

# Pressure Reducing Valve

## Model: SD-91430K

The pressure reducing valves series SD-91430 are suitable for reduction and control of pressure in plants. It can be installed in both vertical and horizontal direction.



## Product Specifications:

Working Pressure	PN25
Working Temperature	0°C ~ 80°C, 0°C ~ 130°C*
Max. Inlet Pressure	25 bar
Field of Action (Outlet Pressure)	1 - 5, 5 bar
PS Value Set during Test	3 bar
Outlet PS Tolerance	± 10%
Max. Temperature of Use	0°C (excluding ice), 130°C*
Threads	ISO 228/1
Gauge of Connection	BS EN 10226- Rp1/4" (ex ISO 7/1)
Suitable Fluids	Water, Glycolate Solutions (glycol 50%), Compressed Air (no oil mist)
Test	Kitemark approved in compliance with the limits defined by EN 15671



# Pressure Reducing Valve

## Product Dimensions:

### Pressure Reducing Valve

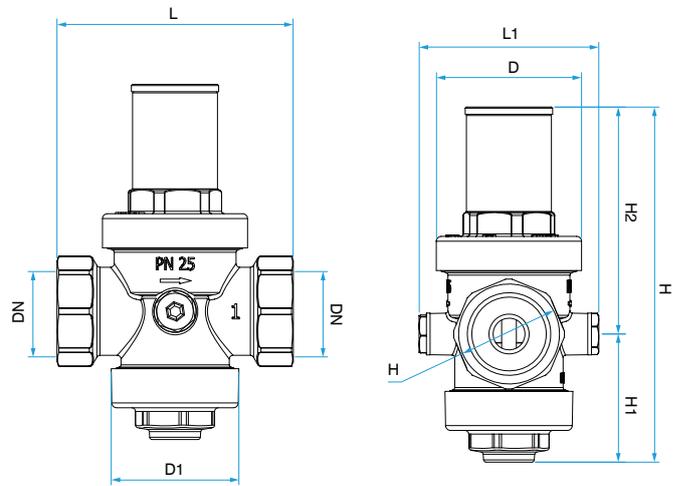
DN	D	D1	L	L1	H	H1	H2
15	Ø48	Ø44	69	63	114	42	72
20	Ø48	Ø44	82	63	114	42	72
25	Ø59	Ø52	96	73	145.5	52.5	93

NOTE: Dimensions are in mm

### Drawing Specification

No.	Part	Material
1	Body	Nickel Plated
2	Inner Parts	Brass Alloy
3	Seat	Brass Alloy
4	O Rings	Stainless Steel
5	Threads	NBR 70 SH, VITON 70 SH*
6	Bonnet	ISO 228

\* SD-91430-K Body Material Brass alloy is also available upon request.



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## Miscellaneous Data:

### 1. Ordering Information

Example: SD-91430K-20

- SD-91430K is the part number
- (20) Size

### 2. Contact Information

For further information on any aspect of the SHIELD Valves products please contact below:

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