

PRESSURES

Inlet pressure	max. 25 bar
Outlet pressure	1,5 - 20 bar

CONNECTIONS

Flange 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
FKM	-10 °C up to +190 °C

FEATURES

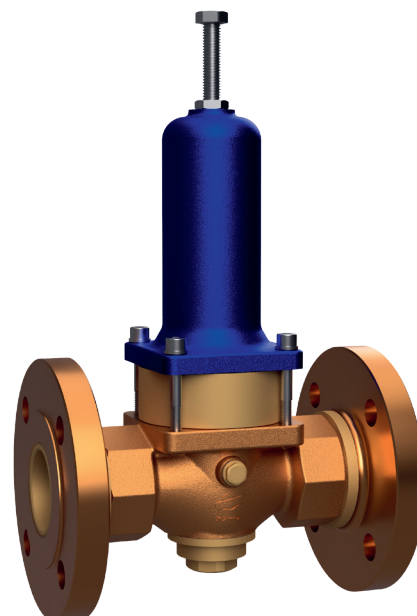
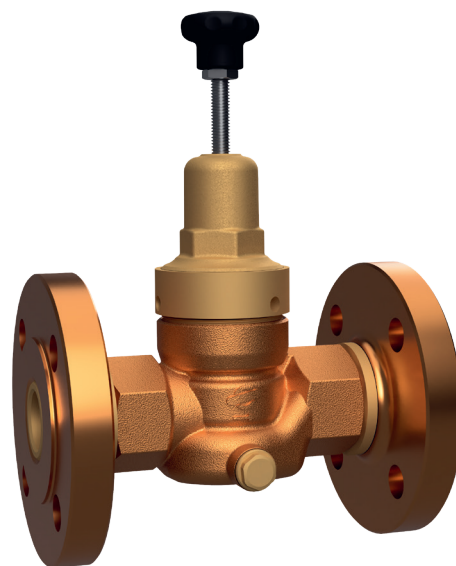
- inlet pressure compensation
- piston-controlled
- continuously adjustable outlet pressure
- with integrated strainer filter
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting
(for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure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

MEDIA

- water and neutral, non-sticks 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 524	25	25
DRV 525	25	25

outlet pressure [bar]

DRV 524	1,5 - 12	1,5 - 12
DRV 525	2,0 - 20	2,0 - 20

dimensions [mm]

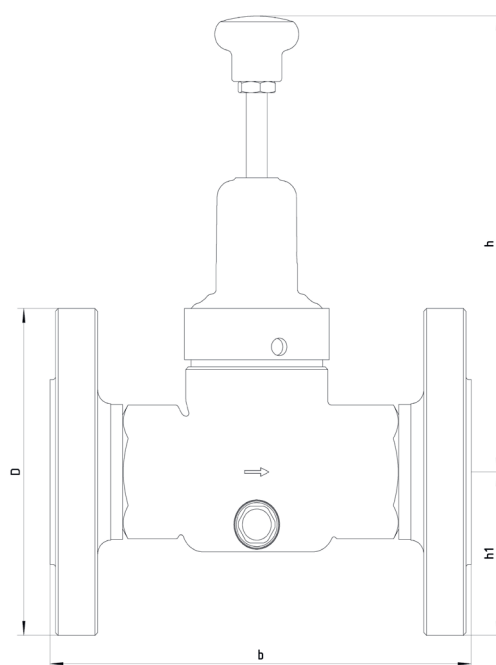
	DN	15	20	25	32	40	50	65	80
all types	b	130	150	160	180	200	230	290	310
	D	95	105	115	140	150	165	185	200
	h1	48	53	58	70	75	83	93	100
DRV 524	h	155	156	155	154	302	301	320	320
DRV 525		206	207	206	205	326	326	336	336

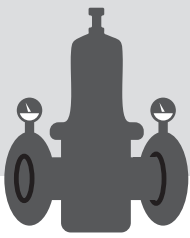
weight [kg]

DRV 524	2,7	3,6	4,5	6,2	11,7	14,7	20,3	22,3
DRV 525	3,1	3,9	4,8	6,5	11,7	14,7	20,6	23,3

kvs-value [m³/h]

all types	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 524	052402	052403	052404	052405	052406	052407	052408	052409
DRV 525	052502	052503	052504	052505	052506	052507	052508	052509

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			E - elastomers		
00 -	DIN EN 10920 PN 25	standard	0 -	NBR	standard
54 -	DIN EN 10920 PN 16	only DN 65	2 -	EPDM	only DN 40 up to DN 80
61 -	ANSI B 16.5 RF	class 150 lbs	3 -	FKM	
75 -	JIS B2220	16K			
M - material of wetted inner parts			F - finishes		
0 -	brass / POM	standard up to DN 32	0 -	without additional finishes	
0 -	brass	standard from DN 40			
1 -	brass	DN 15 up to DN 32			
2 -	red bronze				
5 -	red bronze / POM	only DN 15 up to DN 32			

Configuration example of an article number with additional options

art.no. standard version						-	C	C	M	E	F
0	5	2	5	0	7	-	6	1	0	2	0

inlet pressure: 20 bar
seals: EPDM

outlet pressure: 15 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	steel	0 - 25 bar	60 °C	009004
63 mm	G 1/4", central back	stainless steel	0 - 10 bar	200 °C	009014
63 mm	G 1/4", central back	stainless steel	0 - 25 bar	200 °C	009017

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

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

