



s.84 W

1/4" - 2"

EN 10226-1

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 stress 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 specifications

Stem

- Blowout-proof nickel plated brass stem
- Maintenance-free, double EPDM O-rings at the stem for maximum safety

Sealing

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

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

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 to +150°C (-40°F to +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

Upon request

- Glass filled PTFE seals
- Stainless steel handle (1.4016 / AISI 430)
- Special configuration for industrial oxygen application
- Custom design

PED directive

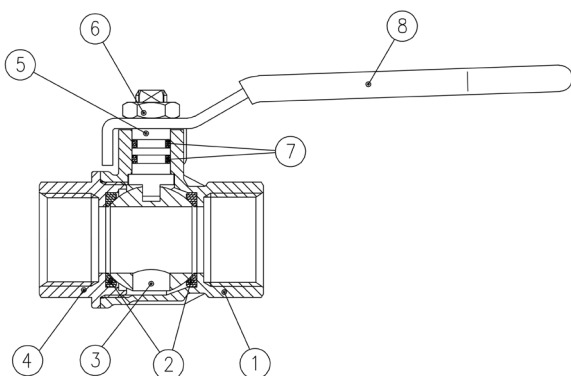
- According to 2014/68/UE module A: it cannot be used with dangerous gases in sizes larger than 25mm

Approved by or in compliance with

- RoHS Compliant (EU)
- GOST-R (Russia)
- DVGW (Germany)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)
- Water Regulations Advisory Scheme (United Kingdom)
- Attestation de Conformité Sanitaire (France)

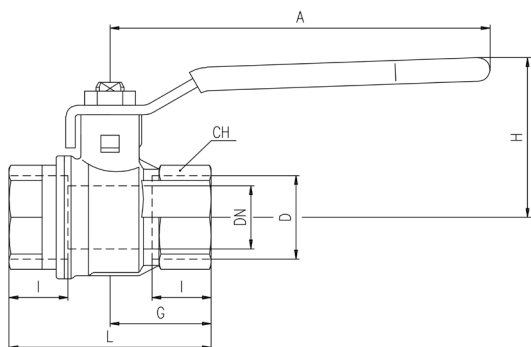
NOTE: approvals apply to specific configurations/sizes only.





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 (EN10263-2)
7	O-Ring	2	EPDM
8	Green PVC coated Geomet® steel handle	1	DD11 (EN10111)

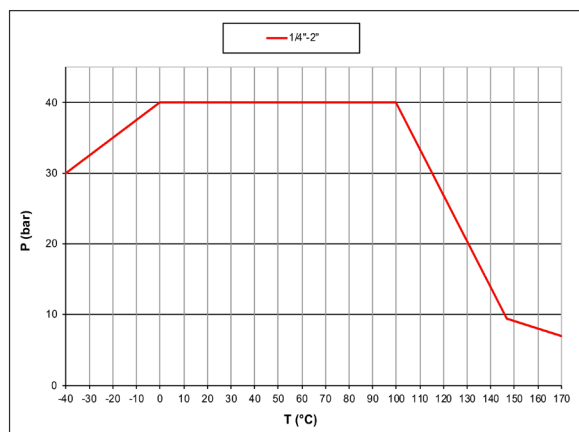


Code	S84B00W	S84C00W	S84D00W	S84E00W	S84F00W	S84G00W	S84H00W	S84I00W
D (Inch)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
DN (mm)	8	10	15	20	25	32	40	50
I (mm)	12	12	15.5	17	21	23	23	26.5
L (mm)	45	45	59	64	81	93	102	121
G (mm)	22.5	22.5	29.5	32	40.5	46.5	51	60.5
A (mm)	82	82	100	120	120	158	158	158
H (mm)	38	38	43	50	54	73	79	86
CH (mm)	17	20	25	31	40	49	54	68.5
Kv (m3/h)	3.9	8.2	28	36	62	79	124	178

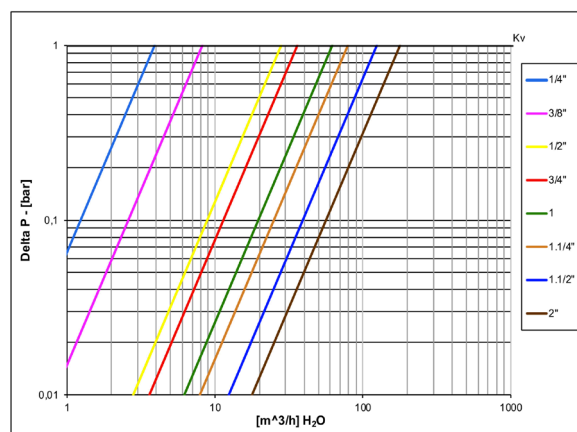
DN shows the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4.

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



XCES84W - 4711