



# s.95 NPT spring return

1/4" - 2"

Access to fluid systems in public places could potentially convert into costs and safety problems.

In order to avoid unattended valves being left open with negative economic or environmental consequences, **RuB** developed the automatic self-closing valve.

The valve can be opened normally by rotating the handle 90° and when the user releases the handle, the valve shuts off automatically.

Best solution for service stations, trucks, public areas, gardens. The same feature is useful in industrial applications, where a valve must not be left open unattended.



## Quality

- 24h 100% seal test guaranteed
- Dual sealing system allows valve to be operated in either direction making installation easier
- No metal-to-metal moving parts
- No maintenance ever required
- Handle clearly shows ball position
- Silicone-free lubricant on all seals
- Handle stops on body to avoid stresses at stem
- Chrome plated brass ball for longer life

## Body

- Hot forged sand blasted, unplated brass body and cap sealed with Loctite® or equivalent thread sealant
- Finest brass according to EN 12165 and EN 12164 specifications

## Stem

- Blowout-proof nickel plated brass stem
- Maintenance-free, double FPM O-rings at the stem for maximum safety

## Sealing

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

## Threads

- NPT taper ANSI B.1.20.1 female by female threads

## Flow

- Full port to DIN 3357 for maximum flow

## Handle

- Robust spring ensures auto shutt-off with max pressure in valve
- Geomet® carbon steel handle with thick PVC dip coating. Handle coating offers both thermal and electrical protection
- **WARNING:** do not exceed reasonable temperature and/or electrical load

## Working pressure & temperature

- 600 PSI (40 bar) non-shock cold working pressure
- 250 PSI (17 bar) non-shock working pressure for LP-Gas
- -40°F / +350°F (-40°C / +170°C)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

## Options

- Stainless steel handle (1.4016 / AISI 430)

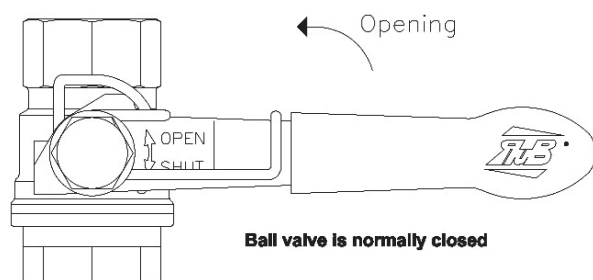
## Upon request

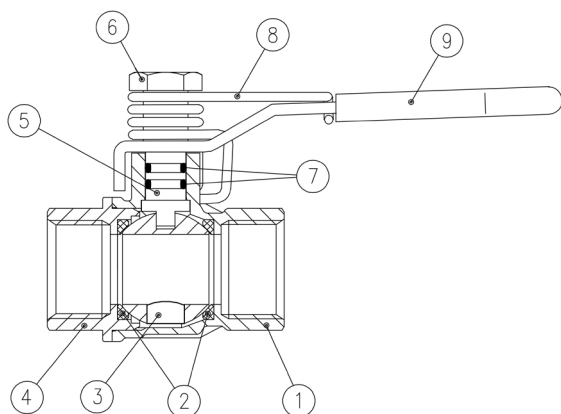
- Stainless steel ball (1.4401 / AISI 316)
- Custom design

## Approved by or in compliance with

- GOST-R (Russia)
- Underwriters Laboratories (United States, Canada):
  - Guide YSDT: LP-Gas shut-off valve
  - Guide YRBX: Flammable liquid shut-off valve
  - Guide YRPV: Gas shut-off valve for use with natural and manufactured gases
  - Guide MHKZ: No. 6 oil at 250°F
- Canadian standards Association (United States, Canada)
- Factory Mutual (United States)
- RoHS Compliant (EU)
- Meeting WW-V-35C Federal U.S. Specification (United States)

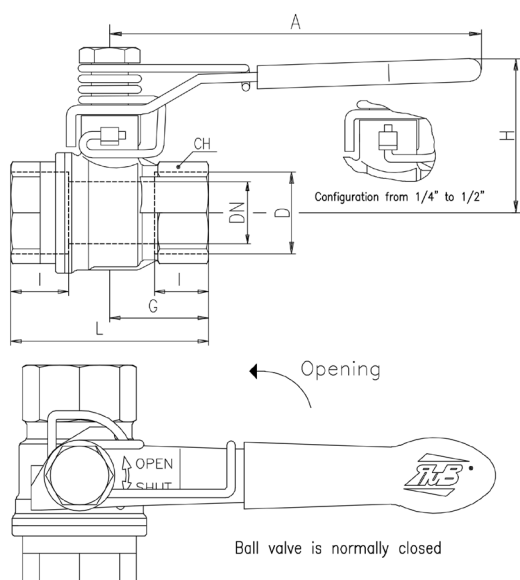
**NOTE:** approvals apply to specific configurations/sizes only.





1 1/4" - 2" hollow ball

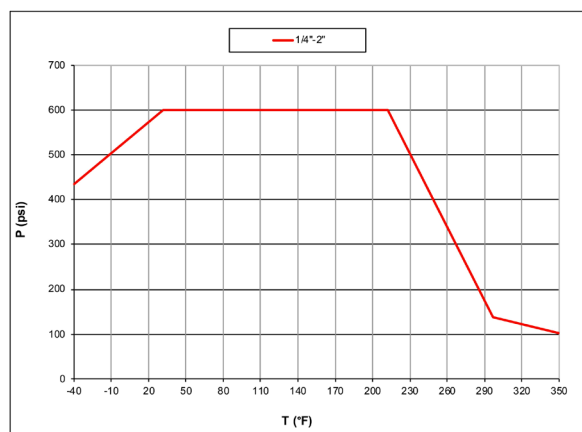
|   | Part description                       | Q.ty | Material          |
|---|--|------|-------------------|
| 1 | Unplated NPT body                      | 1    | CW617N            |
| 2 | Seat                                   | 2    | PTFE              |
| 3 | Chrome plated ball                     | 1    | CW617N            |
| 4 | Unplated NPT end-cap                   | 1    | CW617N            |
| 5 | Nickel plated stem O-ring design       | 1    | CW617N            |
| 6 | Unplated spring nut                    | 1    | CW617N            |
| 7 | O-Ring                                 | 2    | FPM               |
| 8 | Spring return                          | 1    | 1.4310 (AISI 302) |
| 9 | Yellow PVC coated Geomet® steel handle | 1    | DD11 (EN10111)    |



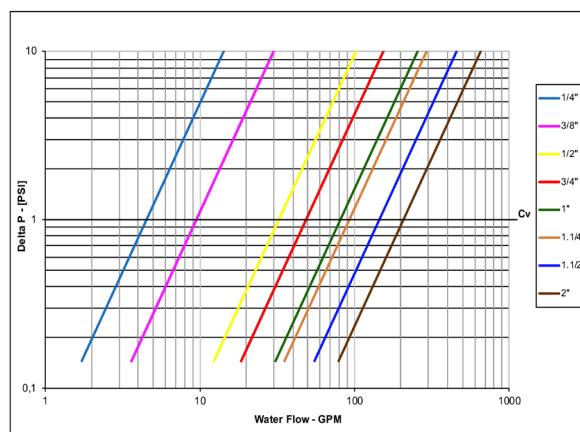
| Code      | S95B41MR | S95C41MR | S95D41MR | S95E41MR | S95F41MR | S95G41MR | S95H41MR | S95I41MR |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| D (Inch)  | 1/4      | 3/8      | 1/2      | 3/4      | 1        | 1 1/4    | 1 1/2    | 2        |
| DN (inch) | 0.314    | 0.393    | 0.590    | 0.787    | 0.984    | 1.259    | 1.574    | 1.968    |
| I (inch)  | 0.472    | 0.472    | 0.610    | 0.669    | 0.826    | 0.905    | 0.905    | 1.043    |
| L (inch)  | 1.771    | 1.771    | 2.322    | 2.519    | 3.188    | 3.661    | 4.015    | 4.763    |
| G (inch)  | 0.885    | 0.885    | 1.161    | 1.259    | 1.594    | 1.830    | 2.007    | 2.381    |
| A (inch)  | 3.937    | 3.937    | 3.937    | 4.724    | 4.724    | 6.220    | 6.220    | 6.220    |
| H (inch)  | 1.504    | 1.504    | 1.679    | 1.956    | 2.114    | 2.858    | 3.094    | 3.370    |
| CH (inch) | 0.669    | 0.787    | 0.984    | 1.220    | 1.574    | 1.929    | 2.125    | 2.696    |
| Cv(GPM)   | 4.5      | 9.5      | 32.3     | 48.5     | 80.9     | 92.4     | 144.4    | 206.8    |

DN shows the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4.

## Pressure-temperature chart



## Pressure drop chart



XCES95MR - 4711