



DRV 502-6
(DN 15 - DN 80)



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.

Pressure reducing valve Flange • Drinking water Red bronze

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

DGRL 2014/68/EU



Classification societies

- DNV GL
- LR
- BV
- ABS
- CCS

Customs tariff number

84811005



Features

- pressure-relieved single seated valve
- diaphragm-controlled
- continuously adjustable outlet pressure
- max. inlet pressure up to 16 bar
- outlet pressure : 1,5 - 6 bar
- Flanges acc. DIN EN 1092 PN 40 (DN 15 to DN 50)
- Flanges acc. DIN EN 1092 PN 25 (DN 65 to DN 80)
- with integrated strainer filter
- replaceable inner parts
- seals with ELL and W270 approval
- metals listed in the positive list of the Federal Environment Agency
- double-ended G 1/4" manometer fitting (only for outlet pressure for DN 15 to DN 50)
- assembly position: any desired, preferably vertical
- minimum pressure difference (inlet/outlet pressure): 1 bar

Pressures



max. 16 bar



1,5 - 6 bar

Connections



Flanges

DIN EN 1092 PN 40 (DN 15 to DN 50)

DIN EN 1092 PN 25 (DN 65 to DN 80)

Materials

	body	spring bonnet	membrane & seals	wetted parts	max. temperature
standard version	red bronze CC499K	up to DN 32 brass from DN 40 cast iron	EPDM with ELL & W270	up to DN 32 Hostaform C & brass from DN 40 brass	100 °C



Temperatures

Various options for the seals and wetted parts allow a maximum temperature of up to 100°C.



from -15 °C up to +100 °C

Seals and temperatures

EPDM* -15°C to +100°C

* drinking water compliant with EEL & W270



Technical data

nominal size	15	20	25	32	40	50	65	80
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Pressures

max. 16 bar



max. inlet pressure [bar]

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16

1,5 - 6 bar



outlet pressure [bar]

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1,5 - 6

Connections

Flange connection
from DN 15 to DN 80



dimensions [mm]

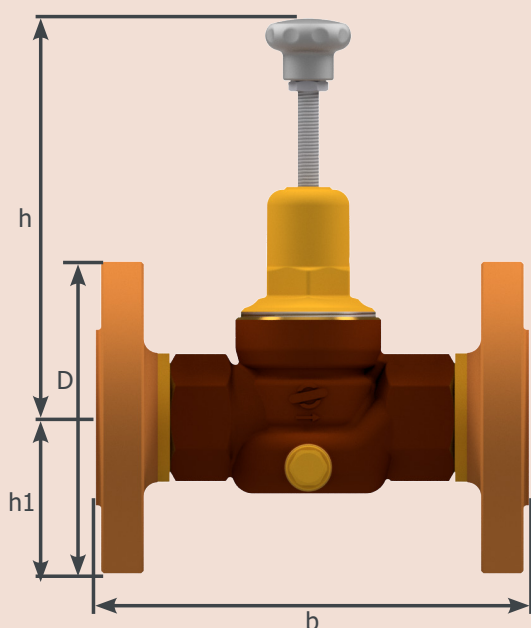
DRV 502-6	b	130	150	160	180	200	230	290	310
	D	95	105	115	140	150	165	185	200
	h	48	53	58	70	75	83	93	100
	h1	139	140	138	136	239	243	256	256

weight [kg]

DRV 502-6	2,4	3,3	4,1	5,9	9,2	12,3	18,0	20,7
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kvs-value [m³/h]

all types	2,9	3,9	5,4	6,1	9	13	17	18
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Article number

nominal size	15	20	25	32	40	50	65	80
standard version								
DRV 502-6	005202	005203	005204	005205	005206	005207	005208	005209

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

