

PRESSURES

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

CONNECTIONS

Flange connection acc. DIN EN 1092
 ---- PN 40 (up to DN 50)
 ---- PN 25 (DN 65 - 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
FKM	-10 °C up to +190 °C

FEATURES

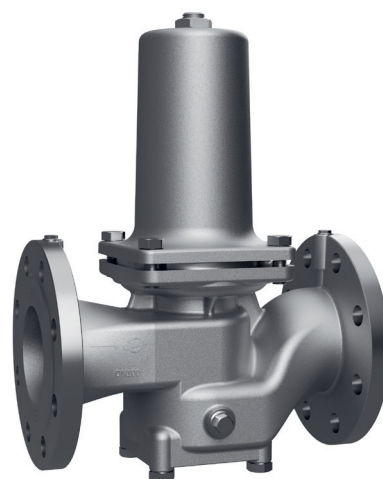
- pressure compensation
- diaphragm-controlled
- continuously adjustable outlet pressure
- with integrated strainer filter
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting (for outlet pressure)
- assembly position: any desired, preferably vertical
- min. pressure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

max. inlet pressure [bar]

DRV 824	40	40	25
DRV 825	40	40	-

outlet pressure [bar]

DRV 824	1,5 - 12	1,5 - 12	4,0 - 12
DRV 825	2,0 - 20	2,0 - 20	-

dimensions [mm]

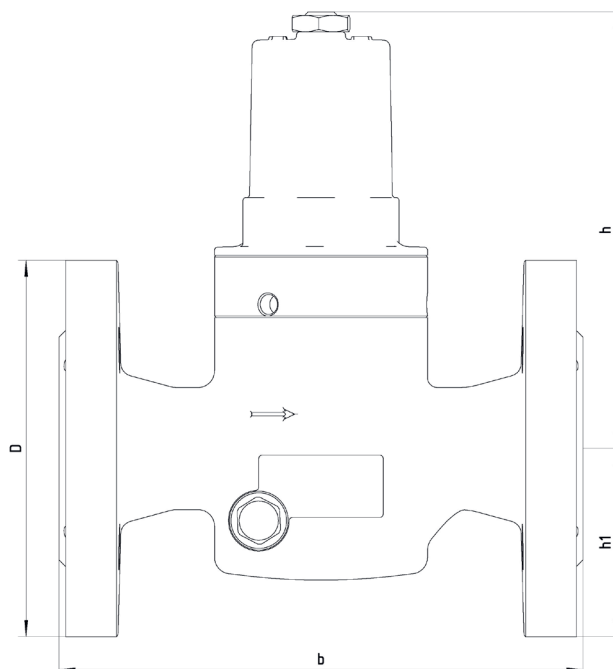
all types	b	130	150	160	180	200	230	290	310	350
	D	95	105	115	140	150	165	185	200	235
	h1	48	53	58	70	75	83	127	127	127
	h	135	134	135	137	247	247	354	354	354

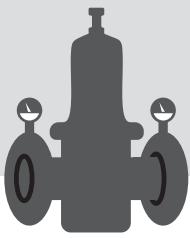
weight [kg]

DRV 824	2,9	3,6	5,3	6,7	11,2	13,0	34,5	37,4	41,4
DRV 825	3,0	3,7	5,4	6,7	11,2	13,0	-	-	-

kvs-value [m³/h]

all types	2,9	3,9	5,4	6,1	9	13	48	60	70
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Article numbers and options / manometer and materials

Article numbers

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

DRV 824	082402	082403	082404	082405	082406	082407	082408-00020	082409-00020	082410-00020
DRV 825	082502	082503	082504	082505	082506	082507	-	-	-

Options overview

C C - Connections			E - elastomers		
00 -	DIN EN 1092 PN 40	standard up to DN 50	0 -	FKM	DN 15 - DN 100
00 -	DIN EN 1092 PN 25	standard DN 65 - DN 100	1 -	NBR	DN 20 - DN 100
61 -	ANSI B16.5 RF	class 150 lbs	2 -	EPDM	DN 40 - DN 100
75 -	JIS B2220 16K				
M - material wetted parts			F - finishes		
0 -	stainless steel 1.4404	standard	0 -	without additional finishes	
9 -	stainless steel 1.4404 (including internal parts of the spring cover)				

Configuration example of an article number with additional options

art.no. standard version						-	C	C	M	E	F
0	8	2	5	0	7	-	6	1	0	2	0

inlet pressure: 25 bar
seals: EPDM

outlet pressure: 14 bar
temperature: 30 °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
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

