

PRESSURES

Inlet pressure	max. 25 bar
Outlet pressure	0,8 - 8 bar

CONNECTIONS

Flange acc. to DIN EN 1092
---- PN 40 from (DN 8 - DN 50)
Optionallly with ANSI or JIS

SEALS AND TEMPERATURES

NBR -15 °C up to +100 °C

FEATURES

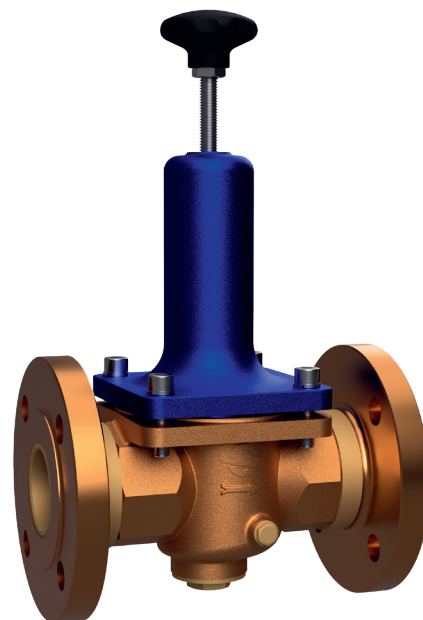
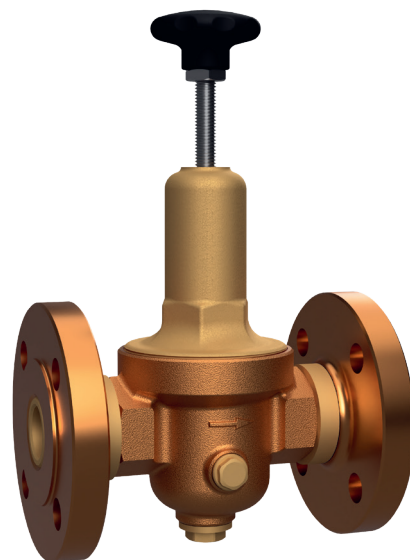
- non-pressure-relieved single seated valve
- diaphragm-controlled
- continuously adjustable outlet pressure
- highest reduction ratio 10:1
- double-sided G 1/4" manometer fitting (for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure difference (inlet - outlet pressure): 1 bar

MEDIA

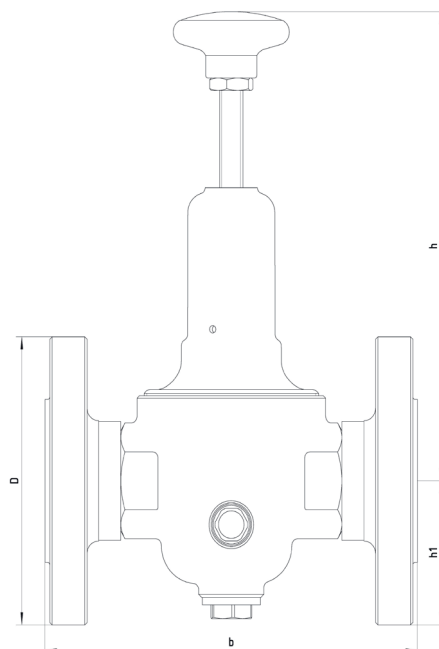
- compressed air and neutral gases
- water an neurtal liquids (at smaller flow rates)

CONFORMITY / CUSTOMS TARIFF NUMBER / CLASSIFICATION SOCIETIES

- DGRL 2014/68/EU
- Customs tariff number 848 110 99
- Certifiable by external classification societies e.g. DNV



Nominal size		8	10	15	20	25	32	40	50
Type		A					B		
max. inlet pressure [bar]									
DRV 230		25					25		
DRV 230 G		25					25		
outlet pressure [bar]									
DRV 230		1,5 - 8					1,5 - 8		
DRV 230 G		0,8 - 8					0,8 - 8		
dimensions [mm]									
all types	DN	80	90	95	105	115	140	150	165
	b	130	130	130	150	160	180	200	230
	h1	48	48	48	53	58	70	75	83
	h	118	122	143	143	186	263	262	305
weight [kg]									
DRV 230		1,9	1,9	2,8	3,7	4,9	8,6	9,5	14,3
DRV 230 G		1,9	1,9	2,8	3,7	4,9	8,6	9,5	14,9
kvs-value [m³/h]									
all types		0,5	0,6	1,2	1,3	1,6	4,2	4,5	7,2





Article numbers and options

Article numbers

Nominal size	8	10	15	20	25	32	40	50
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Standard version

DRV 230	023020	023021	023022	023023	023024	023025	023026	023027
DRV 230 G	023120	023121	023122	023123	023124	023125	023126	023127

Options overview

CC - connections			E - elastomers		
00 -	DIN EN 1092 PN 40	standard	0 -	CR / NBR	standard
61 -	ANSI B 16.5 RF				
M - material of wetted inner parts			F - finishes (upon request)		
0 -	brass		0 -	without additional finishes	

Configuration example of an article number with additional options

art.no. standard version						-	C	C	M	E	F
0	2	3	0	2	3	-	6	1	0	0	0

inlet pressure: 10 bar
seals: CR/NBR

outlet pressure: 4 bar
temperature: 30 °C

connection: DN 20 ANSI B 16.5 RF
without additional finishes

Manometer

diameter	connections	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 inner parts	max. temperature
standard	red bronze CC499K	up to DN 32 brass from DN 40 cast iron	CR	brass	100 °C

Flow diagram

