



FIG. 3

Vite di bloccaggio e orientamento stelo,
da togliere prima della messa in esercizio
Stern locking and orientation screw
to be removed before start-up
Vis de blocage et pivotement de la tige,
à ôter avant de la mise en marche

N.B.:

Per le parti di ricambio vedi Part List dedicato.
Per l'ordinazione delle parti di ricambio, è
onde garantire l'intercambiabilità, è
indispensabile indicare il numero di
matricola indicato sulla targhetta
dell'apparecchio.

N.B.:

For spare parts identification see part-list.
To grant the perfect interchangeability of
spare parts, you will always state the serial
number of the device printed on the data
plate.

Pour identifier les pièces de rechange
conseillé, voir la "Part List" du positionneur.
Pour garantir la parfaite interchangeabilité
des pièces de rechange, il faut indiquer le
no. de série du positionneur (indiqué sur sa
plaque d'identification).

FIG. 4



TECHNICAL SPECIFICATION

Standard materials:

- Body and cover : die-cast aluminium
- Spool-valve : stainless steel
- Manifold : anodized aluminium
(on request: stainless steel)
- Cam : carbon steel
- Diaphragm : Nitrile rubber™

Pneumatic connections:

- Air supply : 1/4" NPT F
(1/2" NPT F for
positioner SA/CL1-2)
- Signal : 1/4" NPT F
- Signal press. gauge : 1/8" NPT F
- Outputs : 1/4" NPT F
(1/2" NPT F for
positioner SA/CL1-2)

Supply:

Dry instrument air: max. 665 kPa (100 psig)
standard

Standard cam: linear

*(quadratic or other shapes on
request)*

Min. stroke : 40 mm

Standard signal:

20 ÷ 100 kPa (3 ÷ 15 psig)
Special ranges on request

Zero setting : ± 10% of the stroke

Range setting : ± 10% of the stroke

Operating temperatures:

-20°C ÷ +80°C (-4°F ÷ +176°F)
*(special models for high and low temperatures
on request)*

Sensitivity : 0,25% of signal range

Linearity : 1% of the stroke (direct action)

Static consumption: 1,02 Nm³/h (0,6 SCFM)
at 400 kPa (60 psi)

Actuating time (no load)

referred to 1 liter cylinder capacity

- 1 sec/l with SA/CL1 (ND 1/4") positioner
- 0,4 sec/l with SA/CL1 (ND 1/2") positioner

Capacity

with 567 kPa (85 psi) supply pressure

- 25 N/m³/h (15 SCFM) with SA/CL1 (ND 1/4")
positioner
- 61 Nm³/h (37 SCFM) with SA/CL1-2 (ND 1/2")
positioner

Weight : Kgs. 2,3 approx. (cam excluded)

Optional accessories

- Electro-pneumatic transducer
- Integrally mounted position transmitter:
 - electronic
 - electric
 - pneumatic
- partial stainless steel models for installation in
corrosive environments
- pressure gauges
- air-lock devices

Technical information refers to SA/CL1 positioner
ND 1/4" coupled to STI actuators.

If the positioner is not coupled to STI actuators,
a.m. features might be varied.