

PRESSURES

Inlet pressure	max. 25 bar
Outlet pressure	1,5 - 10 bar

CONNECTIONS

Flanges acc. DIN EN 10920 PN 25
Optionallly 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

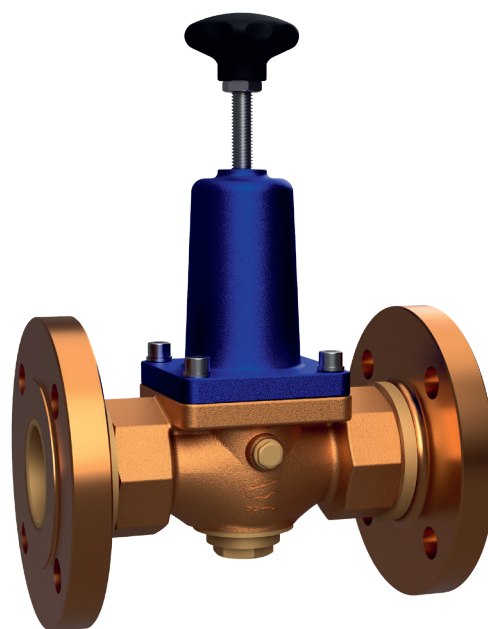
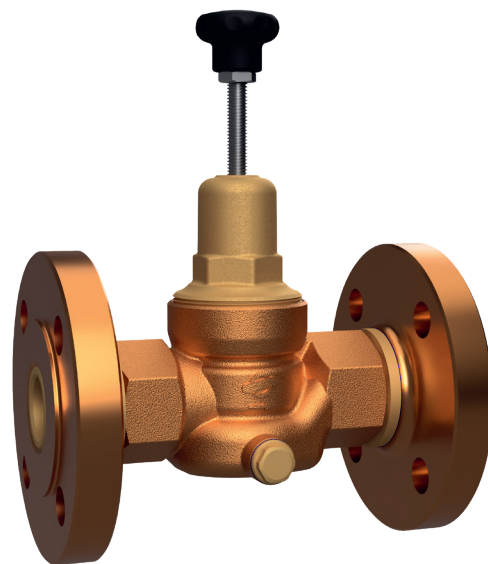
- pressure compensation
- diaphragm-controlled
- continuously adjustable outlet pressure
- with integrated strainer filter
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting
(for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure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

MEDIA

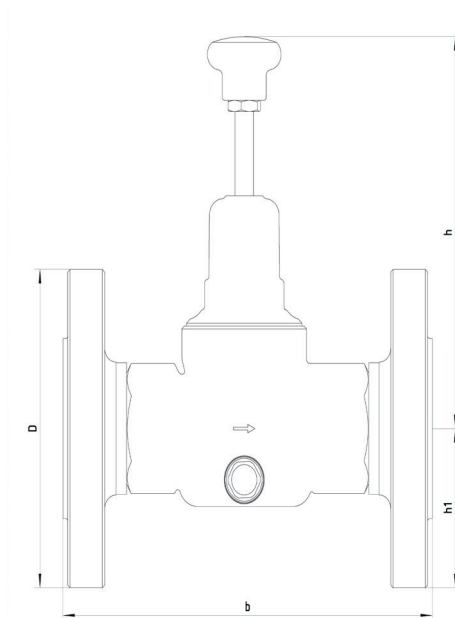
- water and neutral non-sticky liquids
- air and neutral gases (at higher flow rates)

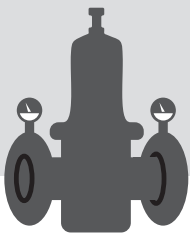
CONFORMITY / CUSTOMS TARIFF NUMBER / CLASSIFICATION SOCIETIES

- 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 502 (-6)		25 (16)				25 (16)			
DRV 508		25				25			
outlet pressure [bar]									
DRV 502		1,5 - 6				1,5 - 6			
DRV 508		1,5 - 10				1,5 - 10			
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 502		136	137	136	131	313	320	331	331
DRV 508									
weight [kg]									
DRV 502		2,4	3,3	4,1	5,9	9,2	12,3	18,0	20,7
DRV 508		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 502	050202	050203	050204	050205	050206	050207	050208	050209
DRV 508	050802	050803	050804	050805	050806	050807	050808	050809

Special version

high temperature -HT	art.no. standard + -00130				art.no. standard + -00030			
sea water -SW	art.no. standard + -00500				art.no. standard + -00200			
drinking water - dw	005202	005203	005204	005205	005206	005207	005208	005209

Options overview

C C - Connections			E - elastomers		
00 -	DIN EN 1092 PN 25	standard	0 -	NBR	standard
54 -	DIN EN 1092 PN 16	only DN 65	2 -	EPDM	
61 -	ANSI B 16.5 RF	class 150 lbs	3 -	FKM	with FDA conformity
75 -	JIS B2220	16K	7 -	EPDM with drinking water compliance	

M - Material of wetted inner parts			F - finishes (upon request)		
0 -	brass / POM	standard up to DN 32	0 -	without additional finishes	
0 -	brass	standard from DN 40			
1 -	brass	DN 15 to DN 32			
2 -	red bronze / VA				
5 -	red bronze / POM	only DN 15 to DN 32			

Configuration example of an article number with additional options

art.no. standard version						-	C	C	M	E	F
0	5	0	2	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

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	190 °C

Special version

hight 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

