

## Lecture bottle gas valve

Vaqtec lecture bottle gas valves are designed to easily connect disposable gas bottles with 7/16"-28 UNEF thread to high and ultrahigh

vacuum systems.

They are manually actuated and suited to handle the common gas types like pure gases (Argon, Oxygen, Nitrogen...) or a mixture of gasses normally used in demanding research environments.

The valve body is constructed of type AISI 304L stainless steel and fitted with a Conflat® DN16CF flange on one end (system), and a specific thread with viton o-ring on the other (gas bottle).

The valve can be mounted in any position.

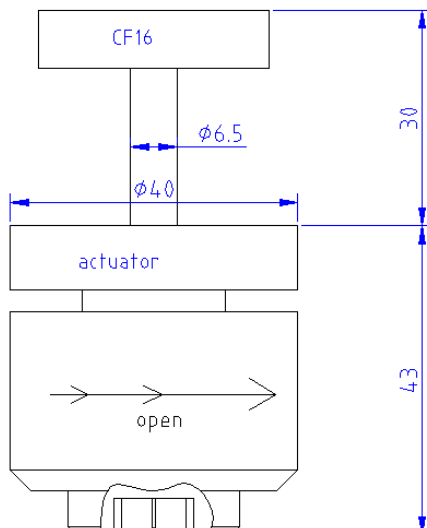
The space between the flange and the body of the valve has been increased for easy use of tools.

The valve works by simply turning the knurled knob.



### Features:

- AISI 304L stainless steel construction
- Membrane bellow AISI 347 sealed
- CF port
- Stainless steel knurled knob
- Easy-to-use



### Specifications:

- |                      |   |
|----------------------|---|
| • P/number:          | 4-BV-1016                                     |
| • Flange & body      | AISI 304L stainless steel                     |
| • Seals:             | Inside: membrane bellow<br>Bottle side: viton |
| • Temperature range: | -60 to +180°C with viton o-ring               |
| • Pressure range:    | max 40 bar                                    |
| • Vacuum range:      | 1X10 <sup>-8</sup> mbar                       |
| • Weight:            | 0,5 kg  |