



PNEUMATIC

s.93 NPT Downstream Exhaust

1/4"-2" Full Port 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.



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:

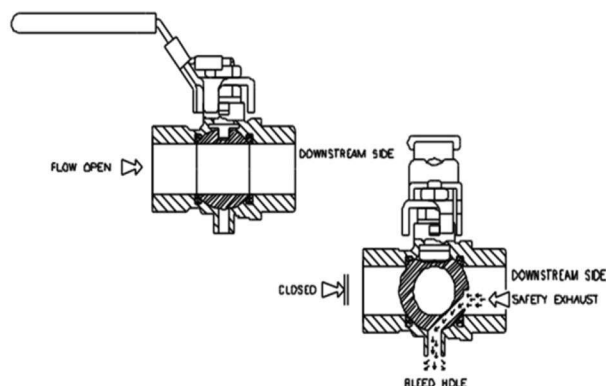
- Hot forged sand blasted, unplated brass body and cap sealed with Loctite or equivalent thread sealant
- The valve body includes a tapped downstream depressurization venting outlet to direct exhaust air and assemble mufflers for noise control
- Finest brass according to EN 12165 and EN 12164 (formerly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

Stem:

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

Seals:

- Glass filled 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:

- 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

Working Pressure:

- 200 PSI
- non-shock cold working pressure

Working Temperature:

- +15°F / +210°F Warning: freezing of the fluid in the installation may severely damage the valve

Options:

- AISI 430 stainless steel handle
- Non-locking Geomet® carbon steel lever handle
- ISO 7/1 BSPT Taper threads
- EN 10226-1, ISO 228 Parallel Threads
- Safety Pin
- Muffler, Hose

Upon Request:

- AISI 316 stainless steel ball and/or stem
- Custom design
- T-handle

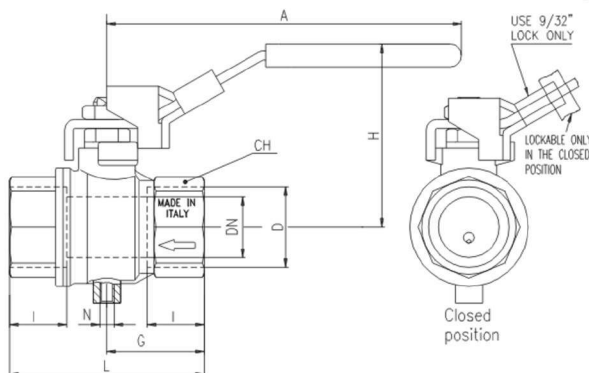
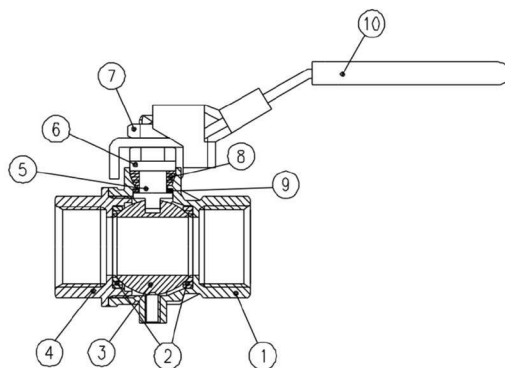




Approved by or in compliance with:

- RoHS compliant
- Osha compliant

NOTE: Approvals apply to specific configurations only



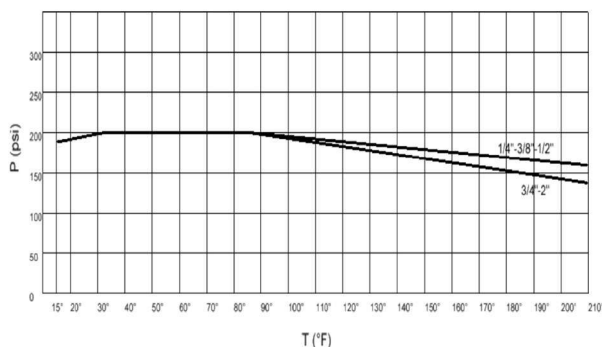
	Part Description	Q.ty	Material
1	Unplated body	1	CW617N
2	Seat	2	PTFE glass filled 5-15%
3	Chrome plated ball	1	CW617N
4	Unplated end cap	1	CW617N
5	Nickel plated stem packing gland design	1	CW617N
6	Nickel plated gland nut	1	CW617N
7	Geomet® nut	1	CB4FF
8	Packing gland seal	1	PTFE
9	Washer	1	PTFE carbon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

Code	S93B41	S93C41	S93D41	S93E41	S93F41	S93G41	S93H41	S93I41
D (inch)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
DN (inch)	0.314	0.383	0.590	0.787	0.984	1.260	1.575	1.969
I (inch)	0.472	0.472	0.610	0.669	0.826	0.906	0.906	1.043
L (inch)	1.771	1.771	2.322	2.519	3.188	3.661	4.016	4.764
G (inch)	0.885	0.885	1.161	1.259	1.594	1.831	2.008	2.382
A (inch)	3.759	3.759	3.759	4.574	4.574	6.161	6.161	6.161
H (inch)	1.906	1.906	2.014	2.364	2.530	3.148	3.396	3.661
CH (inch)	0.787	0.787	0.984	1.220	1.574	1.929	2.126	2.697
N	10-32 UNF					1/4" NPT		

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

