parts allow a maximum temperature of up to 75°C.



from -15 °C up to +75 °C

Seals and temperatures

EPDM* -15°C to +75°C

*drinking water compliant with ELL und W270



Technical data

nominal size	15	20	25	32	40	50	65
R	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"

Type

A

B

Pressures

max. 16 bar



max. inlet pressure [bar]

DRV 403-6 (H)

16

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DRV 402-6

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16

outlet pressure [bar]

DRV 403-6 (H)

1,5 - 6

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DRV 402-6

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1,5 - 6

1,5 - 6 bar



Connections

Male thread
from R 1/2" to R 2 1/2"



dimensions [mm]

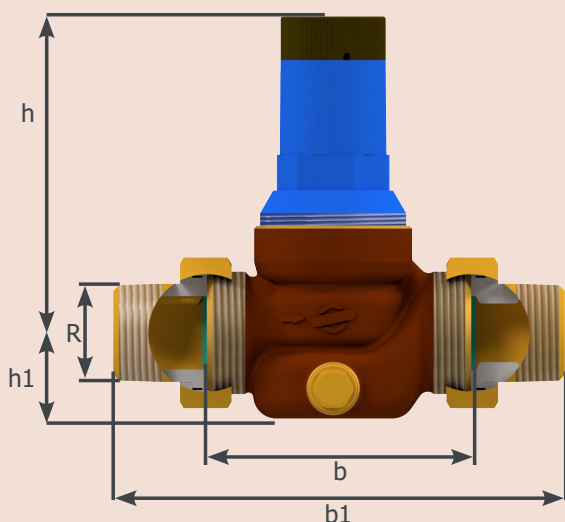
all types	R	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
	b	78 (80)	78 (90)	90 (100)	100 (105)	--	--	--
DRV 403-6 (H)	b1	137	141 (157)	154 (164)	177 (178)	--	--	--
	h1	27	27	29	47	--	--	--
	h	109	109	107	109	--	--	--
	b	--	--	--	--	125	126	150
DRV 402-6	b1	--	--	--	--	210	210	273
	h1	--	--	--	--	51	53	67
	h	--	--	--	--	242	239	255

weight [kg]

DRV 402	0,8	0,9	1,4	1,9	--	--	--
DRV 403	--	--	--	--	4,6	5,1	7,5

kvs-value [m³/h]

all types	2,9	3,9	5,4	6,1	9	13	17
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Article number

nominal size	15	20	25	32	40	50	65
R	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"

standard version

DRV 403-6	004302	004303	004304	004305	--	--	--
DRV 403-6 H	004332	004333	004334	004335	--	--	--
DRV 402-6	--	--	--	--	004206	004207	004208

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

Flow diagram

