

galassi & ortolani s.p.a.

valvole speciali per l'industria

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Instruction Manual

Pinch Valve Model GS.11-GS.20

The pinch valves (normally closed) MOD.GS.11 are built for being where vacuum exists, in fact, the whole structure valve body is perfectly tight.

For a perfect 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 and emergency handwheel, supposing that air-supply could faint.

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

Replacement of the sleeve:

1. Blow in the cylinders (part.21), lower the handwheels in order to block the piston (part.22).
2. Blow off the air from the inside of the cylinder (part.21).
3. Unscrew nut (part.9) and washers (part.17).
4. Remove the cylinders (part.21), bolts, nuts and washers (part.13-14-15) open the valve-body, replace the sleeve.

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

Replacement of the sleeve big and small gaskets

1. Blow air in the cylinders (part.21), lower the handwheels in order to block the piston (part.22).
2. Blow off the air from the inside of the cylinders (part.21), unscrew nut (part.9) and washers (part.17).
3. Remove the cylinders (part.21), bolts, nuts and washers (part.27-25-26), unscrew the handwheel (part.1) and replace the spring (part.30).
4. Charge the big and small gaskets (part.4-5).
5. Before the assembling oil the cylinder and the gaskets with silicone oil.

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

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