



s.33 heavy duty full port 1/4"-2" hot forged brass ball valve



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
- Handle clearly shows ball position
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Handle stops on body to avoid stresses at stem

Body:

- Hot forged sand blasted, nickel plated brass body and cap sealed with Loctite® or equivalent threads sealant
- 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 reinforced washer for lower torque and easy maintenance

Sealing:

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

Threads:

- EN 10226-1, ISO 228 parallel female by female threads

Flow:

- 100% full port for maximum flow



Handle:

- 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
- Handle removable with valve in service

Working pressure and temperature:

- 65 Bar (940 PSI) up to 1", 40 Bar (600 PSI) over 1" non-shock cold working pressure
- -40°C (-40°F) / +170°C (+350°F)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

Options:

- Stem extension
- T-handle
- Oval lockable handle
- AISI 430 stainless steel handle
- Patented locking device
- Male by female threads
- Stubby handle
- **RuB** memory stop designed to be installed with our stubby handle

Upon request:

- AISI 316 stainless steel ball and/or stem
- Glass filled PTFE seals
- Custom design

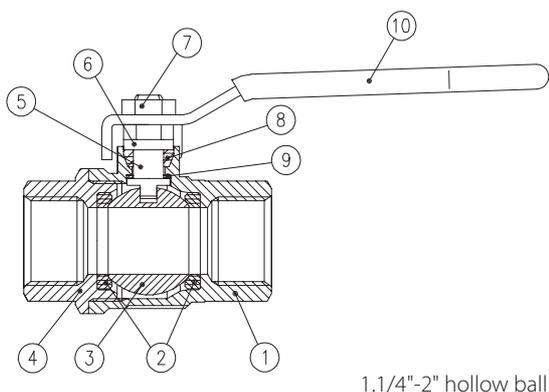
PED directive:

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

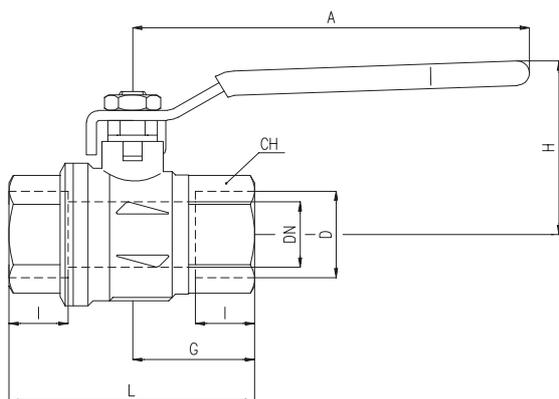
Approved by or in compliance with:

- GOST-R (Russia)
- Hygiene and epidemic center in Moscow city (Russia)
- UkrSepro (Ukraine)
- RoHS Compliant (EU)
- EAC - Declaration of conformity (Russia-Kazakhstan-Belarus)

NOTE: approvals apply to specific configurations/sizes only.



1.1/4"-2" hollow ball



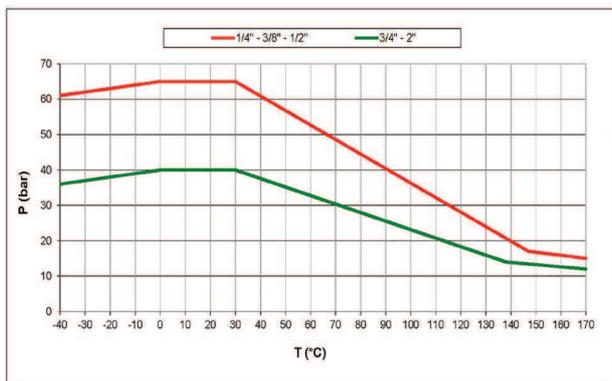
Ball valves are marked CE on handle from 1.1/4" to 2" as follow: CE XXCODEXX Cat I-A

Part description	Q.ty	Material
1 Nickel plated body	1	CW617N
2 Seat	2	PTFE
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 Black PVC coated Geomet® steel handle	1	DD11

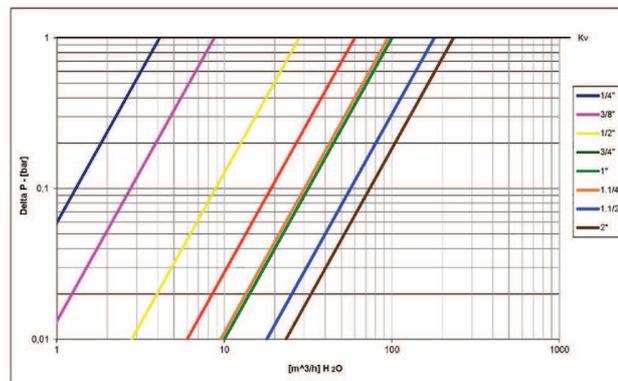
Code	S33B00	S33C00	S33D00	S33E00	S33F00	S33G00	S33H00	S33I00
D (inch)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
DN (mm)	8	10	15	20	25	32	40	50
I (mm)	12.5	12.5	15.5	18	21	23	24.5	26.5
L (mm)	51	51	61	74.5	90.5	104	117	135
G (mm)	25.5	25.5	30.5	37	45.5	52	59	67.5
A (mm)	82	82	100	120	120	158	158	158
H (mm)	39.5	39.5	43	52.5	57	78	85	92
CH (mm)	22	22	27	32	41	50	55	70
PN (Bar)	65	65	65	65	65	40	40	40

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

Pressure-temperature chart



Pressure drop chart



RuB endeavors to provide comprehensive information about the installation, maintenance and operation of its products. For more details or clarification, please contact us. **RuB** reserves the right to change or modify product design, construction, specifications, materials or the information herein without prior notice and without incurring any obligation to make such changes and modifications on **RuB** products previously or subsequently sold. Content of this document is proprietary to **RuB** and it may not be copied in part or in whole without prior written authorization from **RuB**. Recommendations on application design and material selection are based on available technical data and are offered as suggestions only. Pressure and temperature ranges are for generic use of the products. Each user should make his/her own tests to determine the suitability for his/her own particular use. **RuB** offers no express or implied warranties concerning the form, fit, or function of a product in any application. **RuB** does not accept liability for errors or omissions. Any undated reference to a code or standard shall be interpreted as referring to the latest edition. **RuB** and logo are registered trademarks of **Rubinetteria utensilerie BONOMI srl**. Other logos are property of respective owners. XCES33 - Rev: 3723