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valvole speciali per l'industria

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Instruction Manual

Pinch Valve model GS.7-7A-8

The pinch valves MOD.GS.7/8 are normally closed at rest with perfect seal and can be opened at need by means of a remote control.

They are equipped with automatic spring closing and, in emergency, (lack of air), with handwheel control for manual opening.

Substitution of the sleeve:

1. Put air in the cylinder and lower the handwheel (part.1) so that the piston (part.22) doesn't descend when the air is withdraw - withdraw the air from the cylinder - now the valve is open;
2. Withdraw nuts and washers (part.4-5).
3. Withdraw the pneumatic structure from the valve body.
4. Withdraw screw and washer (part.26-27) - extract the lower plug with the tie rods (part.24-7).
5. Withdraw nuts, bolts, washers (part.13-15-14) - now the sleeve can be substituted.

Substitution of the spring and gaskets:

1. Put air in the cylinder, lower the handwheel (part.1) till it rests over the bronze bushing (part.2) - withdraw the air from the cylinder;
2. Withdraw nuts and washers (part.4-5), extract the pneumatic structure.
3. Withdraw nuts, bolts, washers (part.16-18-17) - extract the cylinder.
4. Unscrew the handwheel (part.1) from the piston (part.22) - in the cylinder you will find the w gaskets (part.9) - while in the piston you will find the gaskets (part.23) - the spring (part.20) is situated in the cover (part.19).

Before reassembling the structure, be sure that the inside of the cylinder is perfectly clean. During the assembly the spring must be greased, while the cylinder and the piston must be oiled with silicone oil.

The feeding air must be instrument air, I.E. free from impurities and moisture.

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