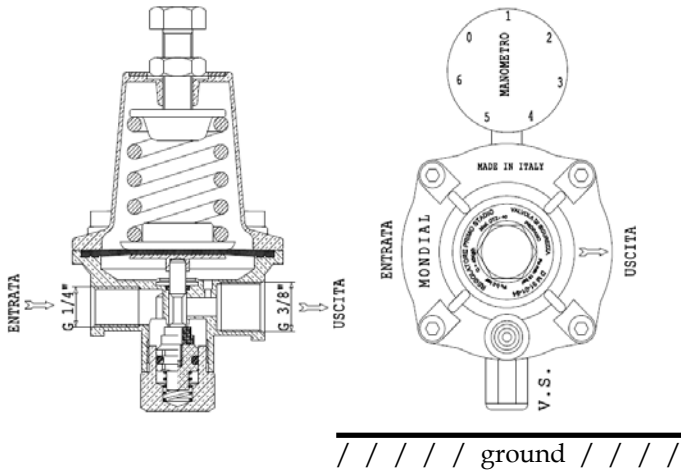




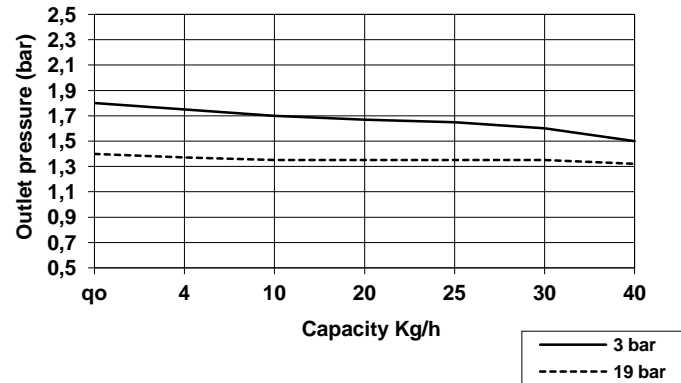
SISTEMI E COMPONENTI PER IMPIANTI IDROTERMICI

HIGH PRESSURE REGULATOR Mod. OTZ 40 FOR INDUSTRIAL AND DOMESTIC USE

SERIE : 2800



Rid. AP 40 kg/h mod. OTZ 40
outlet standard pressure (Pn) = 1,5 bar



TECHNICAL INFORMATION

LPG high pressure regulator for Butane, Propane and their mixtures

Capacity : 40 Kg/h

Factory calibration : 1,5 bar or fixed setting

Adjustment possibilities : 0 ÷ 3 bar or fixed setting depending on the model

Safety valve (if equipped) : calibrated between 1.25 and 2 times the maximum operating pressure.

Inlet pressure : max 16 bar

Working temperature range : -20° ÷ +50° C

Inlet : Thread Female G 1/4" (or gas bottle connection)

Outlet : Thread Female G 3/8"

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 it that is cleaned from any residues (welding, residual filling, 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 malfunction of the regulator is recommended vertical installation, with the output facing down.

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 regulator is calibrated during production at standard pressure of 1,5 bar and is then ready for use without any intervention. If necessary, it is possible to adjust the setting by turning the adjustment screw, after unlocking the nut. To increase the outlet pressure screw clockwise, to decrease the outlet pressure unscrew counterclockwise.

It is recommended to tighten the nut at the end of calibration.

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

MATERIALS

Body in Brass.

Cover in Zinc alloy (Zamak).

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 pressures 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).

If the regulator is installed on an underground tank, connect the vent hole of the cover, to a pipe, bring it outside and to protect it from penetration of dirty and water. (To do this, cut off the top of the vent cup and insert a Ø 6 mm pipe into the cap).