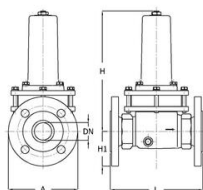


Pressure reducing valve Type 8938 stainless steel flange

A full stainless steel direct acting pressure reducing valve, especially designed for steam up to 200 °C. Also very much suited for applications involving liquids, air and neutral gases.

Due to a specially developed interior design fluctuating inlet pressures do not influence the reduced pressure because of the inbuilt pressure relief, which guarantees a constant outlet pressure. The piston operated trim makes it this pressure reducing valve very robust, and a long lifespan is guaranteed.



Characteristics

Series: DRV 832-D

Type: 8938

Model: Direct-acting

Connection: Flange

Maximum inlet pressure: 16 bar

Medium temperature: 20 / 200 °C

Suitable for gases: 1

Housing material: Stainless steel

Material quality: 1.4408

Material disc: 1.4404

Seat material: 1.4404

Membrane material: 1.4404

Spring material: Stainless steel

Material spring bonnet: 1.4408

With couplers: No

Backflow preventer: No

Technical Information

- Downstream pressure ranges:
- 0.3 - 2.0 bar.
- 2.0 - 5.0 bar.
- 4.0 - 10.0 bar.
- Maximum pressure reducing ratio 53 : 1.
- Capacity rangeability ratio 20 : 1.
- Minimum reduced pressure 0.3 bar.
- Minimum pressure difference 1 bar.

Approval

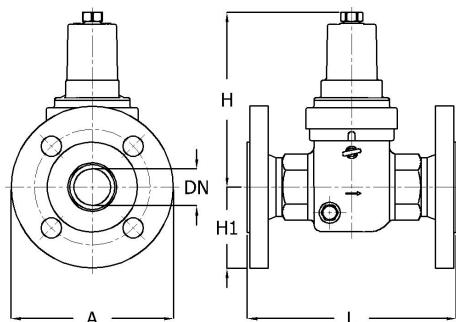
- CE DGRL 2014/68/EU.
- DNV GL.
- Lloyd's Register.
- Bureau Veritas.
- American Bureau of Shipping.
- CCS.

Application

- Steam up to 200 °C.
- Hot water.
- Various fluids (please check on chemical resistancy).
- Air.
- Neutral gases.

Size table:

DN	P bar	A mm	H mm	H1 mm	L mm	Weight kg
DN15	0.3 / 2	95	150	48	130	3.8
DN15	4 / 10	95	116	48	130	2.9
DN15	2 / 5	95	116	48	130	2.9
DN20	4 / 10	105	116	53	150	3.6
DN20	2 / 5	105	116	53	150	3.6
DN20	0.3 / 2	105	150	53	150	4.6
DN25	0.3 / 2	115	151	58	160	5.8
DN25	4 / 10	115	116	58	160	4.9
DN25	2 / 5	115	116	58	160	4.8
DN32	2 / 5	140	116	70	180	6.2
DN32	0.3 / 2	140	151	70	180	7
DN32	4 / 10	140	116	70	180	6.2
DN40	4 / 10	200	219	75	200	9.8
DN40	2 / 5	200	219	75	200	9.7
DN40	0.3 / 2	200	262	75	200	13
DN50	4 / 10	165	219	83	230	11.6
DN50	0.3 / 2	165	262	83	230	14.5
DN50	2 / 5	165	219	83	230	11.5



Nominal inner diameter	Capacity type	Kvs value m³/h	Reduced pressure range bar	Article
DN15	Standard	3.6	0.3 / 2	14279660
DN15	Standard	3.6	4 / 10	14279672
DN15	Standard	3.6	2 / 5	14279666
DN20	Standard	4.1	4 / 10	14279673
DN20	Standard	4.1	2 / 5	14279667
DN20	Standard	4.1	0.3 / 2	14279661
DN25	Standard	5.3	0.3 / 2	14279662
DN25	Standard	5.3	4 / 10	14279674
DN25	Standard	5.3	2 / 5	14279668
DN32	Standard	5.6	2 / 5	14279669
DN32	Standard	5.6	0.3 / 2	14279663
DN32	Standard	5.6	4 / 10	14279675
DN40	Standard	13.3	4 / 10	14279676
DN40	Standard	13.3	2 / 5	14279670
DN40	Standard	13.3	0.3 / 2	14279664
DN50	Standard	14	4 / 10	14279677
DN50	Standard	14	0.3 / 2	14279665
DN50	Standard	14	2 / 5	14279671

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