

# s. 93 BSPT downstream exhaust

full port 1/2"-1"  
hot forged brass ball valves



Featuring patented tamper-proof lockable handle that has no equal in the market.

RuB s.93 range exhausts automatically and continuously downstream air pressure as soon as turned in the closed position.

Valve is lockable in the closed position only, according to Part. 1910.147 safety OSHA (USA) requirements allowing safe maintenance of the air-supplied equipment; when valve is open, one simple 90° turn of the handle shuts flow immediately.

**We care for those you care for.**



## Quality

- No metal-to-metal moving parts
- Handle clearly shows ball position
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Travel stops on body to avoid stresses at stem

## Body

- Hot forged sand blasted, nickel plated brass body and cap sealed with Loctite or equivalent thread sealant
- The valve body includes a tapped downstream depressurization venting outlet to direct exhaust air and assemble mufflers for noise control
- Finest brass according to EN 12165 and EN 12164 (formerly DIN 17660 and UNI 5705-65) specifications

## Stem

- Blowout-proof nickel plated brass stem
- Pure PTFE adjustable packing gland and washer for lower torque and easy maintenance

## Working Pressure

- 14 Bar Kg/cm<sup>2</sup> (200 PSI)
- non-shock cold working pressure

## Flow

- Full port to DIN 3357 for maximum flow

## Thread

- ISO 7/1, BS 21 BSPT Taper female by female threads

## Handle

- Geomet® carbon steel lockable handle patent n. 7074-B/90 with thick PVC dip coating. Handle coating offers both thermal and electrical protection
- Handle removable with valve in service

## Seals

- Glass filled pure PTFE self-lubricating seats with flexible-lip design

## Operating Temperature

- -10°C (+15°F) / +100°C (+210°F) Warning: freezing of the fluid in the installation may severely damage the valve

## Upon request

- AISI 316 stainless steel ball and/or stem
- Custom Design
- Sizes 1/4" and 3/8", sizes from 1.1/4" to 2"
- T-handle

## Options

- AISI 430 stainless steel handle
- Non-locking Geomet® carbon steel lever handle
- NPT taper ANSI B.1.20.1 threads
- EN 10226-1, ISO 228 Parallel Threads

## Approved By:



NOTE: Approvals apply to specific configurations only



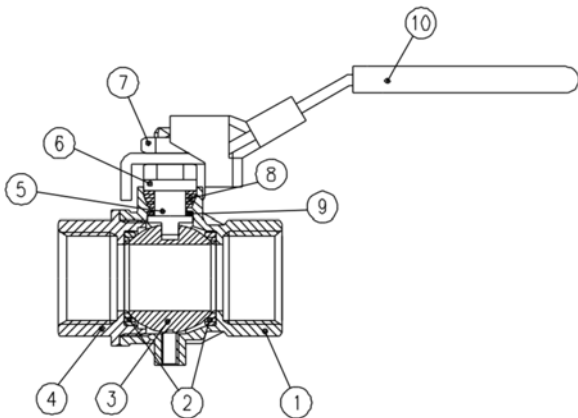
**RUB RUBINETTERIE UTENSILERIE BONOMI**

Via Padana Superiore 27/29 25080 Ciliverghe di Mazzano (Bs) Italy  
Ph: +39 030 212441 - Fax: +39 030 2629498  
sales@rubvalves.com - www.rubvalves.com

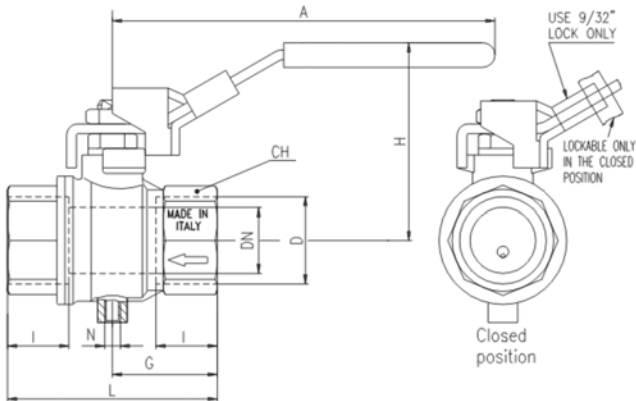


# s. 93 BSPT downstream exhaust

full port 1/2"-1"  
hot forged brass ball valves



PART DESCRIPTION	Q.TY	MATERIAL
1 Nickel plated body	1	CW617N
2 Seat	2	PTFE glass filled 5-15%
3 Chrome plated ball	1	CW617N
4 Nickel plated end cap	1	CW617N
5 Nickel plated stem packing gland design	1	CW617N
6 Nickel plated gland nut	1	CW617N
7 Geomet® nut	1	CB4FF
8 Packing gland seal	1	PTFE
9 Washer	1	PTFE carbon filled 25%
10 Light blue PVC coated Geomet® steel lockable handle	1	DD11

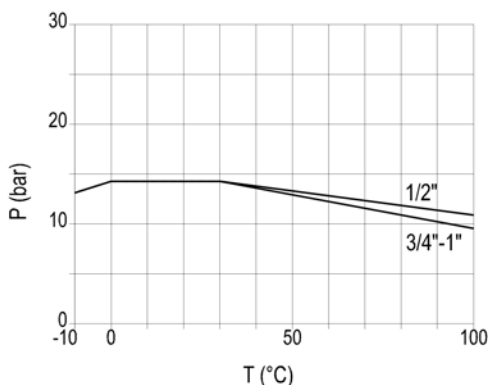


Code	S93D50	S93E50	S93F50
D (inch)	1/2	3/4	1
DN(mm)	15	20	25
I (mm)	15.5	17	21
L (mm)	59	64	81
G (mm)	29.5	32	40.5
A (mm)	96	117	117
H (mm)	51	60	64.5
CH(mm)	25	31	40
N	M5		

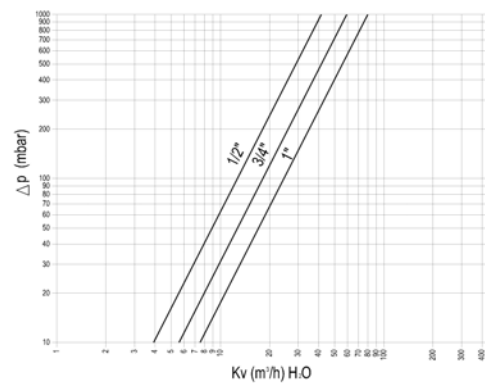
DN shows the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4.

Ask for additional information on the whole range of RuB valves and consult with your supplier for special applications.

Pressure - Temperature Chart



Pressure Drop Chart



The company reserves all rights for the information contained herein. Products may be changed at any time without notice. Any undated reference to a code or standard shall be interpreted as referring to the latest edition. RuB and logo are registered trademarks of RuB-Rubinerterie utensilerie Bonomi. Others logos are property of respective owners.

**RUB** RUBINETTERIE UTENSILERIE BONOMI

Via Padana Superiore 27/29 25080 Ciliverghe di Mazzano (Bs) Italy  
Ph: +39 030 212441 - Fax: +39 030 2629498  
sales@rubvalves.com - www.rubvalves.com

