

PRESSURES

Inlet pressure	max. 16 bar
Outlet pressure	0,3 - 2 bar

CONNECTIONS

Flange connection acc. to DIN EN 1092 PN 40
Optionally ANSI or JIS

SEALS AND TEMPERATURES

PTFE / EPDM	-30 °C up to +150 °C
PTFE / EPDM / FEPM	+20 °C up to +200 °C

FEATURES

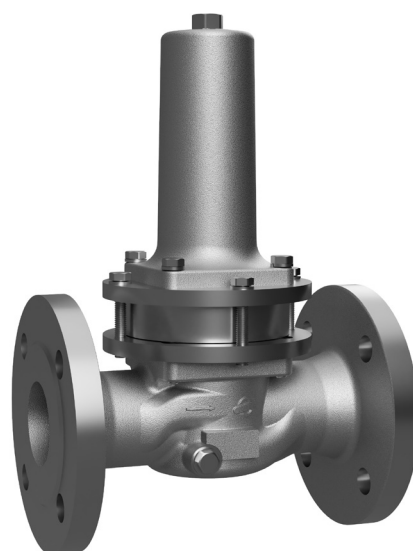
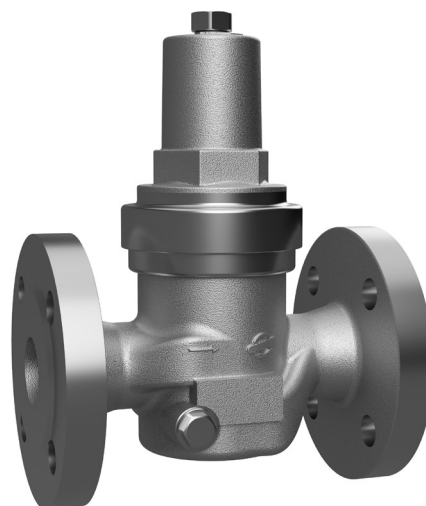
- pressure compensation
- piston-controlled
- continuously adjustable outlet pressure
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting
(for outlet pressure)
- assembly position: any desired, preferably vertical
- min. pressure difference (inlet / outlet pressure): 0,3 bar

MEDIA

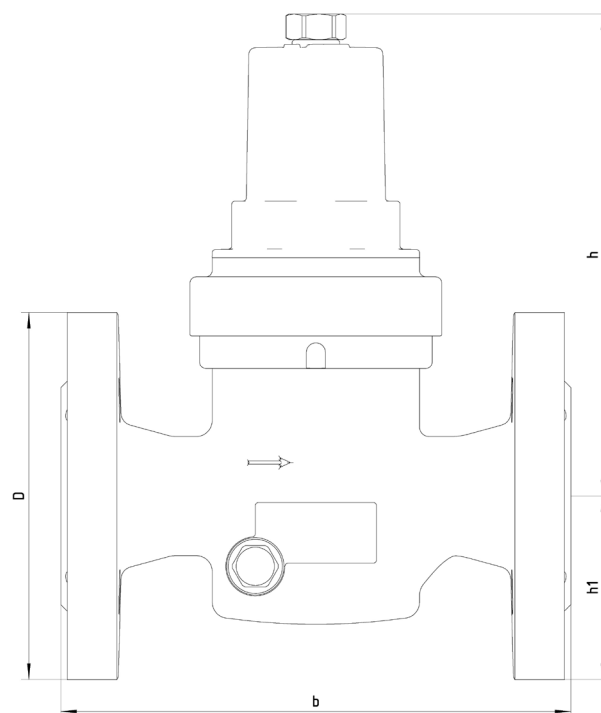
- hot water and steam
- aggressive water / other aggressive liquids
- air and neutral gases (at higher flow rates)

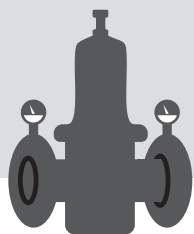
CONFORMITY / CUSTOMS TARIFF NUMBER / CLASSIFICATION SOCIETIES

- DGRL 2014/68/EU
- Customs tariff number 848 110 19
- Certifiable by external classification societies
e.g. DNV



Nominal size	15	20	25	32	40	50
Type	A				B	
max. inlet pressure [bar]						
DRV 830-D	16				16	
outlet pressure [bar]						
DRV 830-D	0,3 - 2				0,3 - 2	
dimensions [mm]						
DRV 830-D	b	130	150	160	180	200 230
	D	95	105	115	140	150 165
	h1	48	53	58	70	75 83
	h	150	150	151	151	262 262
weight [kg]						
DRV 830-D	3,8	4,6	5,8	7,0	13,0	14,5
kvs-value [m³/h]						
DRV 830-D	3,0	3,3	4,5	4,7	11,3	12,0





Article numbers and options / manometer and materials

Article numbers

Nominal size	15	20	25	32	40	50
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steam up to 150 °C

DRV 830-D	083002-000A0	083003-000A0	083004-000A0	083005-000A0	083006-000A0	083007-000A0
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steam up to 200 °C

DRV 830-D	083002-000B0	083003-000B0	083004-000B0	083005-000B0	083006-000B0	083007-000B0
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Options overview

C C - Connections

00 -	DIN EN 1092 PN 40	standard
61 -	ANSI B16.5 RF	class 150 lbs
75 -	JIS B2220 16K	

E - Elastomers

A -	PTFE / EPDM
B -	PTFE / EPDM / FEPM

M - materials wetted inner parts

0 -	stainless steel 1.4404
9 -	stainless steel 1.4404 (including internal parts of the spring cover)

F - finishes

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	8	3	0	0	7	-	6	1	0	B	0

inlet pressure: 3 bar
seals: PTFE / EPDM / FEPM

outlet pressure: 1,5 bar
temperature: 160 °C

connection: DN 50 ANSI B16.5 RF
without additional finishes

Manometer

diameter	connection	body	pressure range	max. temp.	art.no.
63 mm	G 1/4", central back	stainless steel	0 - 10 bar	200 °C	009014

Materials

	body	spring bonnet	seals	wetted inner parts	max. temperature
steam up to 150 °C	stainless steel 1.4408	stainless steel 1.4408	PTFE / EPDM	stainless steel 1.4404	150 °C
steam up to 200 °C	stainless steel 1.4408	stainless steel 1.4408	PTFE / EPDM / FEPM	stainless steel 1.4404	200 °C