

Fire Safe Valves

Type 01262 - Bellow Sealed Globe Valve



"Fire-safe"-design without fire type-testing according to EN ISO 10497

Cryogenic-Bellow Sealed Globe Valve, PN50

- Stainless steel body and topwork,
- "live loaded" gland packing
- "cleaned and degreased for oxygen service"

Part No. 01262.X.002*

* Butt weld connection for stainless steel pipes acc. to ISO 1127 or ASTM A312

Part No. 01262.X.0024

Socket weld connection for stainless steel pipes acc. to ISO 1127 or ASTM A312

Available options - on request only:

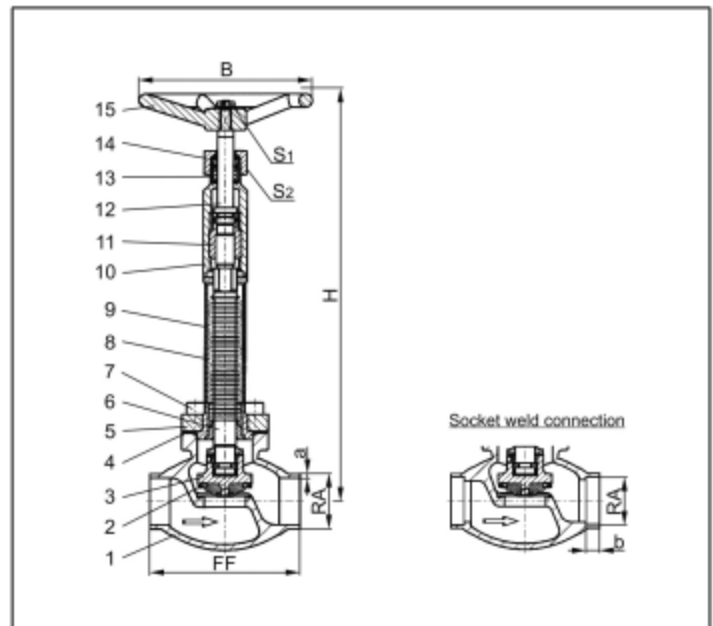
- Welded stainless steel stubs acc. to ISO 1127 or ASTM A312 - length FF + 200mm
- Extension H up to 900mm



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)
Leak rate: 10⁻⁶ mbar ltr / sec outside, 10⁻⁴ mbar ltr / sec seat

| Materials | DIN EN | ASTM |
|-------------------|----------------------------|-------------------|
| 1 Body | 1.4308 | A 351 CF8 |
| 2 Valve seal | PTFE / Carbon filled (25%) | |
| 3 Disc | 1.4301 | A 276 Grade 304 |
| 4 Bonnet gasket | Graphite | |
| 5 Headpiece | 1.4301 | A 276 Grade 304 |
| 6 Bellow stem | 1.4571 | A 313 Grade 316Ti |
| 7 Bolts | 1.4301/A2 | A 194 B8 |
| 8 Bellow | 1.4571 | A 313 Grade 316Ti |
| 9 Elongation tube | 1.4541 | A 213 TP 321 |
| 10 Headpiece | 1.4301 | A 276 Grade 304 |
| 11 Bush | CW452K | B 159 UNS C51900 |
| 12 Stem | 1.4301 | A 276 Grade 304 |
| 13 Gland packing | Graphite / PTFE | |
| 14 Gland nut | 1.4305 | A 276 Grade 303 |
| 15 Handwheel | Aluminium alloy | |



Standard marking acc. to Pressure Equipment Directive 97/23/EC (PED).



| Type 01262 - Standard design | Technical data | | | | | | | | | | |
|-------------------------------|-------------------|-------------------------------|-------|-------|-------|-------|------|-------|-------|-------|--|
| Nominal size | DN | 10 | 15 | 15 | 20 | 25 | 32 | 40 | 40 | 50 | |
| Dimension code | .X. | 1012 | 1517 | 1521 | 2026 | 2533 | 3238 | 4042 | 4048 | 5060 | |
| Face-to-face dimension | FF | 70 | 85 | 85 | 100 | 115 | 115 | 130 | 130 | 155 | |
| Height | H | 380 | 380 | 380 | 380 | 380 | 380 | 380 | 380 | 380 | |
| Outside pipe-Ø ISO 1127 | RA | 12.0 | 17.2 | 21.3 | 26.9 | 33.7 | 38.0 | 42.4 | 48.3 | 60.3 | |
| Wall thickness pipe ISO 1127 | a | 1.0 | 1.6 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | |
| Outside pipe-Ø ASTM A312 | RA | 13.72 | 17.15 | 21.34 | 26.67 | 33.40 | - | 42.16 | 48.26 | 60.33 | |
| Wall thickness pipe ASTM A312 | a | dimensions acc. to S10 or S40 | | | | | | | | | |
| Socket depth | b | 6 | 10 | 10 | 13 | 13 | - | 13 | 13 | 16 | |
| Handwheel-Ø | B | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | |
| Wrench size across flats | S ₁ | 10 | 10 | 10 | 10 | 10 | 13 | 13 | 13 | 13 | |
| Wrench size across flats | S ₂ | 30 | 30 | 30 | 30 | 30 | 36 | 36 | 36 | 36 | |
| Weight | ca. kg | 1.6 | 1.85 | 1.9 | 2.3 | 2.7 | 3.6 | 5.1 | 5.1 | 7.7 | |
| Kvs-Value | m ³ /h | 1.6 | 2.8 | 4.3 | 6.7 | 11.5 | 14.0 | 20.6 | 22.6 | 37.1 | |
| Cv-Value | gal/min | 1.9 | 3.3 | 5.0 | 7.8 | 13.4 | 16.2 | 26.3 | 26.3 | 43.2 | |

Dimensions in mm.

