



DRV 502-6  
(DN 15 - DN 80)



**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.

**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.

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]

	b	130	150	160	180	200	230	290	310
DRV 502-6	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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