

PRESSURES

Inlet pressure	max. 40 bar
Outlet pressure	0,5 - 9 bar

CONNECTIONS

Flange connection acc. DIN EN 1092
 ---- PN 40 (DN 15 - DN 50)
 ---- PN 25 (DN 65 - DN 80)
 ---- PN 16/25 (DN 100)
 Optionally all sizes with ANSI or JIS flanges

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

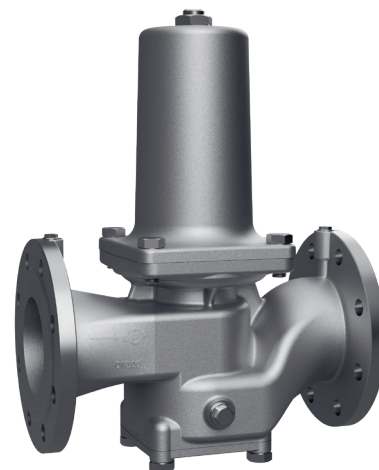
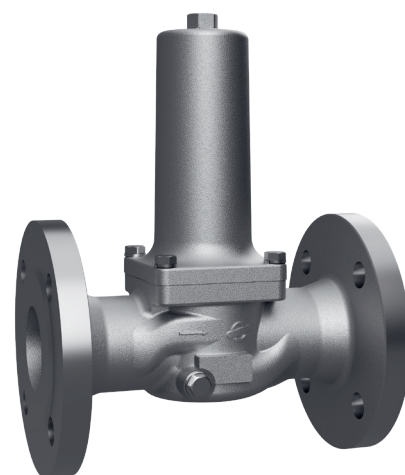
- pressure compensation
- diaphragm-controlled
- continuously adjustable outlet pressure
- with integrated strainer filter
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting (for outlet pressure)
- assembly position: any desired, preferably vertical
- min. pressure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

MEDIA

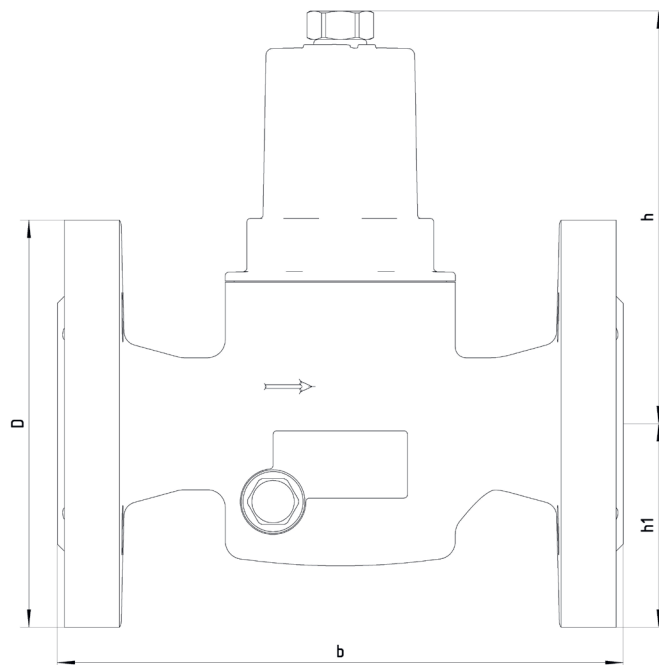
- aggressive water / other aggressive liquids
- air and neutral gases (at higher flow rates)

CONFORMITY / CUSTOMS TARIFF NUMBER / CLASSIFICATION SOCIETIES

- DGRL 2014/68/EU
- Customs tariff number 848 110 05 / 848 110 19
- Certifiable by external classification societies e.g. DNV



nominal size		15	20	25	32	40	50	65	80	100	100
Type		A				B		C			
max. inlet pressure [bar]											
DRV 872		40				40		25 16 25			
DRV 878		40				40		25 16 25			
outlet pressure [bar]											
DRV 872		0,5 - 4				0,5 - 4		0,5 - 4			
DRV 878		0,5 - 9				0,5 - 9		0,5 - 9			
dimensions [mm]											
all types	b	130	150	160	180	200	230	290	310	350	350
	D	95	105	115	140	150	165	185	200	220	235
	h1	48	53	58	70	75	83	127	127	127	127
	h	116	116	116	116	219	219	347	347	347	347
weight [kg]											
DRV 872		2,9	3,6	4,8	6,2	9,7	11,5	32,3	35,2	36,1	39,2
DRV 878		2,9	3,6	4,9	6,2	9,8	11,6	32,2	35,1	36,1	39,2
kvs-value [m³/h]											
all types		2,9	3,9	5,4	6,1	9	13	48	60	70	70





Article numbers and options / manometer and materials

Article numbers

nominal size	15	20	25	32	40	50	65	80	100 PN 16	100 PN 25
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Standard version

DRV 872	087202	087203	087204	087205	087206	087207	087208- 55080	087209- 55080	087210- 54080	087210- 55080
DRV 878	087802	087803	087804	087805	087806	087807	087808- 55080	087809- 55080	087810- 54080	087810- 55080

Options overview

C C - connections

00 -	DIN EN 1092 PN 40	standard bis DN 50
55 -	DIN EN 1092 PN 25	standard DN 65 - DN 80
54 -	DIN EN 1092 PN 16	
61 -	ANSI B16.5 RF	class 150 lbs
75 -	JIS B2220 16K	

E - elastomers

0 -	FKM	standard
1 -	NBR	
8 -	EPDM	with FDA conformity

M - material wetted parts

0 -	stainless steel 1.4404	standard
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	0	8	0	7	-	6	1	0	8	0
inlet pressure: 10 bar			outlet pressure: 4 bar			connection: DN 50 ANSI B16.5 RF					
seals: EPDM			temperature: 30 °C			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
63 mm	G 1/4", radial bottom	stainless steel	0 - 10 bar	200 °C	009018
63 mm	G 1/4", central back	stainless steel	0 - 25 bar	200 °C	009017
63 mm	G 1/4", radial bottom	stainless steel	0 - 25 bar	200 °C	009019

Materials

	body	spring bonnet	seals	wetted parts	max. temperature
standard version	stainless steel 1.4408	stainless steel 1.4408	EPDM, FKM, NBR	stainless steel 1.4404	190 °C

Flow diagram

