

## s.84 BSPT Gas

full port 1/4"-4"  
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
- 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 stresses at stem

### Body

- Hot forged sand blasted, 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

### Sealing

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

### Options up to 2" size

- Stem extension
- T-handle
- Oval lockable handle up to 2", round over 2"
- AISI 430 stainless steel handle
- Patented locking device for valves up to 4"
- Male by female threads
- Stubby handle
- **RuB** memory stop designed to be installed with our stubby handle

### Approved by or in compliance with

- The Australian Gas Association (Australia)
- Factory Mutual (United States)
- GOST-R (Russia)
- Hygiene and epidemic center in Moscow city (Russia)
- BSI Group (United Kingdom)
- RoHS Compliant (EU)

**NOTE:** approvals apply to specific configurations/sizes only.



### Threads

- ISO 7/1, BS 21 BSPT taper 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

### Working pressure & temperature

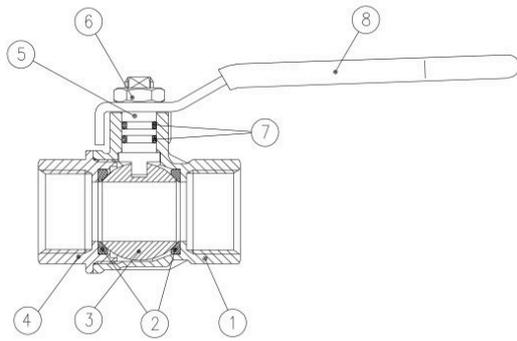
- 40 Bar (600 PSI) up to 2", 30 Bar (450 PSI) over 2" non-shock cold working pressure
- -40°C (-40°F)/ +170°C (+350°F)
- For use with dangerous fluids temperature rating is -20°C +60°C and pressure rating is 5 Bar
- AS4617 Limitation for GAS: 2100 Kpa up to 2" and 1500 Kpa from 2.1/2" to 4" rated working pressure and 0°C/ +60°C temperature
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

### Upon request

- AISI 316 stainless steel ball
- Glass filled PTFE seals
- Custom design

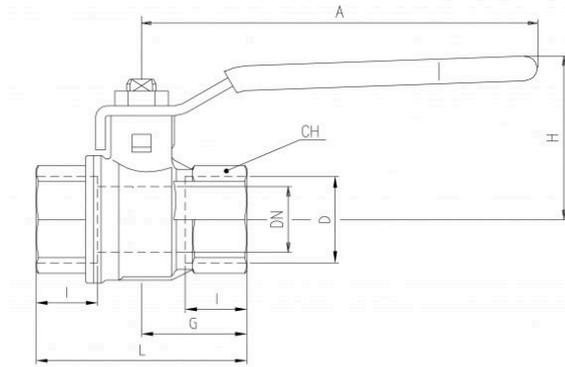
### PED Directive

- Assessment according to Pressure Equipment Directive 2014/68/UE module B+D by Pascal (1115)



	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 O-ring design	1	CW617N
6	Geomet® nut	1	CB4FF
7	O-Ring	2	FPM
8	Yellow PVC coated Geomet® steel handle	1	DD11

1.1/4"-2" hollow ball

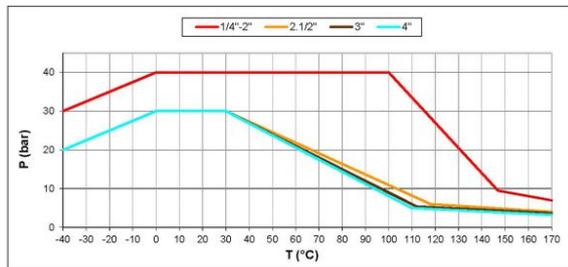


Code	S84B50	S84C50	S84D50	S84E50	S84F50	S84G50	S84H50	S84I50	S84L50	S84M50	S84N50
D (inch)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
DN (mm)	8	10	15	20	25	32	40	50	65	80	100
I (mm)	12	12	15.5	17	21	23	23	26.5	32	35	41.5
L (mm)	45	45	59	64	81	93	102	121	156	177	216
G (mm)	22.5	22.5	29.5	32	40.5	46.5	51	60.5	78	88.5	108
A (mm)	82	82	100	120	120	158	158	158	255	255	255
H (mm)	38	38	43	50	54	73	79	86	132	140	154
CH (mm)	20	20	25	31	40	49	54	68.5	85	99	125

DN shows the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4. Stem configuration of valves over 2" is slightly different.

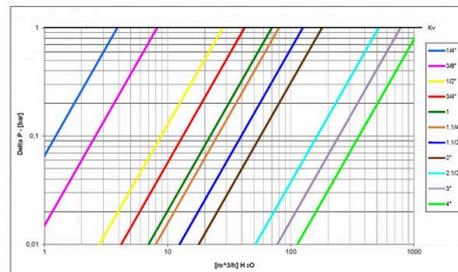
Ball valves are marked CE on handle from 1.1/4" to 2", on body over 2" as follow: CE 1115 cat IIIB+D PS: 5 GAS TS1:-20°C TS2: +60°C

**Pressure-temperature chart**



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**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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