

# R2010

Chrome-plated brass pressure regulator  
suitable for laboratory use



## FEATURES

Pressure regulator for inlet pressure up to 20 bar (290 psi).

Inlet connection suitable for ID Insert Deal "Presa Universale", outlet connection G $\frac{1}{4}$ "F port in the body.

Different connections available on request.

Suitable for laboratory applications because the pressure regulation is attained by a stainless steel diaphragm.

Available the EAC-EX TP TC 012/2011 versions for the Russian market.

The product complies with the 2014/68/EU PED directive.

Chrome-plated regulator body.

Outlet pressure gauge accuracy class 1,6.

## **SPECIFICATIONS**

Weight: 900 g (~2 lb)

Operating temperature: -20 °C ÷ +60 °C (-4 °F ÷ +140 °F) for standard version

Main valve leakage classification: VI (bubble tight)

Flow coefficient:  $K_v = 0.04 \text{ Nm}^3/\text{h}$   $C_v = 0.05 \text{ US gal/min}$

Degree of protection: IP25

Outlet pressure gauge port: G ¼

## **MATERIALS**

Body and bonnet: brass

Internal parts: brass

Adjusting knob: ABS

Main valve spring: stainless steel AISI 304

Adjusting spring: C85 (not in contact with the fluid)

Diaphragm: stainless steel AISI 316L

O-Ring: FPM or EPDM, depending on the fluid (other compounds available on request)

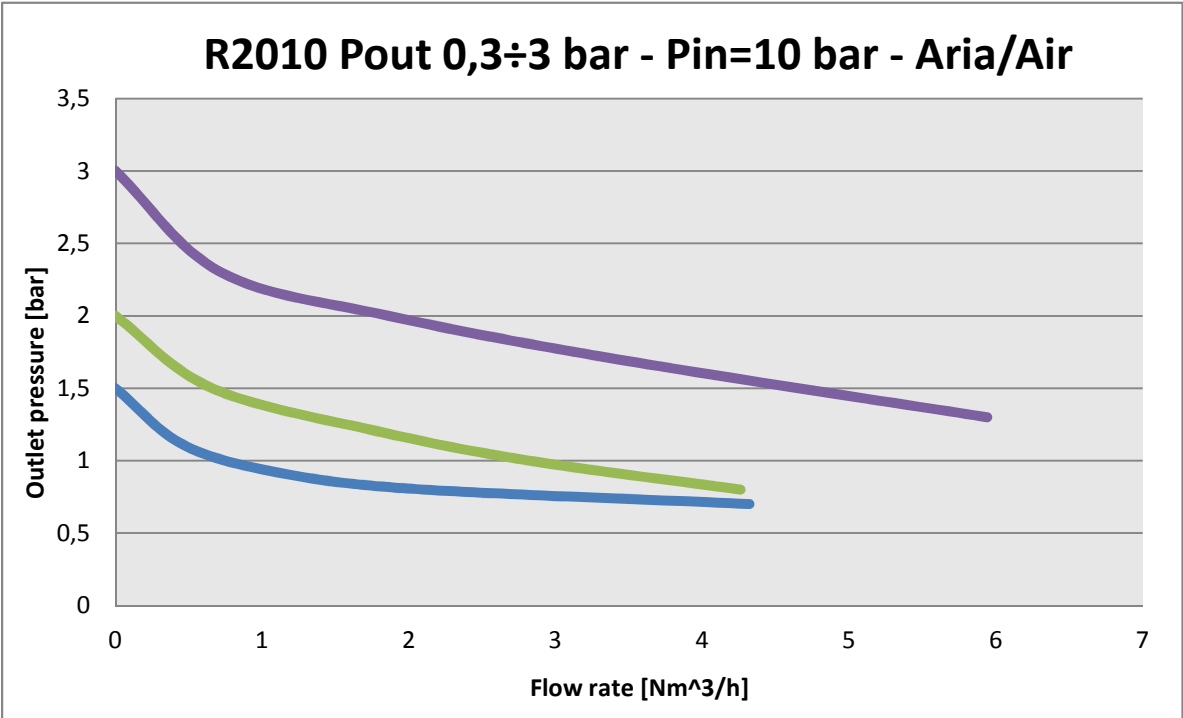
Main valve gasket: FPM or EPDM, depending on the fluid (other compounds available on request)

## **OPTIONAL**

“Presa universale”, chrome plated brass and stainless steel panel

## **SPARE PARTS**

Complete kit: assembled diaphragm, filter, main valve, o-rings, gauges



## generating the product code

| REGOLATORE R2010 IN OTTONE |                                     |    |                                           |
|----------------------------|-------------------------------------|----|-------------------------------------------|
| AA BB CC DD E FF           |                                     |    |                                           |
| AA                         | Attacchi / Connections              | 01 | IN attacco presa universale - OUT G 1/4-F |
| BB                         | Pressione ingresso / Inlet pressure | C0 | PS 20 bar                                 |
| CC                         | Intervallo uscita / Outlet range    | A0 | MOD A Pout 0,2 - 1,5 bar                  |
|                            |                                     | B0 | MOD B Pout 0,3 - 3 bar                    |
|                            |                                     | D0 | MOD C Pout 0,8 - 8 bar                    |
|                            |                                     | E0 | MOD D Pout 1,5 - 15 bar                   |
| DD                         | Tipologia di fluido / Fluid type    | 15 | O2                                        |
|                            |                                     | 98 | EPDM                                      |
|                            |                                     | 99 | FPM                                       |
| E                          | Marchiato / Marked                  | I  | ID                                        |
| FF                         | Accessori / Accessories             | 00 | Nessun accessorio                         |

## CODE COMPOSITION EXAMPLE

**2010#01 C0 D0 15 I 00**

**2010#:** brass regulator R2010

**01:** “presa universale” inlet connection – outlet connection G ¼-F

**C0:** maximum inlet pressure 20 bar

**D0:** outlet pressure range 0,8-8 bar

**15:** oxygen use

**I:** ID

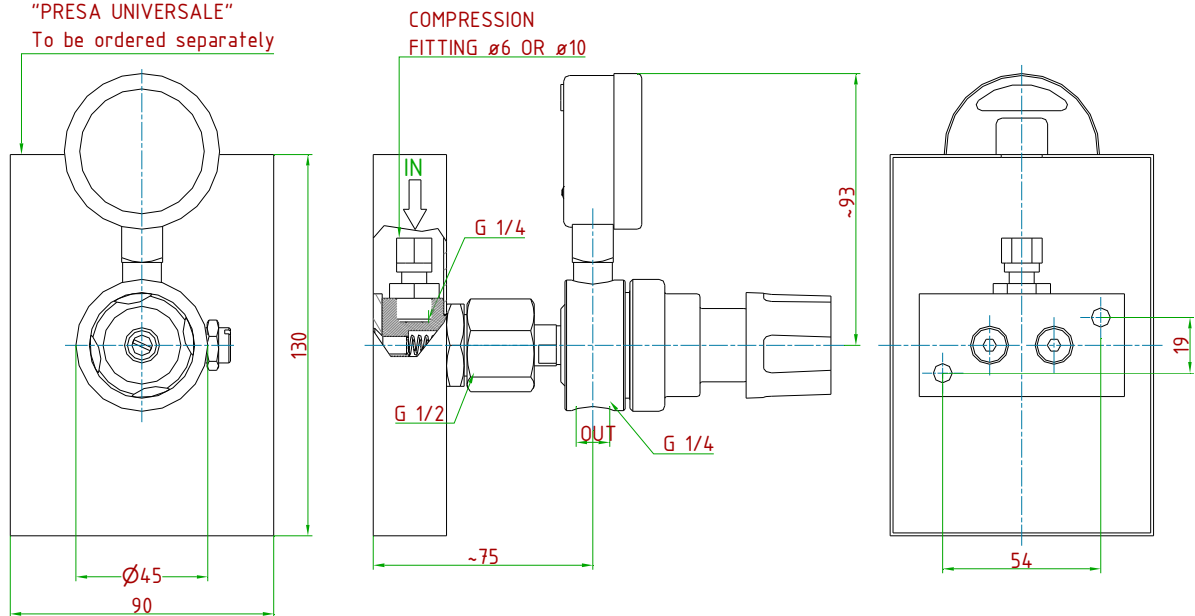
**00:** No optional

## technical drawings (all dimensions in mm)

### STANDARD VERSION

CONNECTION: inlet "PRESA UNIVERSALE" - outlet G 1/4-F

"PRESA UNIVERSALE"  
To be ordered separately

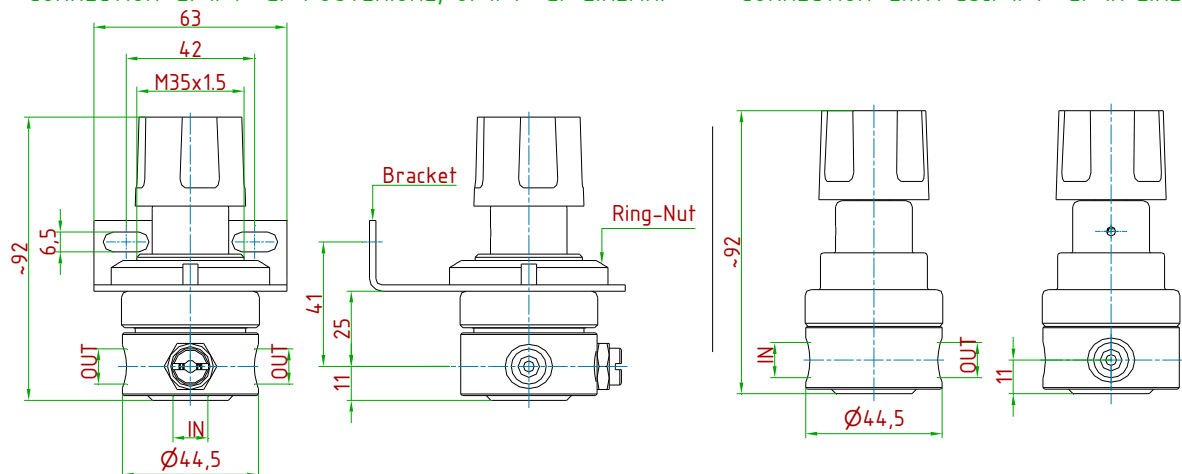


### SPECIAL VERSIONS

For Bracket and Ring-Nut order special version

CONNECTION: E. 1/4" GF POSTERIORE, U. 1/4" GF LINEARI

CONNECTION: Entr.-usc. 1/4" GF IN LINEA



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**PRESSURE REGULATOR\_R2010\_EN\_02**



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Company with certificated quality management system.  
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