

## Fill Cluster

### Type 07018 - Fill cluster with check function



#### Cryogenic-Fill cluster, PN50

Stainless steel body and bronze topwork  
with check function and drain valve  
"live loaded" gland packing  
"cleaned and degreased for oxygen service"

#### Part No. 07018.X.\*\*\*\*

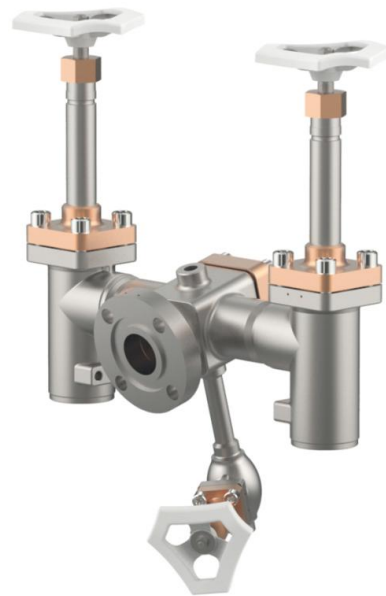
Fill connection: Mueller flange

Outlet: welded stainless steel stubs acc. to ASTM A312

Non-return unit metal to metal seated, leakage rate D acc. to EN12266-1

Available options - on request only:

· with strainer

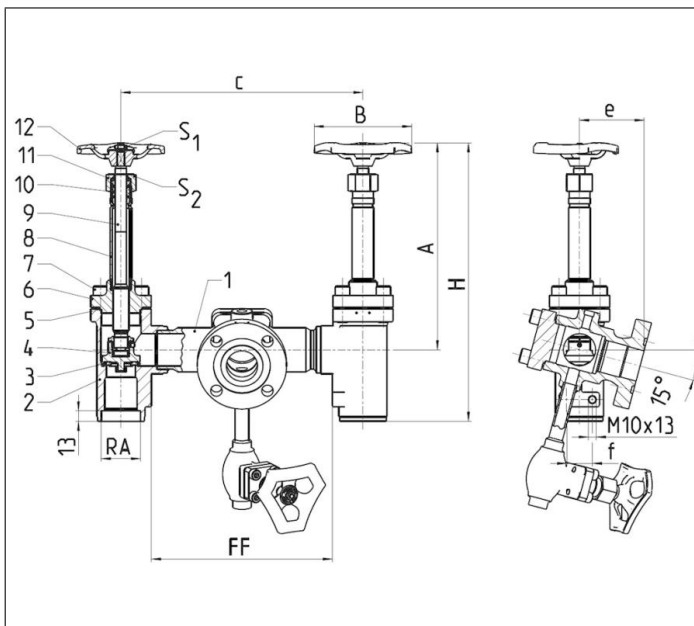


#### Applications:

Approved for air gases, vapours and cryogenic liquefied gases incl. LNG.

Working temperature: -196°C / -321°F (77K) up to +120°C / +248°F (393K)

| Materials         | DIN EN                     | ASTM             |
|-------------------|----------------------------|------------------|
| 1 Fill body       | 1.4308                     | A 351 CF8        |
| 2 Body            | 1.4308                     | A 351 CF8        |
| 3 Valve seal      | PTFE / Carbon filled (25%) |                  |
| 4 Disc            | CW614N                     | B 283 UNS C38500 |
| 5 Bonnet gasket   | PTFE                       |                  |
| 6 Headpiece       | CC493K                     | B 505 UNS C93200 |
| 7 Bolts           | 1.4301/A2                  | A 194 B8         |
| 8 Elongation tube | 1.4541                     | A 213 TP 321     |
| 9 Stem            | 1.4301                     | A 276 Grade 304  |
| 10 Gland packing  | Graphite / PTFE            |                  |
| 11 Gland nut      | CC493K                     | B 505 UNS C93200 |
| 12 Handwheel      | Aluminium alloy            |                  |



| Type 07018 - Standard design  | Technical data |                               |      |      |
|-------------------------------|----------------|-------------------------------|------|------|
| Nominal size                  | DN             | 25                            | 40   | 40   |
| Dimension code                | .X.            | 2533                          | 4045 | 4048 |
| Face-to-face dimension        | FF             | 225                           | 225  | 225  |
| Outside pipe-Ø ASTM A312      | RA             | 33.7                          | 45.4 | 48.3 |
| Wall thickness pipe ASTM A312 | a              | dimensions acc. to S10 or S40 |      |      |
| Socket depth                  | b              | 13                            | 13   | 13   |
| Height                        | A              | 270                           | 270  | 270  |
| Height                        | H              | 735                           | 735  | 735  |
| Length                        | c              | 295                           | 301  | 301  |
| Length                        | e              | 82                            | 82   | 82   |
| Length                        | f              | 32                            | 32   | 32   |
| Handwheel-Ø                   | B              | 100                           | 125  | 125  |
| Wrench size across flats      | S <sub>1</sub> | 10                            | 13   | 13   |
| Wrench size across flats      | S <sub>2</sub> | 27                            | 32   | 32   |
| Weight                        | ca. kg         | 11.5                          | 14.9 | 14.9 |

Dimensions in mm.