

# galassi & ortolani s.p.a.

valvole speciali per l'industria

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## **Instruction Manual**

### **Pinch Valve model GS.1**

The GS.1 pinch valves are manually closed at balanced pressure and with minimum distortion of the elastic coupling which, however, is perfectly cylindrical when the valve is fully open. The elastic coupling (made in a single piece) comprises two end flanges which need no further packing but ensure that the packing between valve and pipe, or between valve and the container to which it is mounted, gives a perfect seal.

#### **To replace the coupling:**

1. Open the valve.
2. DN.20 to DN.60 : remove the coupling tongues from their position in the "spider" (part.16).  
DN.70 to DN.200 : unscrew and remove the socket head screws and washers (part.18-19).
3. Loosen the nuts and take out the washers (part.4-5).
4. Lift off the top section consisting of the plug, cross piece, screw and handwheel.
5. Remove the bottom section consisting of the plug and its two stay rods.
6. Loosen and remove bolts, nuts, washers (part.13-14-15) from the valve body; open the valve, take out the coupling and put in the new one.

#### **To re-assemble:**

Proceed in the reverse order.

**N.B.** All part numbers will be found in our technical and parts catalogue.