

galassi & ortolani s.p.a.

valvole speciali per l'industria

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Instruction Manual

Collet valve, Model GS.25

Sleeve valve, MODEL GS.25, is normally open.

Valve may be closed both manually and pneumatically, closing gears (manual/pneumatic ones) achieve a balanced pressure allowing sleeve to be minimally strained.

Drive mechanism (buffer-tie rod) is fully closed inside valve body.

When necessary, replacement of sleeve - gasket set – spring, therefore, is suggested for an excellent valve operation.

Sleeve replacement:

1. Unscrew and remove bolt, nut and washers (items 27-11-26).
2. Unscrew hexagon socket head (item 30) and remove pneumatic structure.
3. Unscrew screw socket (item 28) and nut (item 4) and remove washer (item 5).
4. Unscrew and remove bolt, nut and washers (items 15-13-14).
5. Unscrew and remove socket head screw and washer (items 29) and replace sleeve.

Gasket set and spring replacement:

1. Unscrew and remove bolt, nut and washers (items 27-11-26).
2. Unscrew hexagon socket (item 30) and remove pneumatic structure.
3. Unscrew socket head screw (item 9) and remove manual structure.
4. Remove spring pin (item 10).
5. Unscrew and remove bolt, nut and washer (items 18-16-17).
6. Spring is placed in a seat inside cylinder (item 21) – gasket (item 25) is in cylinder
- small “w-shaped” gasket (item 31) is in cover (item 19) – whereas large “w-shaped”
gasket (item 23) is in piston (item 22).

Before remounting structure, ensure that inside of cylinder is perfectly cleaned; when mounting, oil the whole with silicon oil. Feed air must be instrument air, that is free from condensate.

NB. All item numbers refer to our technical catalogue.