

PRESSURES

Inlet pressure	max. 16 bar
Outlet pressure	0,2 - 2 bar

CONNECTIONS

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

SEALS AND TEMPERATURES

NBR	-15 °C up to +100 °C
EPDM	-30 °C up to +130 °C
FKM	-10 °C up to +190 °C

FEATURES

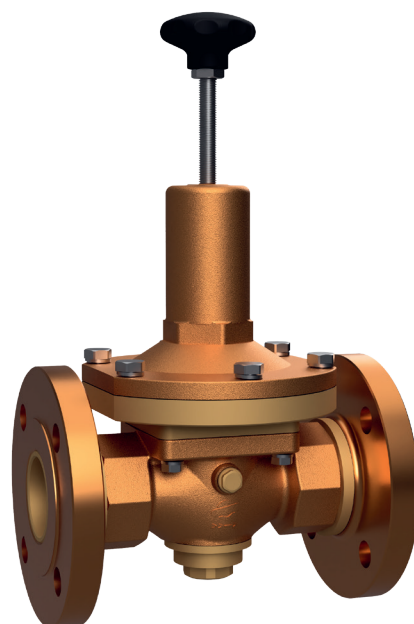
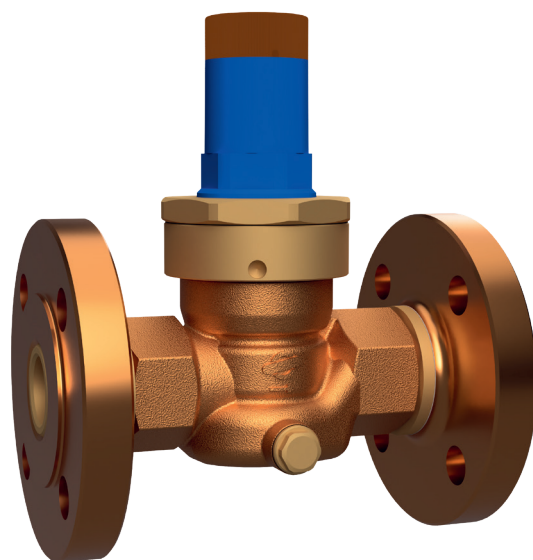
- pressure compensation
- diaphragm-controlled
- continuously adjustable outlet pressure
- with integrated strainer filter
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting
(for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure difference (inlet - outlet pressure):
1 bar
- optionally DN 65 with PN 16 flanges

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
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Type

A

B

max. inlet pressure [bar]

DRV 550	16	16
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outlet pressure [bar]

DRV 550	0,2 - 2	0,2 - 2
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dimensions [mm]

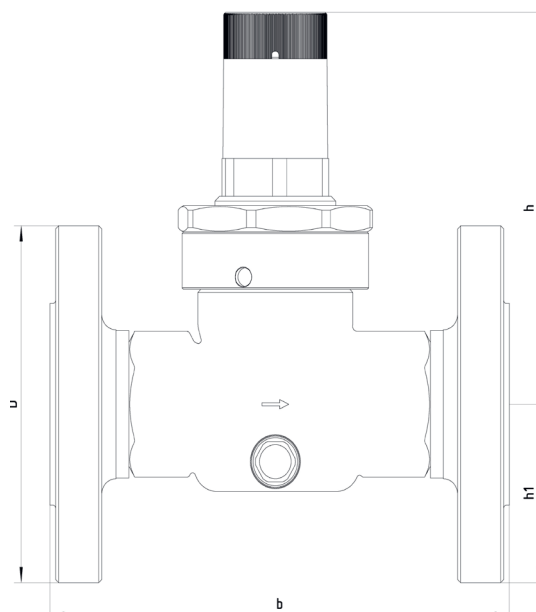
DN	15	20	25	32	40	50	65	80
b	130	150	160	180	200	230	290	310
DRV 550 D	95	105	115	140	150	165	185	200
h1	48	53	58	70	75	83	93	100
h	127	130	127	128	310	310	323	323

weight [kg]

DRV 550	2,7	3,6	4,5	6,2	13,2	15,7	21,9	24,7
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kvs-value [m³/h]

DRV 550	2,9	3,9	5,4	6,1	9	13	17	18
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Article numbers and options

Article numbers

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

DRV 550	055002	055003	055004	055005	055006	055007	055008	055009
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Special version

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

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	only DN 15 to DN 32
75 -	JIS B2220	16K			
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				
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	5	0	0	2	-	6	1	0	3	0

inlet pressure: 10 bar
seals: FKM

outlet pressure: 1 bar
temperature: 30 °C

connection: DN 15 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	190 °C	009014

Materials

	body	spring bonnet	seals	wetted inner parts	max. temperature
Standard	red bronze CC499K	up to DN 32 PA6 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	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 & stainless steel	100 °C

Flow diagram

