

PRESSURES

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

CONNECTIONS

Flange connection acc. DIN EN 1092 PN 40
Optionallly with ANSI or JIS

SEALS AND TEMPERATURES

NBR -15 °C up to +100 °C

FEATURES

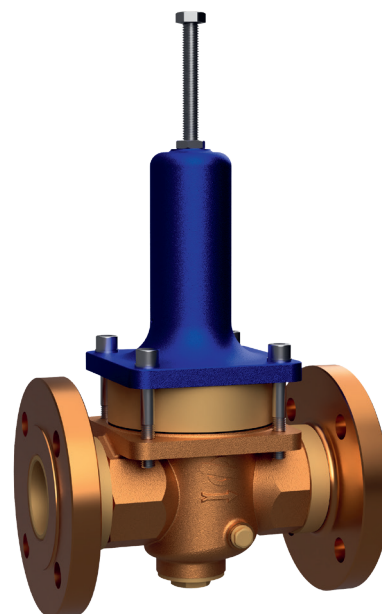
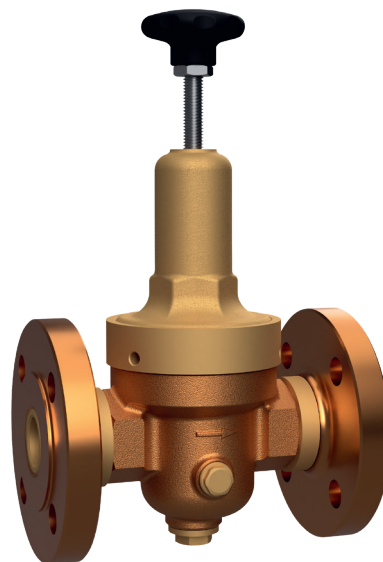
- non-pressure-reliefed single seated valve
- piston-controlled
- continuously adjustable outlet pressure
- highest reduction ratio 6:1
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting (for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure difference (inlet - outlet pressure): 1 bar

MEDIA

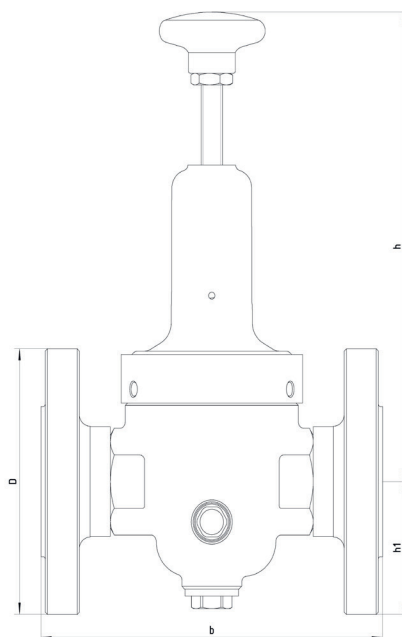
- compressed air and neutral gases
- water and neutral liquids (at smaller flow rates)

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 235		40					40		
outlet pressure [bar]									
DRV 235		1,5 - 20					1,5 - 20		
dimensions [mm]									
all types	D	80	90	95	105	115	140	150	165
	b	130	130	130	150	160	180	200	230
	h1	48	48	48	53	56	70	75	83
	h	147	147	181	181	201	302	332	329
weight [kg]									
DRV 235		1,2	1,2	3,5	4,4	5,8	10,9	12,1	17,5
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 235	023520	023521	023522	023523	023524	023525	023526	023527
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Options overview

CC - connections			E - elastomers		
00 -	DIN EN 1092 PN 40	standard	0 -	NBR	standard
61 -	ANSI B 16.5 RF				
M - material of wetted inner parts			F - finishes (upon request)		
0 -	brass	standard	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	5	2	7	-	6	1	0	0	0

inlet pressure: 30 bar
seals: NBR

outlet pressure: 7 bar
temperature: 30 °C

connection: DN 50 ANSI B 16.5 RF
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	steel	0 - 25 bar	60 °C	009004
63 mm	G 1/4", central back	stainless steel	0 - 10 bar	200 °C	009014
63 mm	G 1/4", central back	stainless steel	0 - 25 bar	200 °C	009017

Materials

	body	spring bonnet	seals	wetted inner parts	max. temperature
standard	red bronze CC499K	up to DN 25 brass from DN 32 cast iron	NBR	brass	100 °C

Flow diagram

