

# Diaphragm shut-off valve HP 550

- straight through valve 4-port with metal diaphragm DN 4 / PN 300

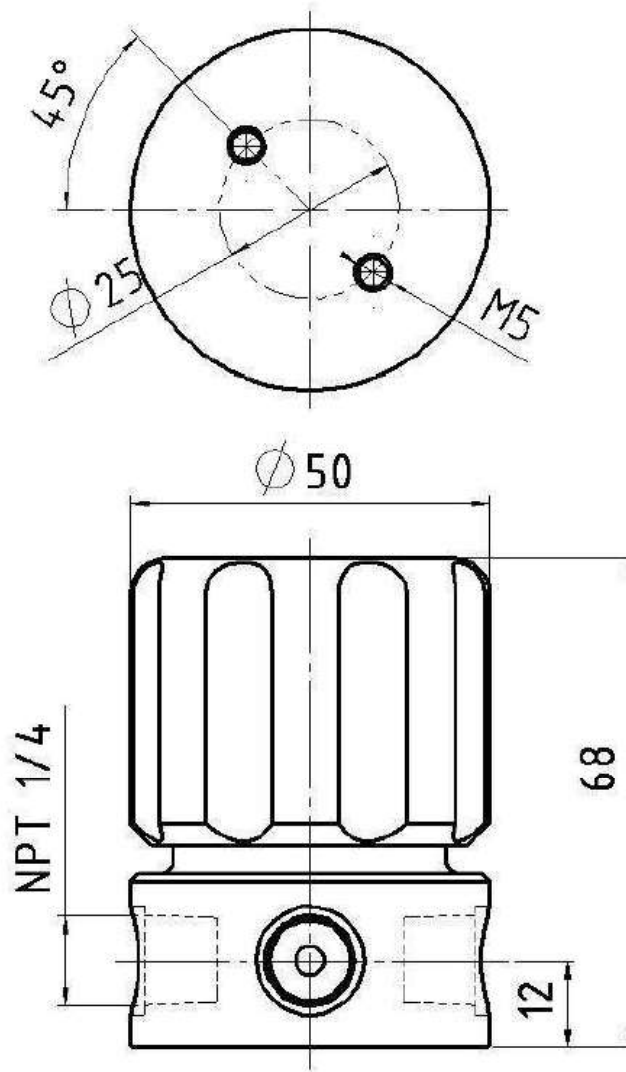


| TECHNICAL DETAILS |                                                                                | APPLICATION AREA                                                                               | DESCRIPTION                                                                                                |
|-------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Body:             | stainless steel 1.4404 electropolished or brass, nickel and matt chrome plated | Diaphragm shut-off valves are system components used in low and high pressure pure gas supply. | The diaphragm shut-off valve HP 550 is laid out for the use in pure gas supply systems.                    |
| Seat:             | PCTFE                                                                          |                                                                                                | The diaphragm shut-off valve has 3 inlets and one outlet.                                                  |
| Nominal bore:     | 4 mm                                                                           |                                                                                                | Threaded holes on the reverse side connect to a bracket that can be directly mounted on a laboratory wall. |
| Diaphragm:        | 1.4435                                                                         |                                                                                                |                                                                                                            |
| Leakage rate:     | 10 <sup>-8</sup> mbar l/s He helium leak test                                  |                                                                                                |                                                                                                            |
| Gas purity:       | ≤ 6.0                                                                          |                                                                                                |                                                                                                            |
| Cv:               | 0,15                                                                           |                                                                                                |                                                                                                            |
| Max. pressure:    | 300 bar                                                                        |                                                                                                |                                                                                                            |
| Operating temp.:  | -20°C to +70°C                                                                 |                                                                                                |                                                                                                            |
| Weight:           | 580 g                                                                          |                                                                                                |                                                                                                            |
| Connections:      | G 1/4" f                                                                       |                                                                                                |                                                                                                            |

## QUALITY STANDARD

The company Hornung is certified to **DIN EN ISO 9001** and **ISO 14001:2009**. All single parts are manufactured, assembled and tested by in-house production. The finished parts are therefore under all criteria of German quality control with 100% final inspection.

# HP 550



## ORDER DETAILS

### Material:

- 1 = stainless steel
- 2 = brass

HP550-  
Type

2  
Material

Gas type  
Gas type

**Accessories:** See total catalogue segment

7. Accessories