



DRV 624
DN 65 - DN 150



Pressure reducing valve
Flange • High pressure
Red bronze

Pressure reducing valves of the series are piston-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

84811099

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.



Special version seawater (-SW)

In this special version for seawater, all materials in contact with the media are seawater resistant.



Merkmale

- pressure-relieved single seated valve
- piston-controlled
- continuously adjustable outlet pressure
- max. inlet pressure up to 25 bar
- outlet pressure: 4 - 12 bar
- flanges acc. DIN EN 1092 PN 25
- optionally with ANSI or JIS flanges
- optionally with DIN EN 1092 PN 16 flanges
- double-ended G 1/4" manometer fitting
- assembly position: any desired, preferably vertical
- minimum pressure difference (inlet/outlet pressure): 1 bar

Pressures



max. 25 bar




4 - 12 bar

Connections



Flange connection
acc. DIN EN 10920 PN 25

Materials

	body	spring bonnet	seals	wetted parts	max. temperature
standard version	red bronze CC499K	cast iron	NBR	brass stainless steel V4A	100 °C
special version:					
 seawater (-SW)	red bronze CC499K	cast iron	NBR	red bronze stainless steel V4A	100 °C



Temperatures

Seals and wetted parts allow a maximum temperature of up to 100 °C.



from -15 °C up to +100 °C

Seals and temperatures

NBR -15 °C to +100 °C



Technical data

nominal size	65	80	100	100	125	125	150	150
PN	16/ 25	16/ 25	16	25	16	25	16	25

Pressures

max. 25 bar



max. inlet pressure [bar]

DRV 624	25	25	16	25	16	25	16	25
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4 - 12 bar



outlet pressure [bar]

DRV 624	4 - 12							
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Connections

Flange connection
from DN 65 to DN 150



dimensions [mm]

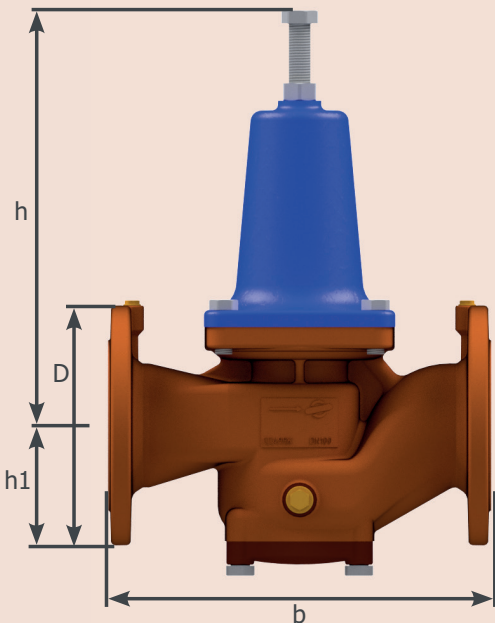
	DN	65	80	100	100	125	125	150	150
	b	290	310	350	350	400	400	480	480
	D	185	200	220	235	250	270	285	300
	h1	136	136	136	136	185	185	185	185
	h	406	409	465	465	590	590	590	590

weight [kg]

DRV 624	39,2	44,3	43,4	47,0	98,3	103,7	107,6	112,7
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kvs-value [m³/h]

all types	48	60	70	70	170	170	210	210
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Article number

nominal size	DN	65	80	100	100	125	125	150	150
PN		16/ 25	16/ 25	16	25	16	25	16	25

standard version

DRV 624	062408	062409	062410-54010	062410	062411-54010	62411-55010	062412-54010	062412-55010
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special version

seawater -SW	062408-00200	062409-00200	062410-54210	062410-00200	062411-54210	062411-55210	062412-54210	062412-55210
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Standard article numbers are 6 digits, article numbers for additional options are 11 digits. (See next page for an overview of options)

Manometer

diameter	connection	body	pressure range	max. temp.	art.no.
50 mm	G 1/4", radial bottom	steel	0 - 10 bar	60 °C	009009
50 mm	G 1/4", radial bottom	steel	0 - 25 bar	60 °C	009013
63 mm	G 1/4", central back	stainless steel	0 - 10 bar	60 °C	009015
63 mm	G 1/4", central back	stainless steel	0 - 10 bar	200 °C	009014



Options

C C - connections

00 -	DIN EN 1092 PN 25	standard DN 65 - DN 100
54 -	DIN EN 1092 PN 16	
55 -	DIN EN 1092 PN 25	
61 -	ANSI B 16.5 RF	class 150 lbs

M - material wetted parts

0 -	brass / V4A	standard
2 -	red bronze / V4A	

E - elastomers

0 -	NBR	DN 65 - DN 100
1 -	NBR	DN 125 & DN 150

F - finishes

0 -	without additional finishes
1 -	inside + outside nickel plated
3 -	inside + outside chrome-plated
5 -	inside + outside chemically nickel-plated

Configuration example of an article number with additional options

inlet pressure: 10 bar
seals: EPDM

outlet pressure: 4 bar
temperature: 30 °C

connection: DN 150 ANSI B 16.5 RF
without additional finishes

art.no. standard version						-	C	C	M	E	F
0	6	2	4	1	2	-	6	1	0	2	0

Flow diagram

