

PRESSURES

Inlet pressure	max. 16 bar
Outlet pressure	0,2 - 20 bar

CONNECTIONS

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

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

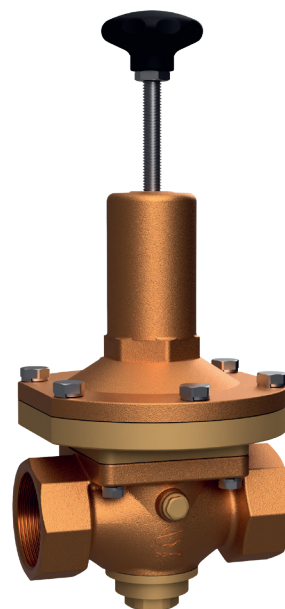
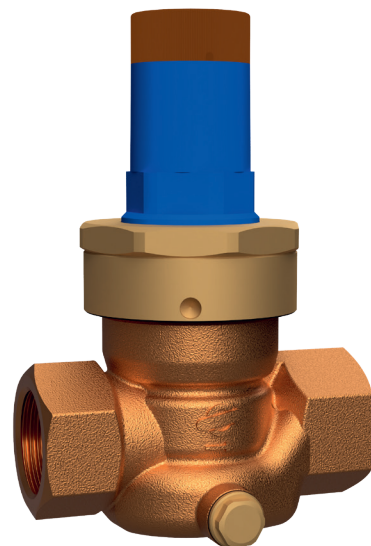
- pressure compensation
- diaphragm-controlled
- continuously adjustable outlet pressure
- with integrated strainer filter
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting
(for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure 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
G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"

Type

A

B

max. inlet pressure [bar]

DRV 350	16	16
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outlet pressure [bar]

DRV 350	0,2 - 2	0,2 - 2
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dimensions [mm]

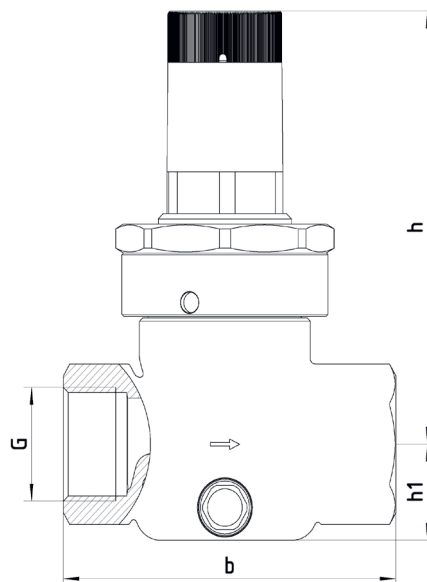
all types	G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	b	85	95	105	120	150	160
	h1	27	27	29	47	60	60
	h	128	130	127	128	309	309

weight [kg]

DRV 350	1,2	1,2	1,6	1,8	8,6	9,1
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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 350	035002	035003	035004	035005	035006	035007
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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

CC - connections			E - elastomers		
00 -	ISO 228	standard	0 -	NBR	standard
30 -	NPT - ASME B1.20.1		2 -	EPDM	
			3 -	FKM	only DN 15 to DN 32
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	3	5	0	0	7	-	3	0	0	2	0

inlet pressure: 6 bar
seals: EPDM

outlet pressure: 0,7 bar
temperature: 30 °C

connection: 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	stainless steel	0 - 10 bar	200 °C	009014

Materials

	body	spring bonnet	seals	wetted 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 ab DN 40 brass	100 °C

special version

high temperatur -HT	red bronze CC499K	brass	FKM	brass	190 °C
sea water -SW	red bronze CC499K	up to DN 32 PA6 from DN 40 cast iron	NBR	up to DN 32 Hostaform C & red bronze from DN 40 red bronze	100 °C

Flow diagram

