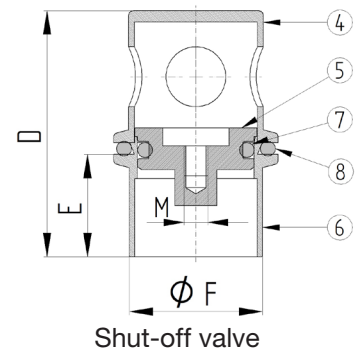
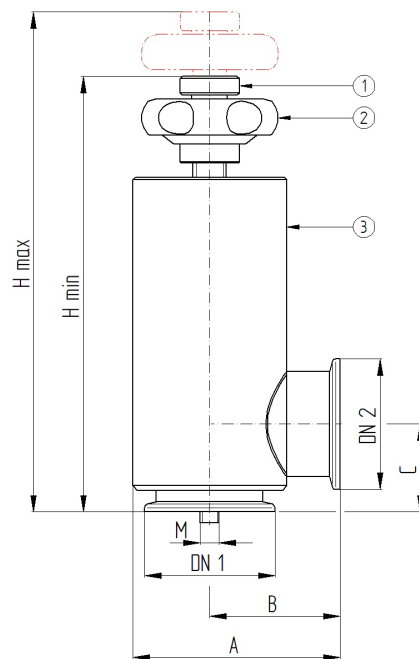


## Vacuum pump accessories

### Gas Locks

#### Gas lock with shut-off valve for welding, stainless steel



- 1 Locking spindle
- 2 Valve spindle
- 3 Gas lock
- 4 Safety cap
- 5 Sealing plug
- 6 Weld-on socket
- 7 O-Ring (FKM)
- 8 O-Ring (Perbuan)

### Usability

Vessels that rarely require re-evacuation, vacuum-insulated containers for liquefied gas, and lines that are to be filled with pure gases. The latter must be evacuated beforehand to allow the filling gas to enter while excluding atmospheric air.

In many cases it is necessary to not only close containers under vacuum or filled with gas, but also to evacuate them. Any good high vacuum valve would of course be suitable for this purpose. However, this valve must remain on the evacuated or gas-filled container after it has been disconnected from the pump or filling gas line and must also be secured against accidental opening. The closure valve is similar to a small flange with a pipe socket, in which the closure piece (the actual closure valve) hermetically seals the container or line as a vacuum valve and overpressure protection. To operate the closure valve, a gas lock is required, which is separated from the small flange once the pumping process or gas filling has been completed.

**Gas lock:**

| DN              | KF 25           | KF 25           | KF 40           | KF 40           | KF 50           | KF 50           | ISO-K 63        | ISO-K 100       |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Gewinde:        | M8LH            | M5LH            | M8LH            | M5LH            | M8LH            | M5LH            | M8LH            | M8LH            |
| a mm            | 74              | 74              | 87,5            | 87,5            | 115             | 115             | 154             | 154             |
| b mm            | 50              | 50              | 55              | 55              | 75              | 75              | 96              | 96              |
| c mm            | 30              | 30              | 37              | 37              | 50              | 50              | 60              | 60              |
| DN 1            | KF 25           | KF 25           | KF 40           | KF 40           | KF 50           | KF 50           | ISO-K 63        | ISO-K 100       |
| DN 2            | KF 25           | KF 25           | KF 40           | KF 40           | KF 50           | KF 50           | ISO-K 63        | ISO-K 100       |
| hmin mm         | 160             | 160             | 190             | 190             | 190             | 190             | 220             | 270             |
| hmax mm         | 210             | 210             | 240             | 240             | 240             | 240             | 270             | 220             |
| <b>Art.Nr.:</b> | <b>36050555</b> | <b>36050914</b> | <b>36050370</b> | <b>36050975</b> | <b>36051792</b> | <b>36050624</b> | <b>36052028</b> | <b>36052029</b> |

**Shut-off valve complete with safety cap and clamping ring**

| DN              | KF 25           | KF 25           | KF 40           | KF 40           | KF 50           | KF 50           | ISO-K 63        | ISO-K 100       |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Gewinde:        | M8LH            | M5LH            | M8LH            | M5LH            | M5LH            | M8LH            | M8LH            | M8LH            |
| d mm            | 73              | 73              | 82              | 82              | 110             | 110             | 116             | 116             |
| e mm            | 34              | 34              | 34              | 34              | 62              | 62              | 100             | 100             |
| Øf mm           | 28              | 28              | 44,5            | 44,5            | 60              | 60              | 78              | 108             |
| <b>Art.Nr.:</b> | <b>36551778</b> | <b>36550561</b> | <b>36551757</b> | <b>36551398</b> | <b>36550257</b> | <b>36552030</b> | <b>36552031</b> | <b>36552032</b> |

**Replacement insert:**

| DN              | KF 25           | KF 25           | KF 40           | KF 50           | KF 50           | ISO-K 63        | ISO-K 100       |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Gewinde:        | M8LH            | M5LH            | M8LH            | M5LH            | M8LH            | M8LH            | M8LH            |
| <b>Art.Nr.:</b> | <b>36150605</b> | <b>36150868</b> | <b>36150604</b> | <b>36150603</b> | <b>36150604</b> | <b>36152047</b> | <b>36152048</b> |

**Replacement O-rings (complete set):**

| DN              | KF 25           | KF 40/50        | ISO-K 63        | ISO-K 100       |
|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Art.Nr.:</b> | <b>36252054</b> | <b>36252055</b> | <b>36252056</b> | <b>36252057</b> |