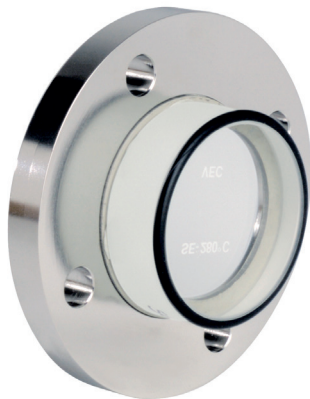


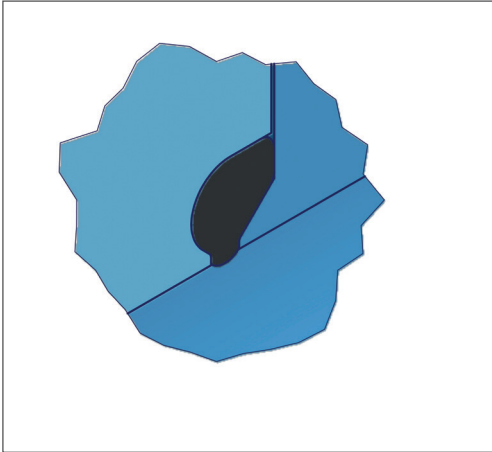


BioControl® – Sight Glass Set



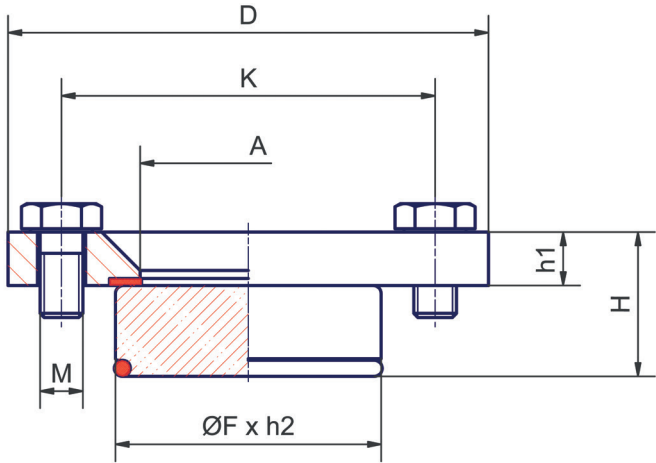
BioControl® – Blind Flange Set

| Technical Data                                                                                                                                                                                                                                                               |                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Materials Blind Flange Set*                                                                                                                                                                                                                                                  | Blind Flange: 1.4435 / 316L<br>O-Ring: EPDM (FDA) |
| Materials Sight Glass Set*                                                                                                                                                                                                                                                   | Flange: 1.4435 / 316L                             |
|                                                                                                                                                                                                                                                                              | Glass: ESG borosilicate                           |
|                                                                                                                                                                                                                                                                              | O-Ring: EPDM (FDA + USP class VI)                 |
|                                                                                                                                                                                                                                                                              | Flat Seal: Klinger Top Chem 2000                  |
| Surface finish (product contacted area)                                                                                                                                                                                                                                      | Ra < 0,8 µm electropolished area                  |
| Max. permissible pressure                                                                                                                                                                                                                                                    | PN16                                              |
| Delta ferrite content (raw material)*                                                                                                                                                                                                                                        | < 1%                                              |
| Process connection                                                                                                                                                                                                                                                           | 25, 50, 65 and 80                                 |
| Approvals                                                                                                                                                                                                                                                                    | TÜV-component testing                             |
| * Alternative material grades (such as 2.4602, 2.4605, 1.4539, 6Mo / UNS N08367, titanium, etc.), alternative seal materials (such as Viton, Viton / FEP-encapsulated, PTFE, etc.) as well as different surface qualities and delta ferrite values are available on request. |                                                   |

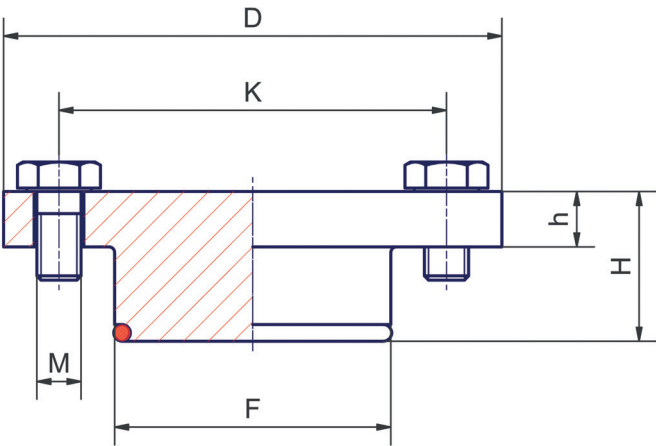


Elastomer-free solution also available (BioControl® CS) - please contact us!

BioControl® – Sight Glass Set



BioControl® – Blind Flange Set



**BioControl® – Sight Glass Set S25 – S80**

| Size | D   | H  | h1 | K   | A    | øF x h2   | M        |
|------|-----|----|----|-----|------|-----------|----------|
| S25  | 64  | 20 | 9  | 50  | 25   | 30,3 x 13 | M6 x 16  |
| S50  | 90  | 27 | 10 | 70  | 40,5 | 49,8 x 17 | M8 x 16  |
| S65  | 120 | 27 | 10 | 95  | 58,5 | 67,8 x 17 | M10 x 18 |
| S80  | 140 | 37 | 12 | 115 | 78   | 87,3 x 17 | M10 x 25 |

**BioControl® – Blind Flange Set DS25 – DS80**

| Size | D   | H  | h  | K   | F    | M        |
|------|-----|----|----|-----|------|----------|
| DS25 | 64  | 20 | 9  | 50  | 30,4 | M6 x 16  |
| DS50 | 90  | 27 | 10 | 70  | 49,9 | M8 x 16  |
| DS65 | 120 | 27 | 10 | 95  | 67,9 | M10 x 18 |
| DS80 | 140 | 37 | 12 | 115 | 87,4 | M10 x 25 |

## BioControl® – a system with almost unlimited possibilities of adaptation

Measuring and analysis instruments as well as sampling valves with BioControl®-connection are available from more than 40 international partners, such as: Gebr. Rieger, WIKA, Labom, Endress + Hauser, Negele, Siemens and many more.

