



DRV 830-D
 Type A (DN 15 - DN 32)



DRV 830-D
 Type B (DN 40 - DN 50)



Pressure reducing valve
Flange • Steam
Stainless steel

Pressure reducing valves of the series are piston-controlled, spring-loaded pressure reducing valves. These valves are inlet pressure relieved.

Media

The pressure reducers are particularly suitable for use with hot water and steam, but can also be used in the case of aggressive water and other aggressive liquids. They are also suitable for air and neutral gases when larger flow rates are required.

DGRL 2014/68/EU



Classification societies

- DNV GL
- LR
- BV
- ABS
- CCS

Customs tariff number

84811019



Features

- pressure relieved single seated valve
- piston-controlled
- continuously adjustable outlet pressure
- max. inlet pressure up to 16 bar
- outlet pressure: 0.3 - 2 bar
- Flanges acc. to DIN EN 1092 PN 40
- optionally ANSI or JIS
- replaceable inner parts
- double-ended G 1/4" manometer fitting (for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure difference (inlet/outlet pressure): 0.3 bar

Pressures



max. 16 bar



0.3 - 2 bar

Connections



Flange connection
 acc. to DIN EN 1092 PN 40
 from DN 15 up to DN 50

Materials



Temperatures



Various options in the area of seals and wetted internal parts allow a maximum temperature of up to 200 °C.



from -30 °C up to +200 °C

Seals and temperatures

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

	body	spring bonnet	seals	wetted 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



Technical data

nominal size	15	20	25	32	40	50
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Type

A

B

Pressures

max. inlet pressure [bar]

max. 16 bar



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16

16

outlet pressure [bar]

0.3 - 2 bar



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0.3 - 2

0.3 - 2

Connections

dimensions [mm]

Flange connection
 from DN 15 up to DN 50



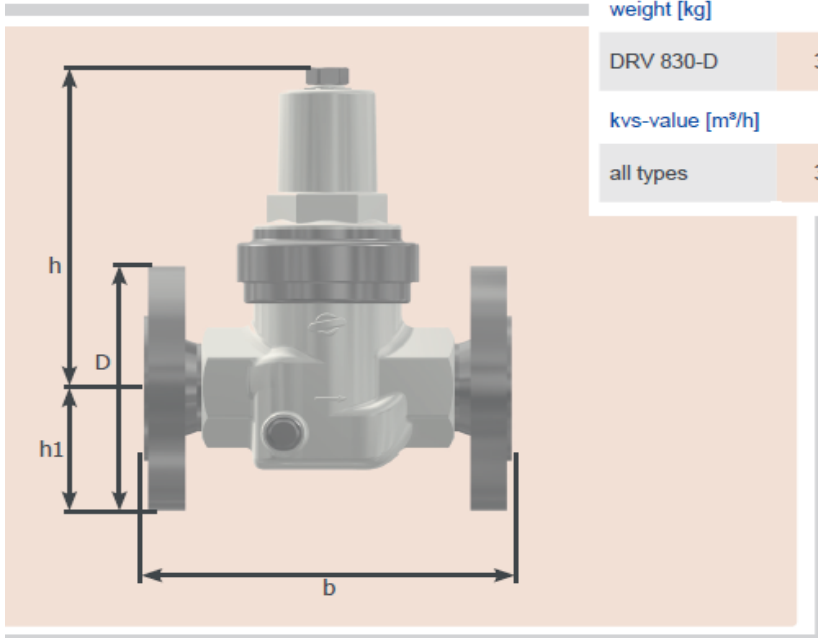
	b	130	150	160	180	200	230
DRV 830-D	D	95	105	115	140	150	165
	h1	48	53	58	70	75	83
	h	150	150	151	151	262	262

weight [kg]

DRV 830-D	3.8	4.6	5.8	7.0	13.0	14.5
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kvs-value [m³/h]

all types	3.0	3.3	4.5	4.7	11.3	12.0
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Options

CC - Connection

00 -	DIN EN 1092 PN 40	standard
61 -	ANSI B16.5 RF	class 150 lbs

M - materials wetted parts

0 -	stainless steel 1.4404	standard
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E - elastomers

A -	PTFE/ EPDM	steam up to 150 °C
B -	PTFE/ EPDM/ FEPM	steam up to 200 °C

F - finishes

0 -	without additional finishes
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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