



s.85

Female/Female
1/4" - 2"
EN 10226-1, packing gland



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 stress at stem

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
- 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

- 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) non-shock cold working pressure
- -40°C to +170°C (-40°F to +350°F)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

UPON REQUEST

- Stainless steel ball and/or stem (1.4401 / AISI 316)
- 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

- RoHS Compliant (EU)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)

NOTE: approvals apply to specific configurations/sizes only.

OPTIONS

- Oval lockable handle **1**
- Patented locking device **2**
- Stainless steel handle (1.4016 / AISI 430) **3**
- T-handle **4**
- Stem extension
- Stubby handle



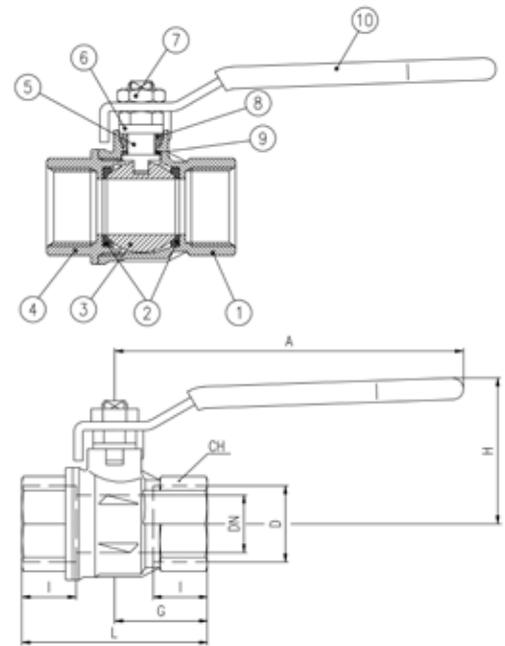
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Each user should perform his own tests to find out the suitability for his particular application. BONOMI INDUSTRIES makes no warranty, express or implied, as to the shape, fit or function of a product for any application. Contact us or consult with your supplier for additional information on the suitability of the BONOMI INDUSTRIES products with your specific field of use.



INDUSTRY

Part description	Q.ty	Material
1 Nickel plated body (external treatment)	1	CW617N
2 Seat	2	PTFE
3 Chrome plated ball	1	CW617N
4 Nickel plated end-cap (external treatment)	1	CW617N
5 Nickel plated stem packing gland design	1	CW617N
6 Nickel plated gland nut	1	CW617N
7 Geomet® nut	1	C4C (EN10263-2)
8 Packing gland seal	1	PTFE
9 Washer	1	PTFE carbon filled 25%
10 Black PVC coated Geomet® steel handle	1	DD11 (EN10111)



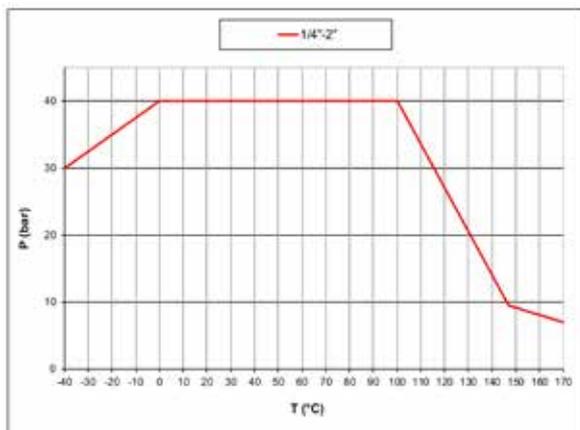
1 1/4"-2" hollow ball

Compliant to CE 2014/68/UE product
Equipment category I Module A

Code	S85B01	S85C01	S85D01	S85E01	S85F01	S85G01	S85H01	S85I01
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)	39,5	39,5	43	50,5	54,5	76	82	89
CH (mm)	17	20	25	31	40	49	54	68,5
Kv (m3/h)	3,9	8,2	28	42	70	80	125	179

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

