



DRV 703  
(DN 15 - DN 32)



**Pressure reducing valve**  
**Female thread • Standard pressure**  
**Stainless steel**

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

**Media** .....

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.

DGRL 2014/68/EU **CE**

**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
- female thread acc. ISO 228, optionally with NPT-thread
- 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 ELL and W270 approval



**Temperatures**

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



from -30 °C up to +75 °C

**Seals and temperatures**

EPDM -30 °C bis +75 °C

**Pressures**



max. 16 bar



1,5 - 6 bar

**Connections**



Female thread  
acc. ISO 228  
from G 1/2" up to G 1 1/4"

**Materials**

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



**Technical data**

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

**Pressures**

max. 16 bar



max. inlet pressure [bar]

DRV 703

16

outlet pressure [bar]

1,5 - 6 bar



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1,5 - 6

**Connections**

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



dimensions [mm]

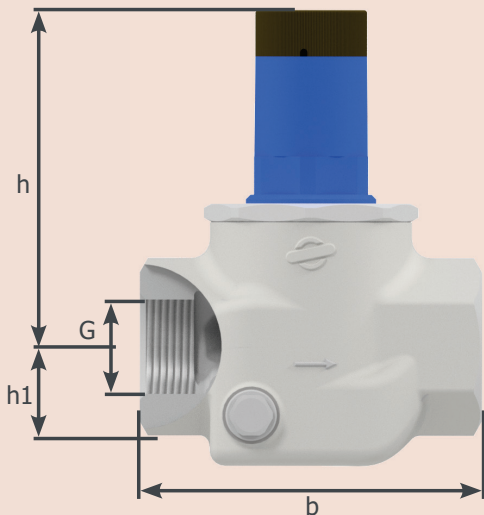
	G	1/2"	3/4"	1"	1 1/4"
DRV 703	b	95	95	110	120
	h1	29	29	39	39
	h	109	109	109	109

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
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**Article number** .....

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

standard version

DRV 703	070302	070303	070304	070305
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Standard article numbers are 6 digits, article numbers for additional options are 11 digits.  
(See option overview and configuration example)

**Options** .....

<b>CC - connections</b>		<b>E - elastomers</b>	
00 - ISO 228	standard	0 - EPDM	with ELL & W270 approval
30 - NPT - ASME B1.20.1			
<b>M - material of wetted inner parts</b>		<b>F - finishes</b>	
0 - plastic/stainless steel 1.4404		0 - without additional finishes	

**Configuration example of an article number with additional options** .....

inlet pressure: 10 bar      outlet pressure: 4 bar      connection: 1" NPT  
 seals: EPDM      temperature: 30 °C      without additional finishes

art.no. standard version						-	C	C	M	E	F
0	7	0	3	0	4	-	3	0	0	0	0

**Manometer** .....

diameter	connection	body	pressure range	max. temp.	art.no.*
50 mm	G 1/4", central back	steel	0 - 10 bar	60 °C	009002
63 mm	G 1/4", central back	stainless steel	0 - 10 bar	130 °C	009014

\*article numbers are 11 digits, see option overview and configuration example



### Flow diagram

