



# s.95 NPT spring return

## Female/Female 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

## PED DIRECTIVE

- Assessment according to Pressure Equipment Directive 2014/68/UE module B+D by ICIM (0425)

## OPTIONS

- Stainless steel handle (1.4016 / AISI 430)



## 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

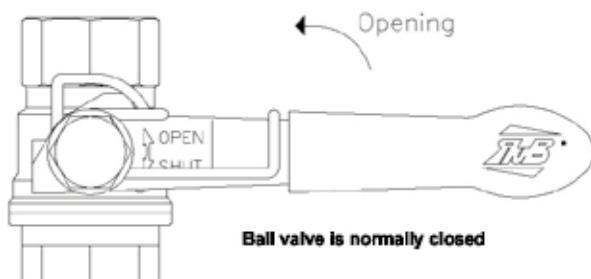
## UPON REQUEST

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

## APPROVED BY OR IN COMPLIANCE WITH

- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)
- 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.



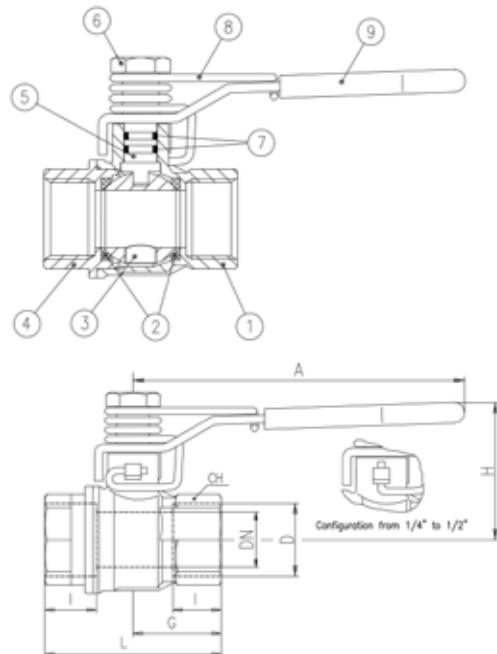
# s.95 NPT SPRING RETURN XCES95MR - 6012

Each user should perform his own tests to find out the suitability for his particular application. BONOMI INDUSTRIES makes no warranty, express or implied, as to the shape, fit or function of a product for any application. Contact us or consult with your supplier for additional information on the suitability of the BONOMI INDUSTRIES products with your specific field of use.



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

1 1/4"- 2" hollow ball



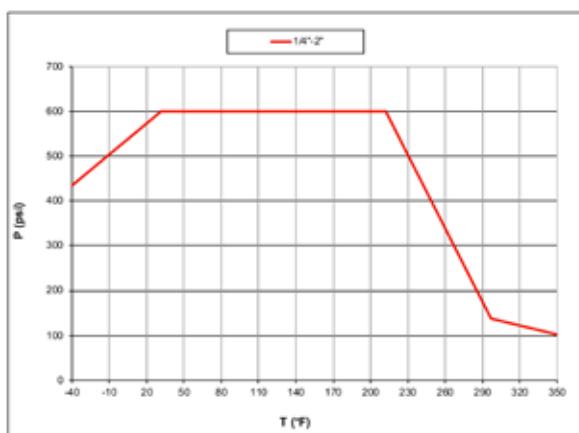
For sales within EU: CE marking needed, use following codes:

**S95G41MRCE**   **S95H41MRCE**   **S95I41MRCE**

Code	S95B41MR	S95C41MR	S95D41MR	S95E41MR	S95F41MR	S95G41MR	S95H41MR	S95I41MR
<b>D (inch)</b>	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
<b>DN (inch)</b>	0.315	0.375	0.591	0.748	0.945	1.181	1.496	1.890
<b>I (inch)</b>	0.472	0.472	0.610	0.669	0.827	0.906	0.906	1.043
<b>L (inch)</b>	1.772	1.772	2.323	2.520	3.189	3.661	4.016	4.764
<b>G (inch)</b>	0.886	0.886	1.162	1.260	1.594	1.831	2.008	2.382
<b>A (inch)</b>	3.228	3.228	3.937	4.724	4.724	6.220	6.220	6.220
<b>H (inch)</b>	1.480	1.480	1.679	1.956	2.114	2.858	3.094	3.370
<b>CH (inch)</b>	0.669	0.787	0.984	1.220	1.575	1.929	2.126	2.697
<b>Cv (GPM)</b>	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. For sales within EU: ball valves are marked CE on handle from 1 1/4" to 2" as follow: CE 0425 cat IIIB+D PS: 5 GAS TS1: -20°C TS2: +60°C

## PRESSURE-TEMPERATURE CHART



## PRESSURE DROP CHART

