RUBINETTERIE UTENSILERIE BONOMI

MEETING STANDARDS IS OUR STANDARD

s.84 EN331 Gas & Potable Water

1/4"- 2" hot forged brass ball valves

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
- Travel stops on body to avoid stresses at stem
- Chrome plated brass ball for longer life 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 FPM O-rings at the stem for maximum safety

Seals:

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

PED Directives:

- Assessment according to Pressure Equipment Directive 97/23 CE module B+D by Pascal (1115)

Threads:

- EN 10226-1, 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

Working Pressure:

- 40 Bar (600 PSI) non-shock cold working pressure
- DIN-EN 13828 limitations for Potable Water: 10 Bar non-shock cold working pressure and +65°C temperature (occasional excursions up to 90°C are permitted for a period of 1 h maximum)
- DIN-EN 331 limitations for Gas: 5 Bar non-shock cold working pressure or use with dangerous fluids temperature rating is 20°C +60°C and pressure rating is 5 Bar
- For use with dangerous fluids temperature rating is –20°C +60°C and pressure rating is 5 Bar

Working Temperature:

- -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
- AISI 430 stainless steel handle
- Patented locking device
- Taper male by parallel female threads
- Valve lenght according to DIN 3202 M3 specification (k.84 Model)

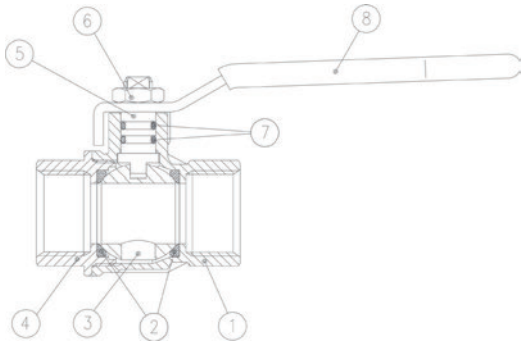
Upon Request:

- Glass filled PTFE ball seals
- Custom Design
- Special configuration for industrial oxygen application

Approved by or in compliance with:

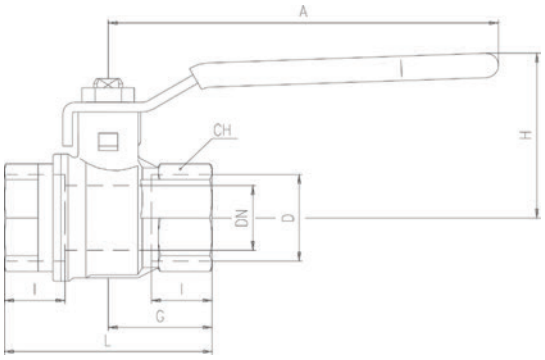
- DVGW (Deutschland)
- Danish Board of European Technical Approval for Construction Products - VA Approval (Danmark)
- The Australian Gas Association (Australia)
- Attestation de Conformité Sanitaire (France)
- GOST-R (Russia)
- Rostekhnadzor (Russia)
- Hygenic (Russia)
- UkrSepro (Ukraine)
- RoHS Compliant

NOTE: Approvals apply to specific configurations only



1.1/4"-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	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	FPM
8	Yellow PVC coated geo-met® steel handle	1	DD11

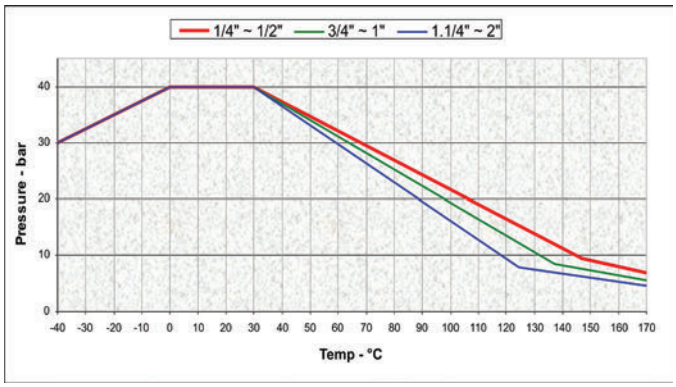


Code	S84B00GW	S84C00GW	S84D00GW	S84E00GW	S84F00GW	S84G00GW	S84H00GW	S84I00GW
D (Inch)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
DN (mm.)	8	10	15	20	25	32	40	50
I (mm.)	12	12	15.5	17	21	23	23	26.5
L (mm.)	45	45	59	64	81	93	102	121
G (mm.)	22.5	22.5	29.5	32	40.5	46.5	51	60.5
A (mm.)	82	82	100	120	120	158	158	158
H (mm.)	38	38	43	50	54	73	79	86
CH (mm.)	20	20	25	31	40	49	54	68.5

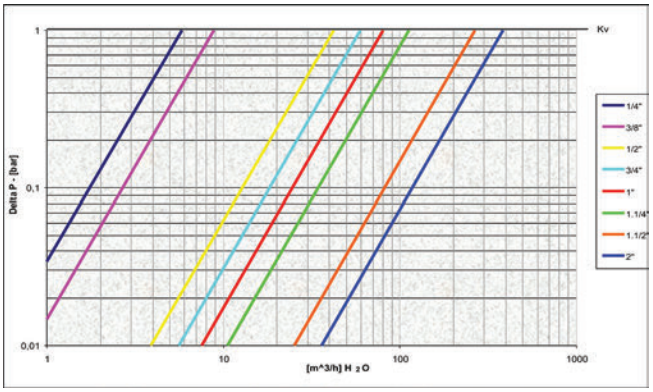
DN shows the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4.

Ball valves are marked CE on handle from 1.1/4" to 2" as follow: CE 1115 cat IIIB+D PS: 5 GAS TS1: -20°C TS2: +60°C

Pressure-Temperature Chart



Pressure DropChart



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