

PRESSURES

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

CONNECTIONS

Female thread acc. ISO 228 (G 1/2" up to G 2")
Optionally with NPT-thread

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

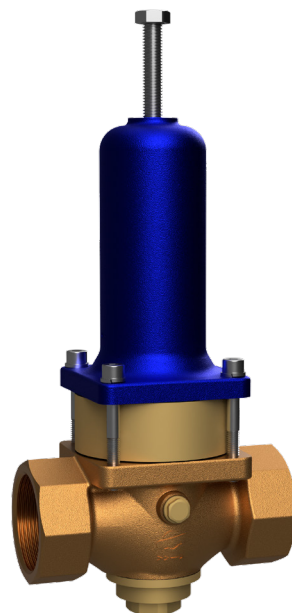
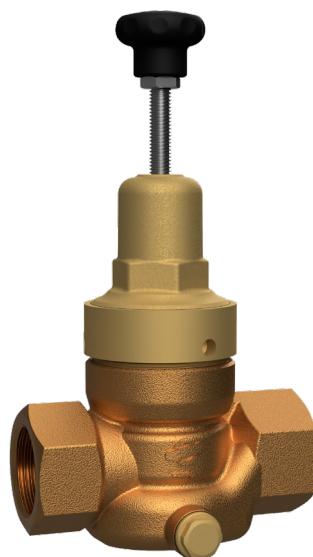
- inlet pressure compensation
- piston-controlled
- continuously adjustable outlet pressure
- with integrated strainer filter
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting (for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure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



Nimonal size	15	20	25	32	40	50
G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"

Type A B

max. inlet pressure [bar]

DRV 324	40	25
DRV 325	40	25

outlet pressure [bar]

DRV 324	1,5 - 12	1,5 - 12
DRV 325	2,0 - 20	2,0 - 20

dimensions [mm]

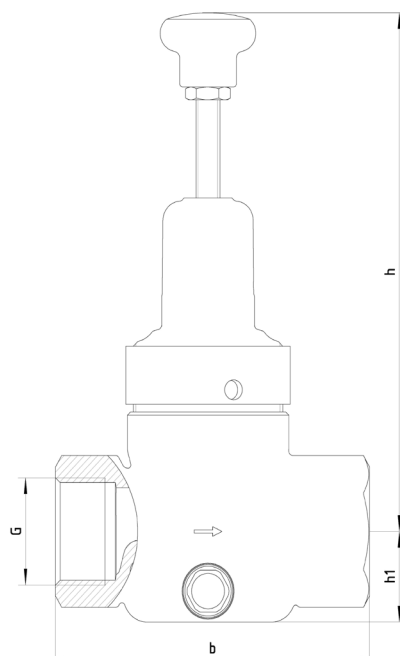
	G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
all types	b	85	85	105	120	150	160
	h1	27	27	29	47	60	60
DRV 324		155	156	155	154	302	302
DRV 325	h	206	207	206	205	326	326

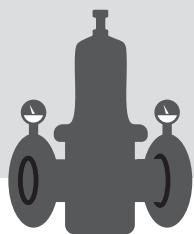
weight [kg]

DRV 324	1,1	1,2	1,5	1,8	7,0	7,3
DRV 325	1,4	1,5	1,9	1,9	7,0	7,3

kvs-value [m³/h]

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

Article numbers

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

Standard version

DRV 324	032402	032403	032404	032405	032406	032407
DRV 325	032502	032503	032504	032505	032506	032507

Special version

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

CC - connections

00 -	ISO 228	standard
30 -	NPT - ASME B1.20.1	

E - elastomers

0 -	NBR	standard
2 -	EPDM	
3 -	FKM	

M - material of wetted inner parts

0 -	brass / POM	standard up to DN 32
0 -	brass	standard up from DN 40
1 -	brass	DN 15 to DN 32
2 -	red bronze / VA	
5 -	red bronze / POM	only DN 15 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	3	2	5	0	4	-	3	0	1	3	0

inlet pressure: 25 bar
seals: FKM

outlet pressure: 13 bar
temperature: 130 °C

connection: 1" 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	seals	piston	wetted inner parts	max. temperature
standard	red bronze CC499K	up to DN 32 brass from DN 40 cast iron	NBR optionally EPDM, FKM	brass	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	brass	190 °C
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Flow diagram

