



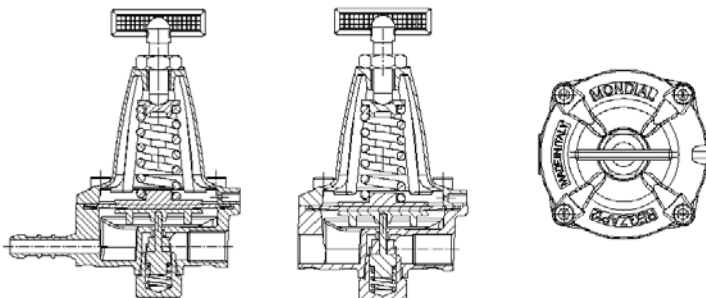
SISTEMI E COMPONENTI PER IMPIANTI IDROTERMICI

HIGH PRESSURE REGULATOR Mod. ZAP 12 FOR INDUSTRIAL AND DOMESTIC USE

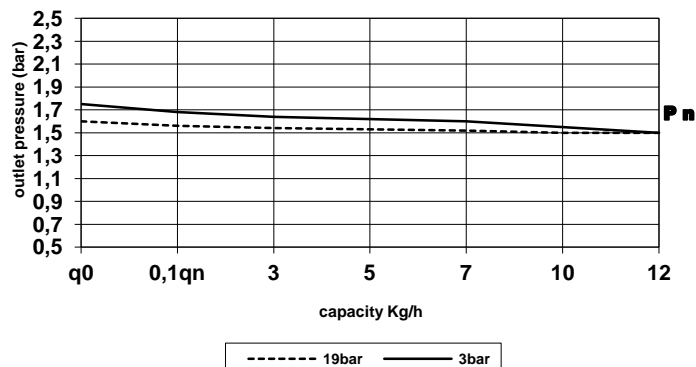
SERIE : E 2240

Mod. with exit
fixed hose Ø 10

Mod. with exit
threaded G 1/4" F



Rid. AP 12 kg/h mod. ZAP 12
outlet standard pressure (Pn) = 1,5 bar



TECHNICAL INFORMATION

High pressure reducer for gaseous fluids, butane gas, propane, natural gas and compressed air (and their mixture).

Capacity : 12 Kg/h

Working pressure: adjustable 0÷4 bar or 0÷6 bar or Fixed Calibration

Supply pressure: max 16 bar

Safety valve (when present): calibrated between 1,25 and 2 times the maximum working pressure

Working temperature : -20° ÷ +50° C

Fillet entry : Female G 1/4" (or connecting for bottle)

Fillet out : Female G 1/4" (or hose)

HOW TO USE IT

This reducer can be used as 1st stage regulator.

This product is predisposed for gauge and safety valve (or they are already assembled).

If this regulator has safety valve and screw for external calibration, it must not be fixed at an outlet pressure higher than calibration of the safety valve.

In this case, it is possible to have intervention of safety valve.

INSTALLATION INSTRUCTION

The regulator must be installed by controlling the flow direction (see the arrow). Before starting and operating the system it is important to verify that it is cleaned from any residues (welding, residual filing, etc.) that could damage the regulator or gas appliances.

Check out the lack of water in the reservoir or in the system.

The check for leaks (in the system connections) must be performed only with specific product (spray foam).

NEVER USE FLAMES !

Make sure that the vent hole in the cover be always clean and free.

In cases where the regulator had exit hose, it is imperative to fix the hose to the pipe with good hose clamps.

Also verify the integrity of the pipe, expiration date and, after the assembly, does not form curves choked.

To avoid possible formations inside the regulator we recommend the installation with the membrane perpendicular to the ground.

If the regulator is equipped with safety valve, it is advisable to mount it with it faces the ground to prevent formation of condensation.

CALIBRATION

The reducer comes with screw adjustment and locking nut.

Screw the nut on the steering wheel adjustment.

Screw the wheel adjustment in the threaded hole on the cover of reducer until the desired pressure.

Screwing to increase output pressure or unscrewing to decrease.

N.B.: Do not exceed the pressure indicated on the regulator!

MATERIALS

Body and Cover in Zinc alloy (Zamak).

Body protected galvanically with tropicalized.

Cover protected by epoxy powder coating.

Membrane in NBR rubber in accordance to EN 549, reinforced with cloth.

Other rubber components in accordance to EN 549.

NOTES

Upon request, outlet pressures can be customized.

Do not use the regulator to different pressure from those indicated.

Calibration and tightness are verified in production.

The diameter of the pipe between the regulator and plant usage, it must be appropriately proportionate to their length, to secure capacity request.

(See drop pipelines).