

PRESSURES

Inlet pressure	max. 25 bar
Outlet pressure	0,5 - 9 bar

CONNECTIONS

Flange connection acc. DIN EN 1092
 ---- PN 25
 ---- PN 16
 Optionally all sizes with ANSI or JIS

SEALS AND TEMPERATURES

NBR -15 °C up to +100 °C
 EPDM -30 °C up to +130 °C

FEATURES

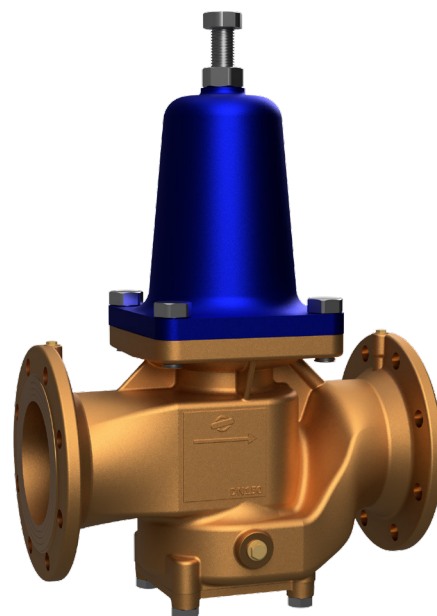
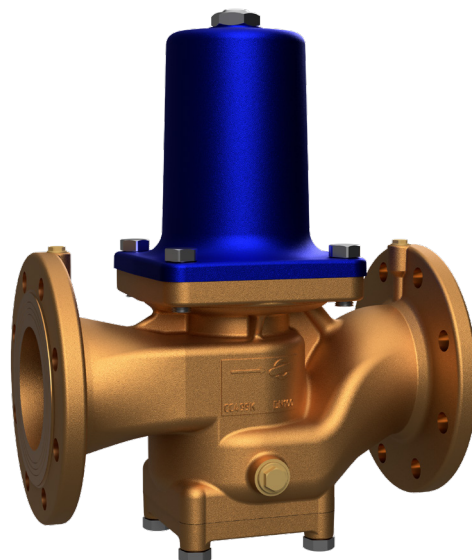
- inlet pressure compensation
- diaphragm-controlled
- continuously adjustable outlet pressure
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting (for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure difference (inlet - outlet pressure): 1 bar

MEDIA

- water and neutral, non-sticky liquids
- air and neutral gases (at higher flow rates)

CONFORMITY / CUSTOMS TARIFF NUMBER / CLASSIFICATION SOCIETIES

- DGRL 2014/68/EU
- Customs tariff number 848 110 99
- Certifiable by external classification societies e.g. DNV



Nominal size	65	80	100	100	125	125	150	150
PN	25	25	16	25	16	25	16	25

max. inlet pressure [bar]

DRV 672	25	25	16	25	16	25	16	25
DRV 678	25	25	16	25	16	25	16	25

outlet pressure [bar]

DRV 672	0,5 - 4							
DRV 678	0,5 - 9							

dimensions [mm]

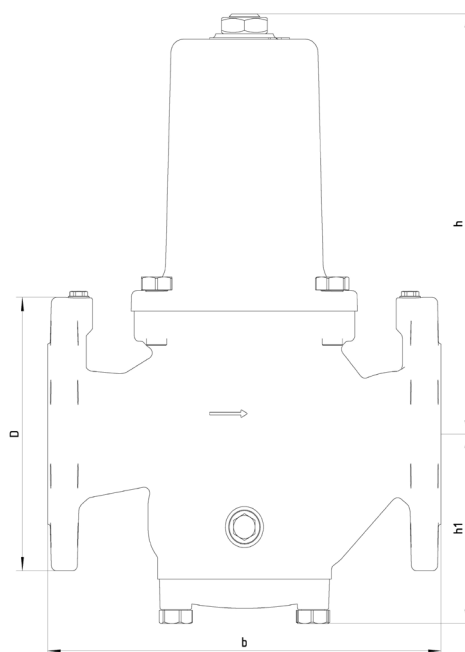
all types	DN	65	80	100	100	125	125	150	150
	b	290	310	350	350	400	400	480	480
	D	185	200	220	235	250	270	285	300
	h1	136	137	141	141	185	185	185	185
	h	380	381	396	396	548	548	548	548

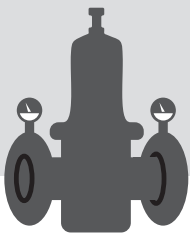
weight [kg]

DRV 672	33,5	36,9	38,8	42,3	88,5	94,0	97,8	102,9
DRV 678	33,5	36,9	38,8	42,3	90,1	95,3	99,3	104,5

kvs-value [m³/h]

all types	48	60	70	70	170	170	210	210
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Article numbers and options

Article numbers

Nominal size	65	80	100	100	125	125	150	150
PN	25	25	16	25	16	25	16	25

Standard version

DRV 672	067208	067209	067210	067210-55000	067211	067211-55000	067212	067212-55000
DRV 678	067808	067809	067810	067810-55000	067811	067811-55000	067812	067812-55000

Special version

high temperature -HT (672)	067208-00030	067209-00030	067210-00030	067210-55030	067211-00030	067211-55030	067212-00030	067212-55030
high temperature -HT (678)	067808-00030	067809-00030	067810-00030	067810-55030	067811-00030	067811-55030	067812-00030	067812-55030
sea water -SW (672)	067208-00200	067209-00200	067210-00200	067210-55200	067211-00200	067211-55200	067212-00200	067212-55200
sea water -SW (678)	067808-00200	067809-00200	067810-00200	067810-55200	067811-00200	067811-55200	067812-00200	067812-55200

Options overview

C C - connections

00 -	DIN EN 1092 PN 16	standard DN 100 to DN 150
00 -	DIN EN 1092 PN 25	standard DN 65 & DN 80
55 -	DIN EN 1092 PN 25	DN 100 to DN 150
61 -	ANSI B 16.5 RF	class 150 lbs
75 -	JIS JIS B2220 16K	

M - material of wetted inner parts

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

E - elastomers

3 -	FKM
0 -	NBR
2 -	EPDM

F - finishes

0 -	without additional finishes
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Configuration example of an article number with additional options

art.no. standard version						-	C	C	M	E	F
0	6	7	2	1	2	-	6	1	0	2	0

inlet pressure: 10 bar
seals: EPDM

outlet pressure: 3 bar
temperature: 30 °C

connection: DN 150 ANSI B 16.5 RF
without additional finishes

Manometer

diameter	connection	body	pressure range	max. temp.	art.no.
50 mm	G 1/4", bottom	steel	0 - 10 bar	60 °C	009009
50 mm	G 1/4", bottom	steel	0 - 25 bar	60 °C	009013
63 mm	G 1/4", bottom	stainless steel	0 - 10 bar	200 °C	009018
63 mm	G 1/4", bottom	stainless steel	0 - 25 bar	200 °C	009019

Materials

	body	spring bonnet	seals	wetted inner parts	max. temperature
standard	red bronze CC499K	cast iron	NBR optionally EPDM, FKM	brass / stainless steel VA4	100 °C

Sonderausführungen

high temperature-HT	red bronze CC499K	cast iron	EPDM / FKM	brass / stainless steel VA4	190 °C
sea water -SW	red bronze CC499K	cast iron	NBR	brass / stainless steel VA4	75 °C

Flow diagram

