

# galassi & ortolani s.p.a.

valvole speciali per l'industria

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## **Instruction Manual**

### **Pinch Valve Model GS. 10**

The Pinch valves GS.10 (normally open) are built for being fixed where vacuum exists, in fact, the whole structure valve body is perfectly tight.

For a perfectly working, the vacuum pipe must be connected downstream in the pipeline, in order to create the vacuum, in parallel, outside the sleeve.

The valves are supplied with two pneumatic cylinder with spring return.

For a perfect working of the valve, a periodical replacement of sleeve, spring and gaskets, is suggested.

### **Replacement of the sleeve**

1. Remove the rubber tube (part.1).
2. Remove the cylinder (part.21) and support (part.19).
3. Unscrew the exagon bolt (part.15), the washers (part.14), the exagon nut (part.13) and open the valve body.
4. Remove from the plugs (part.6) the screw (part.24) and replace the sleeve.

As to assembling, repeat the operation in the opposite direction.

### **Replacement of the spring, big and small gaskets**

1. Remove the cylinder (part.21) from the support (part.19) - remove the exagon nut, exagon bolt, washers (part.25-26-27) and replace the big gaskets (part.23), the spring (part.3), the small gaskets (part.4).
2. Before the assembling, oil the cylinder and the gaskets with silicone oil.

As to assembling, repeat the operation in the opposite direction.

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