

PRESSURES

Inlet pressure	max. 40 bar
Outlet pressure	1,5 - 20 bar

CONNECTIONS

Male thread acc. ISO 7 (R 1/2" up to R 2 1/2")

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

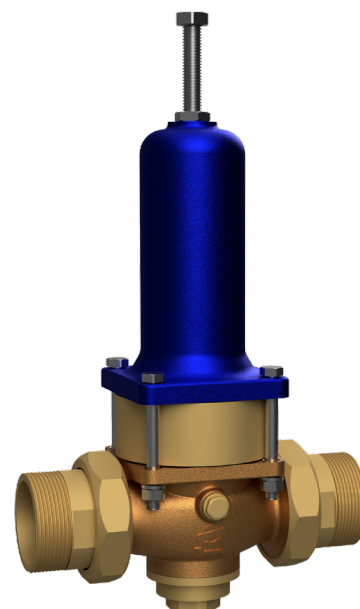
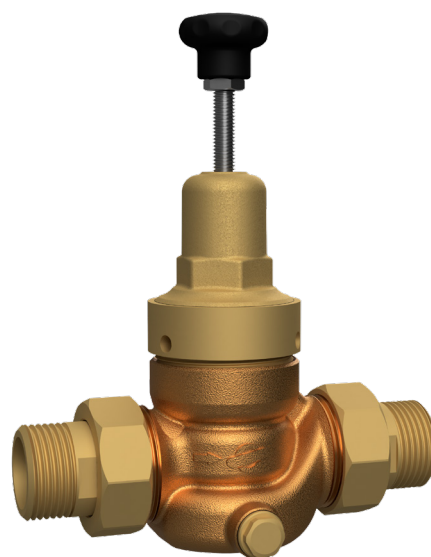
- inlet pressure compensation
- piston-controlled
- continuously adjustable outlet pressure
- with integrated strainer filter
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting (for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure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

MEDIA

- water and neutral, non-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
R	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"

Type

A

B

max. inlet pressure [bar]

DRV 424	40	25
DRV 425	40	25

outlet pressure [bar]

DRV 424	1,5 - 12	1,5 - 12
DRV 425	2,0 - 20	2,0 - 20

dimensions [mm]

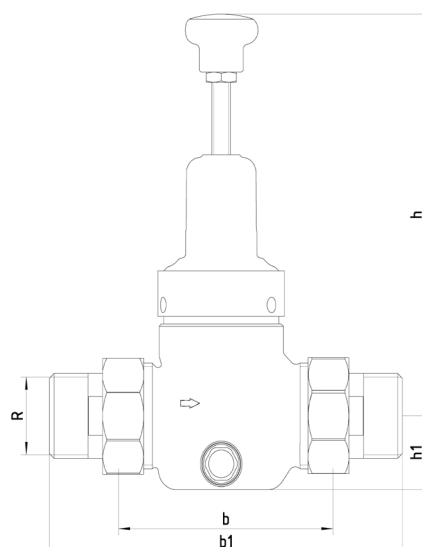
	R	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
all types	b	78	78	90	100	125	126	150
	b1	137	141	154	177	210	210	273
	h1	27	28	29	47	59	61	68
	h	151	151	150	187	302	303	317
DRV 424								
DRV 425		206	206	202	205	327	327	340

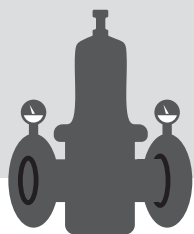
weight [kg]

DRV 424	1,2	1,4	1,7	2,6	7,0	7,6	10,0
DRV 425	1,6	1,7	2,1	2,6	7,2	7,6	10,0

kvs-Wert [m³/h]

all types	2,9	3,9	5,4	6,1	9	13	17
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Article numbers and options

Article numbers

Nominal size	15	20	25	32	40	50	65
R	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"

Standard version

DRV 424	042402	042403	042404	042405	042406	042407	042408
DRV 425	042502	042503	042504	042505	042506	042507	042508

Special version

high temperature -HT	art.no. standard + -00130	art.no. standard + -00030	--
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Options overview

C C - connections

00 -	ISO 7	Standard
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M - material of wetted inner parts

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

E - elastomers

0 -	NBR	standard
2 -	EPDM	
3 -	FKM	

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	4	2	5	0	2	-	0	0	0	3	0

inlet pressure: 23 bar
seals: FKM

outlet pressure: 12 bar
temperature: 100 °C

connection: 1/2" NPT
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	diaphragm & seals	wetted inner parts	max. temperature
Standard	red bronze CC499K	up to DN 32 brass from DN 40 cast iron	NBR optional EPDM, FKM	up to DN 32 Hostaform C & brass from DN 40 brass	100 °C

Sonderausführung

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

