s.94

1/2″ – 2″ ISO 228, for sensors

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
- Chrome plated brass ball for longer life
- Handle stops on body to avoid stress at stem

Body

- Hot forged sand blasted, external nickel plated brass body and cap sealed with Loctite® or equivalent thread sealant
- Finest brass according to EN 12165 and EN 12164 specifications
- Tapped bottom M10x1 connection for temperature detector and other devices at user's option

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

- ISO 228 parallel female by female threads

Flow

- Full port to DIN 3357 for maximum flow

Handle

- Geomet® carbon steel handle with thick PVC dip coating. Handle coating offers both thermal and electrical protection
- 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 +170°C (-4°F to +350°F)
- **WARNING**: freezing of the fluid in the installation may severely damage the valve

Options

- Stem extension
- T-handle
- Oval lockable handle
- Stainless steel handle (1.4016 / AISI 430)
- Patented locking device
- Stubby handle
- ***RuB*** memory stop designed to be installed with our stubby handle

Upon request

- Glass filled PTFE seals
- Custom design

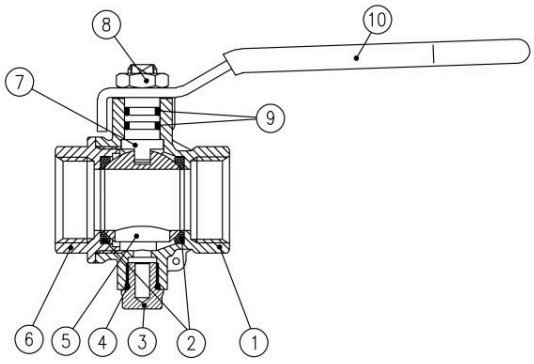
PED directive

- According to 2014/68/UE module A: it cannot be used with dangerous gases in sizes larger than 25mm

Approved by or in compliance with

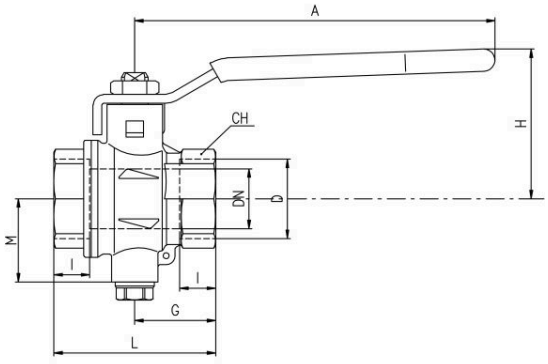
- GOST-R (Russia)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)
- RoHS Compliant (EU)

NOTE: approvals apply to specific configurations/sizes only.



	PART DESCRIPTION	Q.TY	MATERIAL
1	Nickel plated body (external treatment)	1	CW617N
2	Seat	2	PTFE
3	Cap	1	CW617N
4	O-Ring	1	FPM
5	Chrome plated ball	1	CW617N
6	Nickel plated end-cap (external treatment)	1	CW617N
7	Nickel plated stem O-ring design	1	CW617N
8	Geomet® nut	1	CB4FF (EN10263-2)
9	O-Ring	2	FPM
10	Red PVC coated Geomet® steel handle	1	DD11 (EN10111)

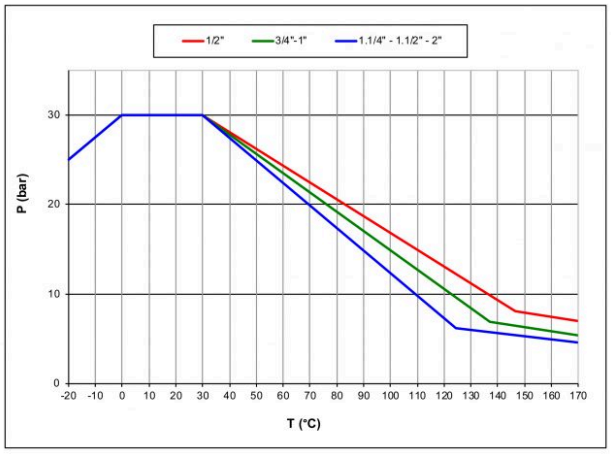
1.1/4” – 2” hollow ball



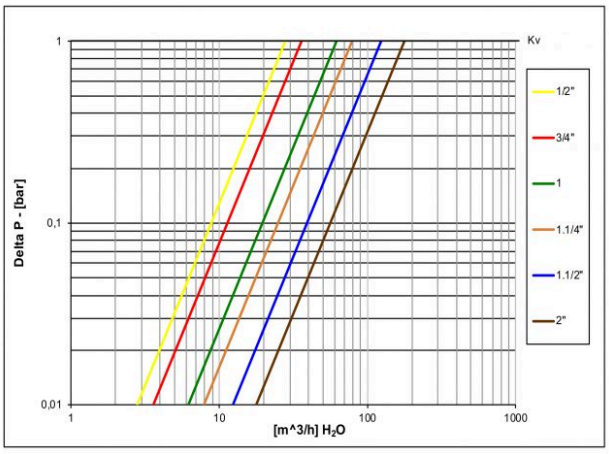
Code	S94D00	S94E00	S94F00	S94G00	S94H00	S94I00
D (inch)	1/2	3/4	1	1 1/4	1 1/2	2
DN(mm)	15	20	25	32	40	50
I (mm)	11	12	14	15	17	19
L (mm)	50	54	67	77	90	106
G (mm)	25	27	33.5	38.5	45	53
M (mm)	32	30	32	38	44.3	51.3
A (mm)	100	120	120	158	158	158
H (mm)	43	50	54	73	79	86
CH(mm)	25	31	40	49	54	68.5
Kv (m^3/h)	28	36	62	79	124	178

DN shows the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4.
Ball valves are marked CE on handle from 1.1/4” to 2” as follow:
CE XXCODEXX Cat I-A

Pressure-temperature chart



Pressure drop chart



Ask for additional information on the whole range of ***RuB*** products and consult with your supplier for special applications.
For complete disclaimer: www.rubvalves.com/disclaimer

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