





### **Pressure reducing valve** Female thread • Standard pressure

Pressure reducing valves of the series are diaphragm-controlled, spring-loaded pressure reducing valves. These valves are inlet pressure relieved.









The pressure reducers are suitable for use with aggressive waters and other aggressive liquids, but can also be used for air and neutral gases when larger flow rates are required.

The seals are suitable for drinking water and have ELL and W270 approval.



## Classification societies

• DNV GL

• IR BV • CCS

## Customs tariff number

84811005

# FDA / EC 1935/2004

Our stainless steel series with EPDM seals correspond to the requirements of the EU Regulation EC 1935/2004 and the Regulations of the FDA (Food and Drug Administration).

The metallic components in contact with the medium are made of austenitic materials such as 1.4408 and 1.4404.

The EPDM seals are conform FDA (21 CFR part 177.2600) and EC 1935/2004. This means you can use our stainless steel series with EPDM seals in food applications without hesitation.









#### **Features**

- pressure-reliefed single seated valve
- diaphrahgm-controlled
- continuously adjustable outlet pressure
- max. inlet pressure up to 25 bar
- outlet pressure: 1,5 6 bar
- female thread acc. ISO 228, optinally with NPT-Gewinde with integrated strainer filter
- replaceable inner parts
- double-ended G 1/4" manometer fitting (for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure difference (inlet/outlet pressure):1 bar
- EPDM seals with FDA conformity, ELL and W270 approval



# Temperatures

Seals and wetted internal parts allow a maximum temperature of up to 75°C.



from -30 °C up to +75 °C

# Seals and temperatures

-30°C bis +75°C EPDM\*

# Pressures





# Connections



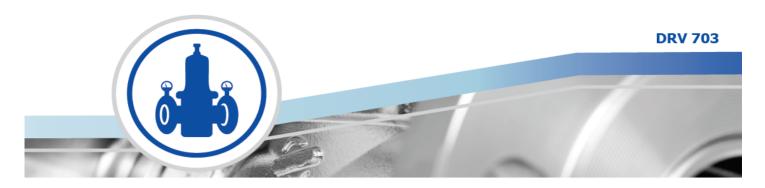
Female thread acc. ISO 228 from G 1/2" up to G 2"

# Materials

	body	spring bonnet	seals	wetted parts	max. temperature
standard version	stainless steel 1.4408	plastics	EPDM*	plastics/ stainless steel 1.4404	75 °C

\* with FDA conformity, ELL & W270 approval





# Technical data

nominal size	15	20	25	32
G	1/2"	3/4"	1"	1 1/4"

#### **Pressures**

max. inlet pressure [bar]

max. 25 bar



DRV 703

25

outlet pressure [bar]

1,5 - 6 bar



DRV 703

1,5 - 6

### **Connections**

dimensions [mm]





G	1/2"	3/4"	1"	1 1/4"
b	95	95	110	120
h1	29	29	39	39
h	109	109	109	109
	b h1	b 95 h1 29	b 95 95 h1 29 29	b 95 95 110 h1 29 29 39

### weight [kg]

DRV 703	1,0	0,9	1,7	1,6
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### kvs-value [m³/h]

DRV 703	2.9	3.9	5.4	6.1

