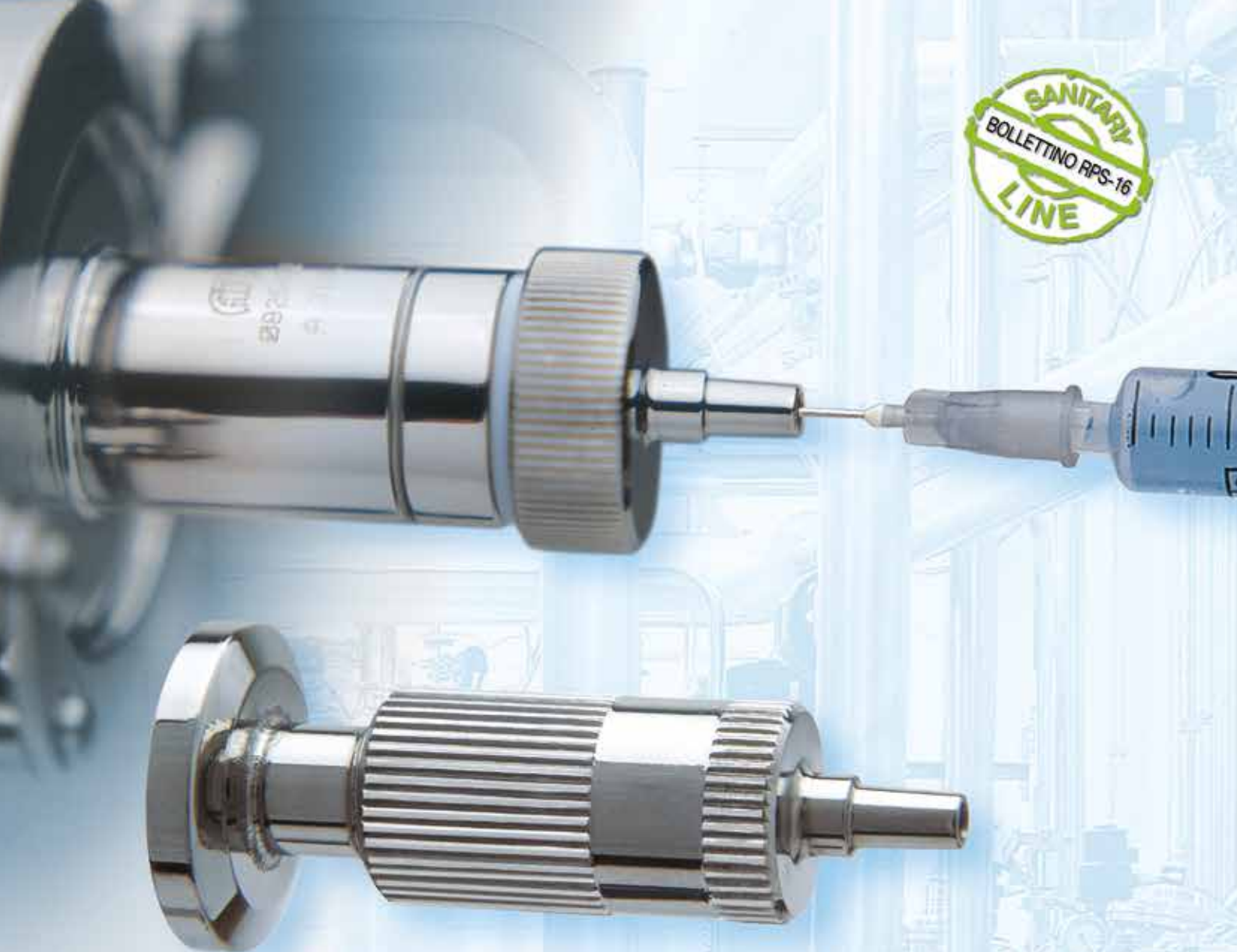




Sanitary Sampling Valves



Sanitary
flow
equipment

Rps Available Body

**Standard
CLAMP 1/2" BS**

Esecuzione H a faccia piana
H execution flat face
RPS-05AGPAH-XX-31A

Esecuzione T con tubo di sample
T execution with sampling pipe
RPS-05AHZCT-XX-31A

**Optional
CLAMP 1" BS**

RPS-05AJZCH-XX-31A

RPS-05AJZCT-XX-31A

**Optional
fil. gas m.
3/8"- 1/2"**

RPS-05LGZCH-XX-31A

RPS-05LGZCT-XX-31A

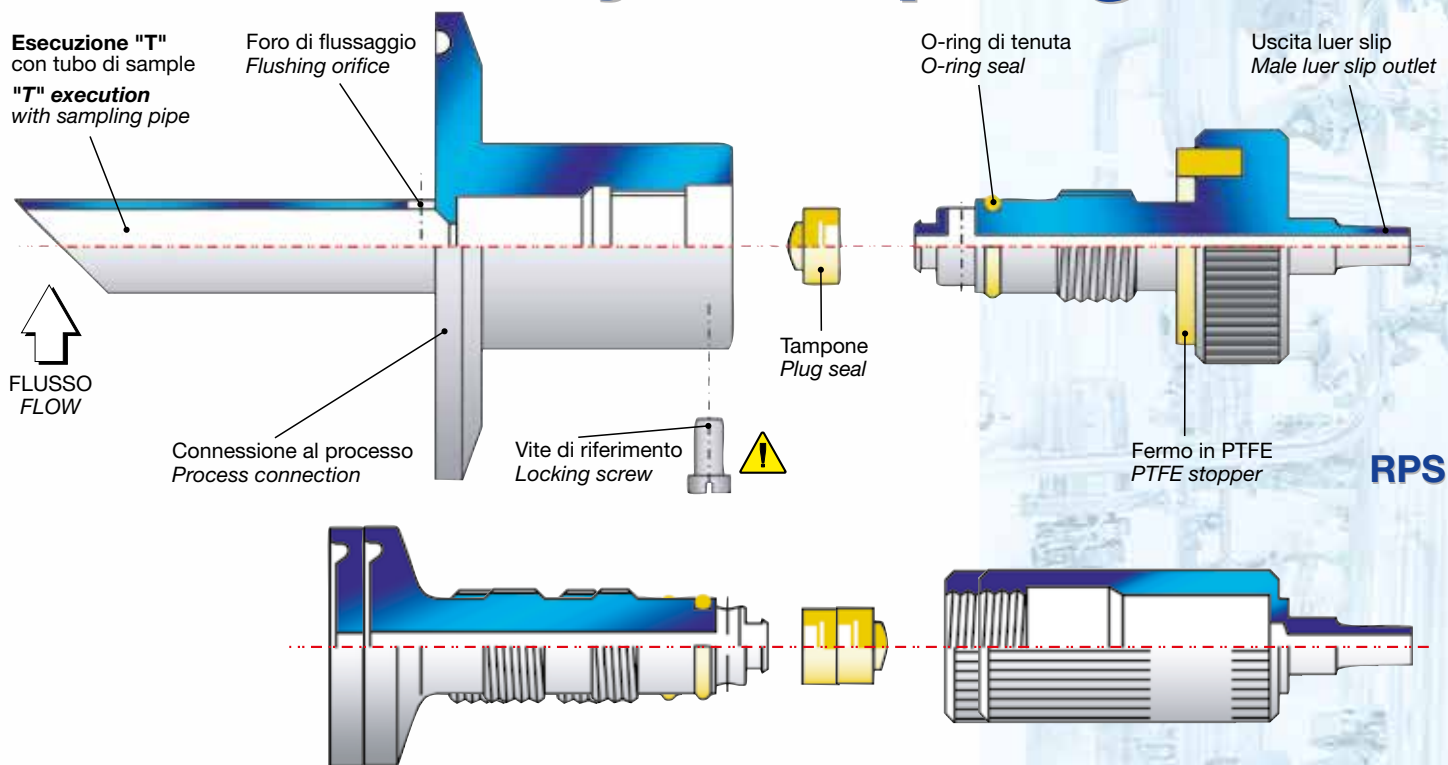
RPQ-05AGPBH-XX-31A

RPV-05AGZCH-XX-31A

RPV-05AGZGH-XX-31A

 www.romynox.nl

Sanitary sampling valve



Ricambi *Spare parts*

cod. KPS-05-VV

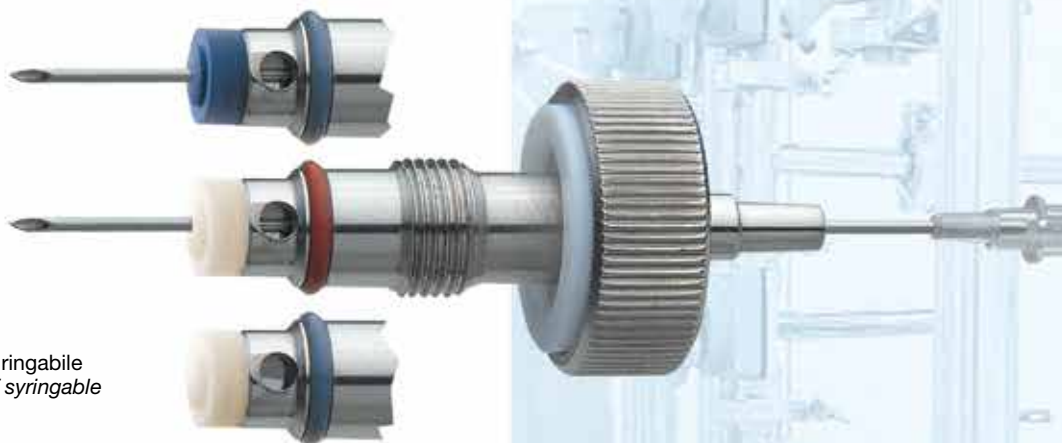
Tampone e o-ring in FKM - siringabile
Plug seal and o-ring in FKM - syringable

cod. KPS-05-XX

Tampone e o-ring in SILICONE - siringabile
Plug seal and o-ring in SILICONE - syringable

cod. KPS-05-TV

Tampone in TFM PTFE e o-ring in FKM - NON siringabile
Plug seal in TFM PTFE and o-ring in FKM - NOT syringable



RPS Ordering information

To specify the part completely, start with the product description and select the additional options as shown below:

The diagram shows a 10-digit part number: **RPS 05 AG ZC H XX 31 A**. Each digit is enclosed in a blue box. Callout lines connect each digit to its description:

- RPS**: RPQ (3/8" BSP), RPV (1/2" BSP)
- 05**: HOLE
- AG**: 1/2" clamp
- ZC**: luer slip
- H**: flat face
- XX**: silicone seals
- 31**: VV (Fkm seals), TV (Tfm/Fkm seals)
- A**: material AISI 316L 1.4404

Additional callouts for the first three digits include:

- AG**: 1/2" clamp
- AJ**: 1" clamp
- QC**: butt weld
- LC**: 1/4" BSP
- LE**: 3/8" BSP
- LG**: 1/2" BSP
- T**: deep tube
- surface standard finish** (points to the XX digit)

Sanitary sampling valves

CHARACTERISTICS

The **RPS** fully autoclavable sampling valves are designed for aseptic sampling of liquids and pharmaceutical products.

Made entirely in AISI 316L, the standard version is in the form of a rod with a 1/2" clamp and no welding.

On request, the connection to the process may be modified as indicated.

Easily installed onto distribution lines or onto tanks, this valve can be kept in aseptic conditions between one sample and another by using a silicon cap which closes the "luer slip" outlet. It's special design prevents deposits of bacteria and particles, possibly distorting the results of bacteriological tests carried out while allowing samples to be taken from the middle of the line enabling a representative sample to be taken. Extremely economical and very easy to use, the valve opens by turning the head knurled ratchet in an anticlockwise direction and then clockwise to return it to the closed position.

TECHNICAL DATA

MATERIALS

Valve body: AISI 316L

Shaft: AISI 316L

O-ring: Standard silicone
Optional FKM, EPDM

Plug: Standard silicone
Optional FKM or TFMPTFE

MAX WORKING CONDITIONS

Max Pressure: to 10 bar and 150°C

PROCESS CONNECTIONS

Standard: clamp 1/2" BS

Optional: clamp 1" BS
3/8"-1/2" gas male thread
butt-weld

OUTLET CONNECTIONS

Standard: LUER SLIP joint

Optional: Rubber hose Ø 6mm
Rapid connection

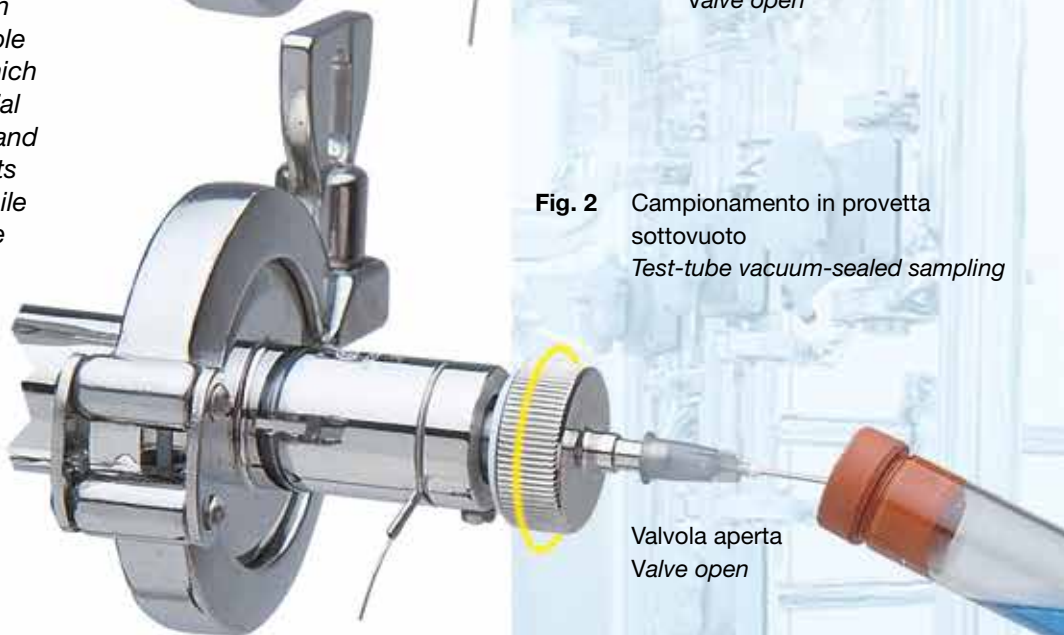
RPS SAMPLING

Fig. 3 Campionamento standard.
Standard Sampling



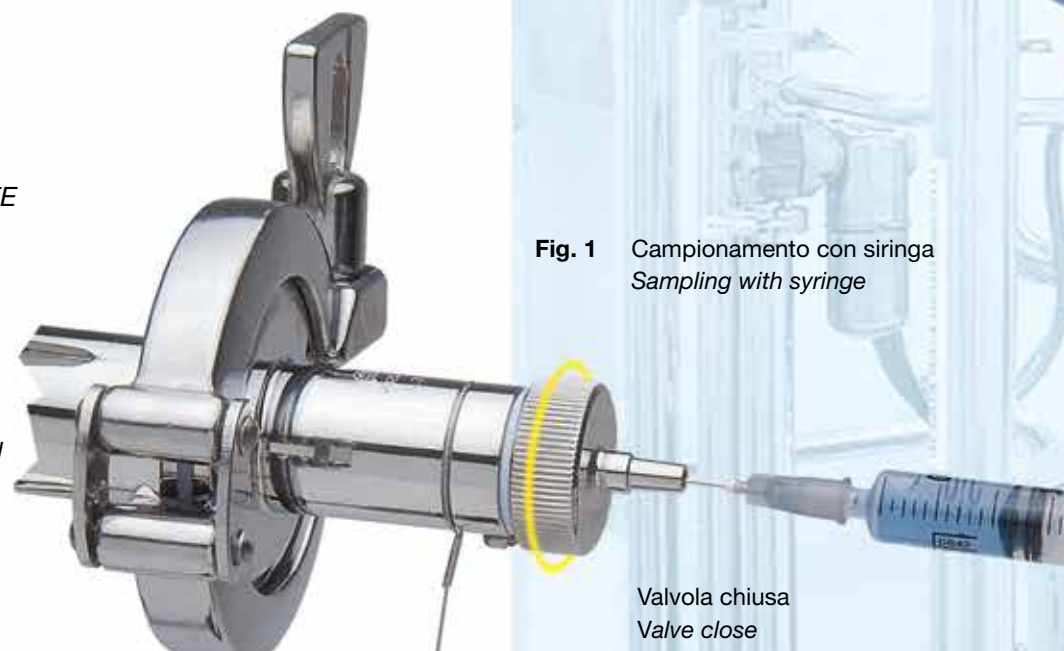
Valvola aperta
Valve open

Fig. 2 Campionamento in provetta sottovuoto
Test-tube vacuum-sealed sampling



Valvola aperta
Valve open

Fig. 1 Campionamento con siringa
Sampling with syringe



Valvola chiusa
Valve close