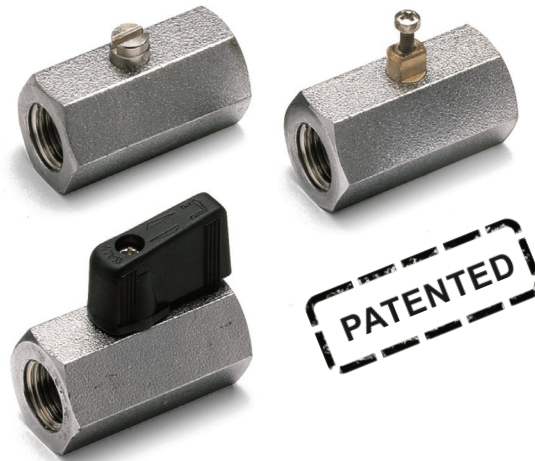




S.35 high pressure

1/8" - 1/2"

ISO 228 mini ball valve



Quality

- Dual sealing system allows valve to be operated in either direction making installation easier
- No metal-to-metal moving parts
- No maintenance ever required
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Each valve is seal tested for maximum safety
- Handle/ stem clearly shows ball position

Body

- One piece drawn sand blasted brass body with extremely compact design
- Finest brass according to EN 12164 specification
- Patent n. 7011-B/89

Stem

- Blowout-proof brass stem with FPM O-ring
- Maintenance-free thanks to FPM O-ring at the stem for maximum safety

Sealing

- Pure PTFE self-lubricating seats with flexible-lip design

Threads

- ISO 228 parallel female by female threads

Handle

- Reinforced nylon black wedge handle removable with valve in service
- **WARNING:** do not exceed reasonable temperature and/or electrical load

Working pressure & temperature

- 30 bar (450 PSI) non-shock cold working pressure
- -20°C to +90°C (-4°F to +200°F)
- +120°C (+250°F) screw driver version and metal wedge handle
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

Options

- Male by female threads
- Screw driver or wrench operated
- Nylon wedge handle yellow, red or green
- Metal wedge handle available in colours red, black, yellow, green, light blue, chrome plated
- Grey wedge handle in Grivory® -high performing polymer
- NPT taper ANSI B.1.20.1 threads
- Additional connection options on demand

Upon request

- Aluminum body
- ISO 7/1 BSPT taper threads
- Dezincification resistant brass CW602N

PED directive

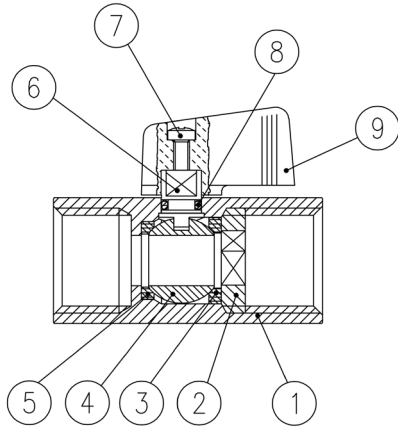
- The product meets the requirements of PED Directive 2014/68/UE and according to art.4 par.3, it does not require CE marking

Approved by or in compliance with

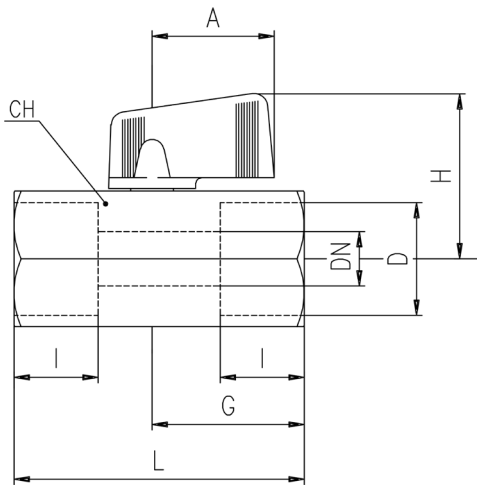
- GOST-R (Russia)
- RoHS Compliant (EU)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)

NOTE: approvals apply to specific configurations/sizes only.





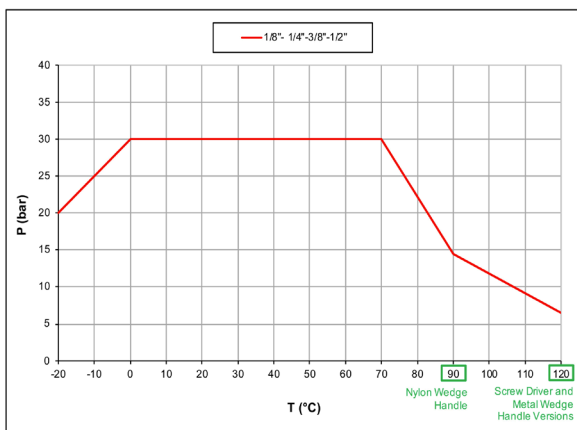
| Part description | Q.ty | Material |
|----------------------|------|------------------------|
| 1 Chrome plated body | 1 | CW617N |
| 2 Retainer nut | 1 | CW617N |
| 3 Retainer seat | 1 | PTFE |
| 4 Chrome plated ball | 1 | CW617N |
| 5 Body seat | 1 | PTFE |
| 6 Unplated stem | 1 | CW617N |
| 7 Zinc plated screw | 1 | CB4FF (EN10263-2) |
| 8 O-Ring | 1 | FPM |
| 9 Black handle | 1 | Nylon glass filled 30% |



DN shows the nominal flow diameter.

| Code | S35AF0 | S35BF0 | S35CF0 | S35DF0 |
|-----------------------|--------|--------|--------|--------|
| D (inch) | 1/8 | 1/4 | 3/8 | 1/2 |
| DN(mm) | 6 | 8 | 8 | 10 |
| I (mm) | 10 | 11 | 11 | 13 |
| L (mm) | 41.5 | 41.5 | 41.5 | 49 |
| G (mm) | 22 | 22 | 22 | 26 |
| A (mm) | 22.5 | 22.5 | 22.5 | 22.5 |
| H (mm) | 31 | 31 | 31 | 33 |
| CH(mm) | 21 | 21 | 21 | 25 |
| Kv(m ³ /h) | 1.7 | 4.2 | 3.6 | 5 |

Pressure-temperature chart



Pressure drop chart

