

PRESSURES

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

CONNECTIONS

Flange acc. DIN EN 1092 PN 25
Optionally with ANSI or JIS

SEALS AND TEMPERATURES

NBR	-15 °C up to +100 °C
EPDM	-30 °C up to +130 °C / with FDA conformity
FKM	-10 °C up to +190 °C

FEATURES

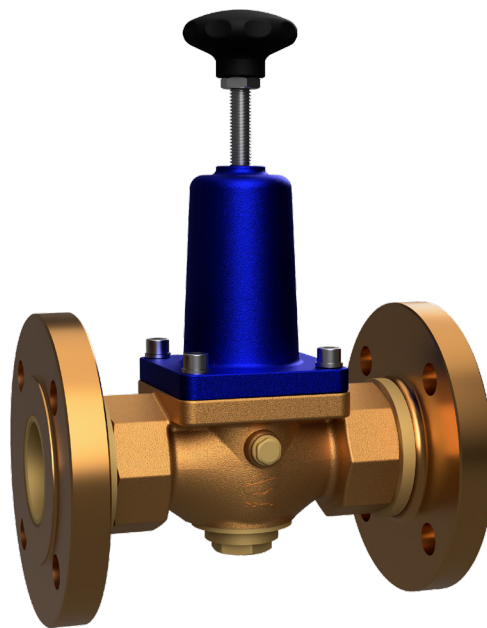
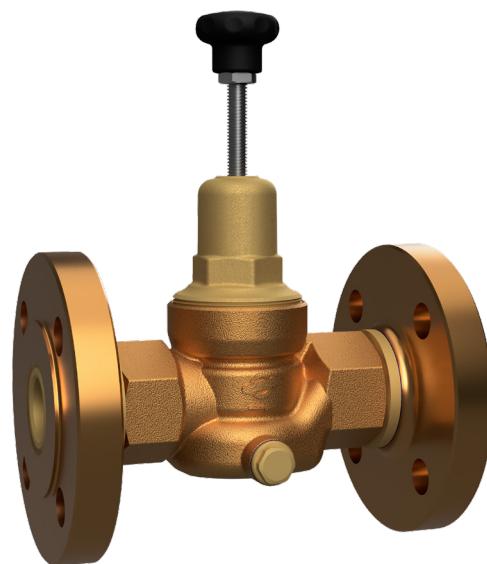
- inlet pressure compensation
- diaphragm-controlled
- continuously adjustable outlet pressure
- with integrated strainer filter
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting (for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum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

MEDIA

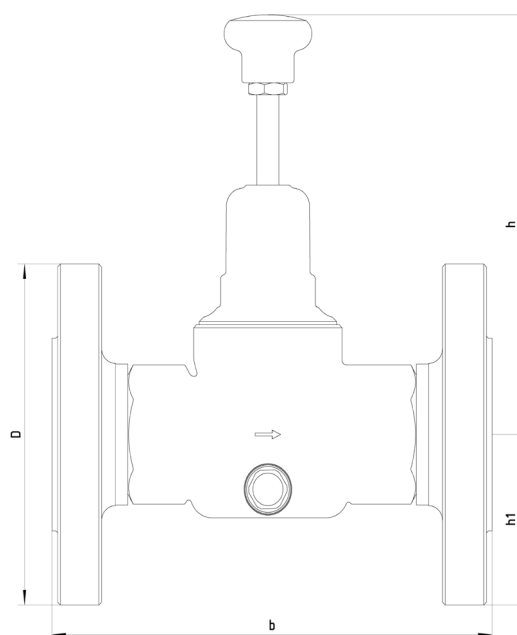
- water and neutral, non-sticky liquids
- air and neutral gases (at higher flow rates)

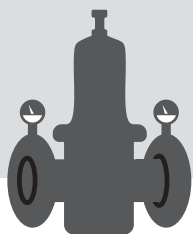
CONFORMITY / CUSTOMS TARIFF NUMBER / CLASSIFICATION SOCIETIES

- DGRL 2014/68/EU
- Customs tariff number 848 110 05
- Certifiable by external classification societies e.g. DNV



Nominal size		15	20	25	32	40	50	65	80
Type		A				B			
max. inlet pressure [bar]									
DRV 572		25				25			
DRV 578		25				25			
outlet pressure [bar]									
DRV 572		0,5 - 4				0,5 - 4			
DRV 578		0,5 - 9				0,5 - 9			
dimensions [mm]									
all types	DN	15	20	25	32	40	50	65	80
	b	130	150	160	180	200	230	290	310
	D	95	105	115	140	150	165	185	200
	h1	48	53	58	70	75	83	93	100
	h	139	140	138	136	239	243	256	256
DRV 572		139	140	138	136	239	243	256	256
DRV 578		136	137	136	131	313	320	331	331
weight [kg]									
DRV 572		2,4	3,3	4,1	5,9	9,2	12,3	18,0	20,7
DRV 578		2,4	3,3	4,1	5,9	9,6	12,8	18,6	21,4
kvs-value [m³/h]									
all types		2,9	3,9	5,4	6,1	9	13	17	18





Article numbers and options

Article numbers

Nominal size	15	20	25	32	40	50	65	80
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Standard version

DRV 572	057202	057203	057204	057205	057206	057207	057208	057209
DRV 578	057802	057803	057804	057805	057806	057807	057808	057809

Special version

high temperature -HT	art.no. standard + -00130	art.no. standard + -00030
sea water -SW	art.no. standard + -00500	art.no. standard + -00200

Options overview

C C - connections

00 -	DIN EN 1092 PN 25	standard
54 -	DIN EN 1092 PN 16	only DN 65
61 -	ANSI B 16.5 RF	class 150 lbs
75 -	JIS B2220	16K

E - elastomers

0 -	NBR	standard
2 -	EPDM	except DN 32
3 -	FKM	

M - material of wetted inner parts

0 -	brass / POM	standard up to DN 32
0 -	brass	standard from DN 40
1 -	brass	DN 15 up to DN 32
2 -	red bronze / VA	
5 -	red bronze / POM	only DN 15 up to DN 32

F - finishes (upon request)

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	5	7	8	0	7	-	6	1	0	2	0

inlet pressure: 10 bar
seals: EPDM

outlet pressure: 4 bar
temperature: 30 °C

connection: DN 50 ANSI B 16.5 RF
without additional finishes

Manometer, materials and flow diagram

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	200 °C	009014

Materials

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

Special version

high temperature -HT	red bronze CC499K	up to DN 32 brass from DN 40 cast iron	FKM	brass	190 °C
sea water -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

Flow diagram

