RUBINETTERIE UTENSILERIE BONOMI

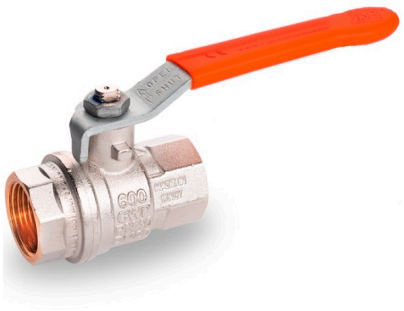
ISO 9001

DRINKING WATER

s.84W potable water

full port 1/4" - 2"
hot forged brass ball valve

Legionella is a bacterium that lives and proliferates in natural and artificial aquatic environments at temperatures ranging between 5.7°C and 55°C and standing up to acidic and alkaline environments. New s.84W is approved for use with drinking water; the specific ball design avoids water stagnation and the spread of bacteria in the system.



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 with rinse hole

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 (formerly DIN 17660 and UNI 5705-65) specifications

Stem

- Blowout-proof nickel plated brass stem
- Two EPDM O-Rings at the stem for maximum safety

Sealing

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

Upon request

- Glass filled PTFE seals
- AISI 430 stainless steel handle
- Special configuration for industrial oxygen application
- Custom design

Approved by or in compliance with

- DVGW (Deutschland)
- Water Regulations Advisory Scheme (United Kingdom)
- GOST-R (Russia)
- Hygiene and epidemic center in Moscow city (Russia)
- Attestation de Conformité Sanitaire (France)
- RoHS Compliant (EU)

NOTE: approvals apply to specific configurations/sizes only.

Threads

- EN 10226-1 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
- **WARNING**: do not exceed reasonable temperature and/or electrical load
- Handle removable with valve in service

Working pressure & temperature

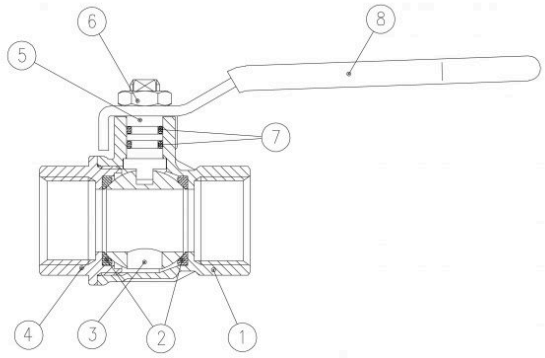
- 40 Bar (600 PSI) non-shock cold working pressure
- DIN-EN 13828 limitations for potable water: 10 bar (Kg/cm²) non-shock cold working pressure and +65°C temperature (occasional excursions up to 90°C are permitted for a period of 1 h maximum)
- -40°C (-40°F) / +150°C (+302°F)
- **WARNING**: freezing of the fluid in the installation may severely damage the valve

Options

- Taper male by parallel female threads
- T-handle
- Patented locking device
- Stubby handle
- Stem extension
- **RuB** memory stop designed to be installed with our stubby handle

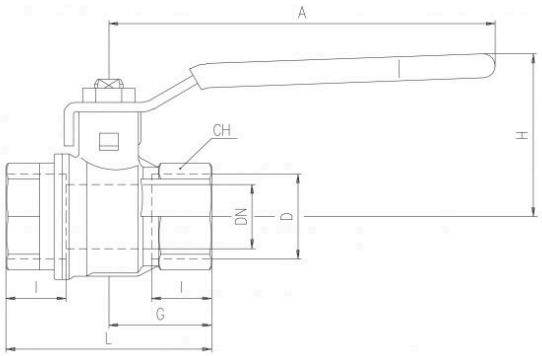
PED directive

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



1.1/4″ to 2″ hollow ball

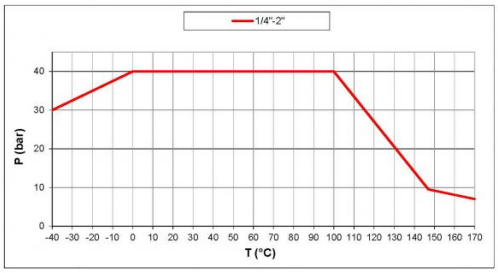
	PART DESCRIPTION	Q.TY	MATERIAL
1	Nickel plated body (external treatment)	1	CW617N
2	Seat	2	PTFE
3	Chrome plated ball with rinse hole (rinse hole on sizes from 3/4" up to 2")	1	CW617N
4	Nickel plated end-cap (external treatment)	1	CW617N
5	Nickel plated stem O-ring design	1	CW617N
6	Geomet® nut	1	CB4FF
7	O-Ring	2	EPDM
8	Green PVC coated Geomet® steel handle	1	DD11



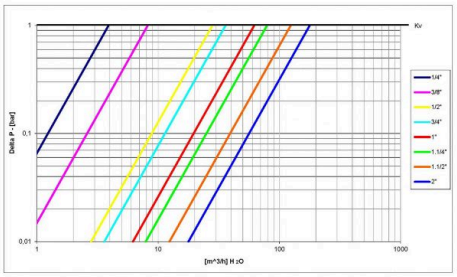
Code	S84B00W	S84C00W	S84D00W	S84E00W	S84F00W	S84G00W	S84H00W	S84I00W
D (Inch)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
DN (mm.)	8	10	15	20	25	32	40	50
I (mm.)	12	12	15.5	17	21	23	23	26.5
L (mm.)	45	45	59	64	81	93	102	121
G (mm.)	22.5	22.5	29.5	32	40.5	46.5	51	60.5
A (mm.)	82	82	100	120	120	158	158	158
H (mm.)	38	38	43	50	54	73	79	86
CH (mm.)	20	20	25	31	40	49	54	68.5

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.

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