



DRV 372 • DRV 378  
 Type A (DN 15 - DN 32)



DRV 373  
 Type A (DN 15 - DN 32)



DRV 372 • DRV 378  
 Type B (DN 40 - DN 50)

**Pressure reducing valve**  
**Female thread • Wide range**  
**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



**Media** .....

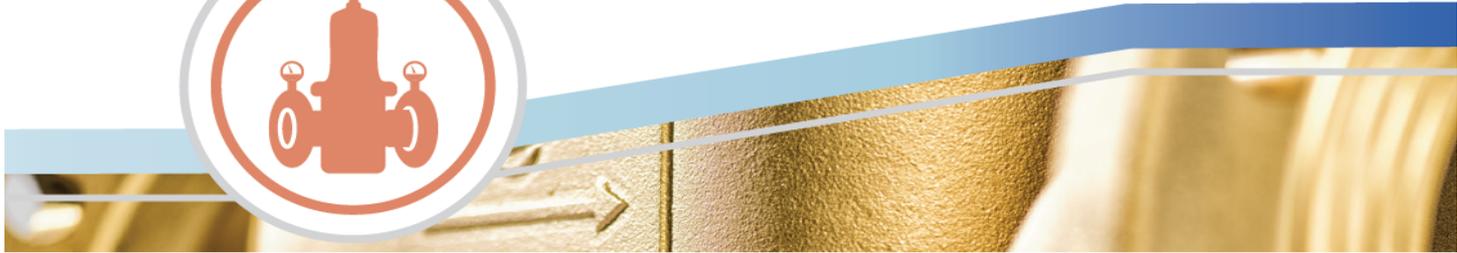
The pressure reducers are suitable for use with water and neutral, non-adhesive liquids, but can also be used for air and neutral gases when larger flow rates are required.

For the media drinking water or sea water we refer to our special series DRV -6 or DRV -SW.



**Special version seawater(-SW)**.....

In this special version for seawater, all materials in contact with the media are seawater resistant. Smaller nominal diameters up to DN 32 are equipped with a removable cartridge made of POM and red-bronze. For nominal sizes DN 40 and larger, the internal parts are made completely of red-bronze.



## Features

- pressure-relieved single seated valve
- diaphragm-controlled
- continuously adjustable outlet pressure
- max. inlet pressure up to 40 bar
- outlet pressure : 0,5 - 9 bar
- female thread acc. ISO 228, optionally 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

## Pressures



max. 40 bar



0,5 - 9 bar

## Connections



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



## Temperatures

Various options for the seals and wetted parts allow a maximum temperature of up to 190°C.



from -30 °C up to +190 °C

## Seals and temperatures

NBR*	-15°C to +100°C
EPDM*	-30°C to +130°C
FPM*	-10°C to +190°C

\* DRV 373 up to 75°C

## Special version for high temperature(-HT) .....

Often the temperature resistance of standard pressure reducers is not sufficient for your application. For such applications, various variants of the -HT series are available. This high temperature series is equipped with FPM seals. Thus, a maximum temperature resistance of 190°C is achieved with FPM seals in combination with metallic internal parts.

Please note that these pressure reducers are not suitable for use with steam.

## Materials

	body	spring bonnet	diaphragm & seals	wetted parts	max. temperature
standard version	red bronze CC499K	up to DN 32 brass* from DN 40 cast iron	NBR optionally EPDM, FPM	up to DN 32 Hostaform C & brass from DN 40 brass	100 °C*

special versions:



high temperature (-HT)\*

red bronze  
CC499K

up to DN 32 brass  
from DN 40 cast iron

FPM

brass

190 °C



seawater (-SW)

red bronze  
CC499K

up to DN 32 brass  
from DN 40 cast iron

NBR

up to DN 32  
Hostaform C & red bronze  
from DN 40 red bronze

100 °C

\* DRV 303 with plastic bonnet, only up to 75°C



**Technical data**

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

**Type**  
**Pressures**

max. 40 bar



max. inlet pressure [bar]

		A	B
DRV 372	40	25	
DRV 373	16	--	
DRV 378	40	25	

0,5 - 9 bar



outlet pressure [bar]

DRV 372	0,5 - 4	0,5 - 4
DRV 373	0,5 - 4	--
DRV 378	0,5 - 9	0,5 - 9

**Connections**

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



dimensions [mm]

	G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
all types	b	85	95	105	120	150	160
	h1	27	27	29	47	60	60
DRV 372		141	142	141	140	241	243
DRV 373	h	109	110	109	108	--	--
DRV 378		136	137	136	135	320	320

weight [kg]

DRV 372	0,8	0,8	1,2	1,5	4,6	5,0
DRV 373	0,6	0,7	1,1	1,4	--	--
DRV 378	0,8	0,8	1,2	1,5	5,1	5,6

kvs-value [m³/h]

alle Typen	2,9	3,9	5,4	6,1	9	13
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