

### PRESENTATION:

Brass overflow valve suitable for the use with different types of fluids.

In the standard version the product is designed to operate with pressures up to 50 bar.

The control of the inlet pressure is realized by means of a:

- › diaphragm up to 15 bar;
- › piston for pressure above 15 bar.

### USE:

Compressed air, gas and liquids

### CONNECTIONS:

3/4" - 1"  
(DIN and ANSI flanged connections available on request)

### OVERFLOW VALVE FEATURES:

Inlet pressure	0,2 ÷ 50 bar
Operating temperature	- 20°C + 60°C
Kv nominal	4,93 m <sup>3</sup> /h (UNI 60534-2)
Weight	~5,4 Kg (with diaphragm) ~9,1 Kg (with piston)

The product is compliant with PED Directive 2014/68/UE

### MATERIALS:

Body	Brass
Bonnet	Aluminum
Internal parts	Brass
Adjusting spring (not in contact with the fluid)	C85
O-Ring and shutter gasket (different compounds available on request)	NBR (for pressure above 30 bar, PA66 gasket)
Piston	Brass
Diaphragm	NBR+PTFE

### MAINTENANCE KIT:

KS21D repair kit available on request.

Kit contains: shutter assembly, O-ring and diaphragm assembly.



### Note

Chemical compatibility fluids/materials, has to be verified at RFQ stage with ODE sales dept.

"ODE" reserves the right to carry out technical and aesthetic modifications without prior notice.

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Model

**Connections**

Q	0	G 3/4 - F
R	0	G 1 - F
X	0	3/4 NPT - F
Y	0	1 NPT - F
0	1	SO ANSI 150 RF 1"1/2
0	2	EN1092-1/01B/DN25/PN16

**Overflow pressure**

A	0	0,2 ÷ 1,5 bar
B	0	0,3 ÷ 3 bar
D	0	0,8 ÷ 8 bar
E	0	1,5 ÷ 15 bar
F	0	3 ÷ 30 bar
G	0	5 ÷ 50 bar

**Seal**

9	5	NBR CAT.I
1	5	FPM use O <sub>2</sub> CAT.II
1	7	NBR for liquids
1	8	EPDM for liquids
1	9	FPM for liquids
8	9	EPDM CAT.I
9	0	EPDM CAT.II
9	2	FPM CAT.I
9	3	FPM CAT.II
9	6	NBR CAT.II

**Accessories**

0	0	-
0	4	Fixed calibration
0	5	Precalibrated
0	6	With pressure gauge
0	8	Degreased use O <sub>2</sub>
1	6	O-Ring FDA compliance

**Certifications**

R	0	CE
U	0	CE+Atex 2014/34/UE <sup>(1)</sup>
Y	0	CE+EAC TR CU 032/2013 <sup>(1)</sup>
V	0	CE+EAC TR CU 012/2011 <sup>(1)</sup>

<sup>(1)</sup> version certifiable on request

**standard versions**

versions available on request

**DIMENSIONS:**

version with connections 3/4 " ÷ 1"

BRACKET TO BE ORDERED SEPARATELY

Model	H mm	L1 mm	L2 mm
Diaphragm	~ 289	~ 50	~ 80
Piston	~ 314	~ 73	~ 103

For other versions, please contact ODE Sales Office