



## PRESENTATION:

Brass pressure reducer 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 outlet pressure is realized by means of a:

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

**USE:** Compressed air, gas and liquids

**CONNECTIONS:** 3/4" ÷ 1"  
(DIN and ANSI flanged connections available on request)

## PRESSURE REDUCER FEATURES:

Inlet pressure	up to 50 bar
Outlet pressure	0,2 ÷ 50 bar
Kv nominal	9,76 m <sup>3</sup> /h (UNI 60534-2)
Operating temperature	- 20°C + 60°C
Shutter leakage class	class A (EN 12266-1)
Weight	~5,7 Kg (with diaphragm) ~8 Kg (with piston)

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

## MATERIALS:

Body	Brass
Bonnet	Aluminum
Internal parts	Brass
Shutter spring	AISI 302
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, PUR gasket)
Piston	Brass
Diaphragm	NBR+PTFE

## MAINTENANCE KIT:

KR21D 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	2	EN1092-1/01B/DN25/PN40
0	4	EN1092-1/01B/DN25/PN63
0	5	EN1092-1/01B/DN40/PN40

**Inlet pressure**

E	0	50 bar
D	0	30 bar
N	0	60 bar
F	0	40 bar

**Outlet pressure**

A	0	0,2 ÷ 1,5 bar <sup>(2)</sup>
B	0	0,3 ÷ 3 bar <sup>(2)</sup>
D	0	0,8 ÷ 8 bar <sup>(2)</sup>
E	0	1,5 ÷ 15 bar
F	0	3 ÷ 30 bar <sup>(3)</sup>
G	0	5 ÷ 50 bar <sup>(3)</sup>
G	G	1 ÷ 50 bar (with piloted version)

<sup>(2)</sup> only with inlet P 30 bar  
<sup>(3)</sup> only with inlet P 50 bar

**Pilot operated**

N	Not piloted
P	Piloted

**Accessories**

0	0	-
0	4	Fixed calibration
0	5	Precalibrated
0	6	Without pressure gauge
0	8	Degreased use O <sub>2</sub>
1	1	Conveyed exhaust
1	6	O-Ring FDA compliance

**Certifications**

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

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

**Seal**

9	7	NBR
A	A	FPM for liquid hydrocarbons
0	1	NBR with relieving
1	5	FPM use O <sub>2</sub>
1	7	NBR for liquids
1	8	EPDM for liquids
1	9	FPM for liquids
9	8	EPDM
9	9	FPM

**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	~ 291	~ 50	~ 80
Piston	~ 316	~ 73	~ 103

For other versions, please contact ODE Sales Office