



S.51

Female/Female
1/2" - 2"
EN 10226-1



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 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 specifications

STEM

- Blowout-proof nickel plated brass stem
- Maintenance-free, double FPM 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

- Nominal port for compact design

OPTIONS

- Oval lockable handle ①
- Patented locking device ②
- Stem extension
- Stainless steel handle (1.4016 / AISI 430) ③
- T-handle ④
- Stubby handle
- **RuB** memory stop is designed to be installed with our stubby handle

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

- 30 bar (450 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

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.



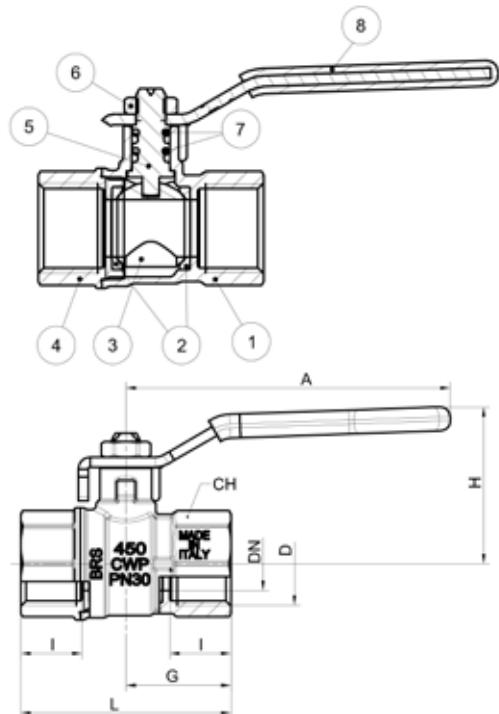
s.51 XCES51 - 6012

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.



Part description		Q.ty	Material
1	Nickel plated body (external nickel plated, unplated inside)	1	CW617N
2	Seat	2	PTFE
3	Chrome plated ball with rinse hole	1	CW617N
4	Nickel plated end-cap (external nickel plated, unplated inside)	1	CW617N
5	Nickel plated stem O-ring design	1	CW617N
6	Geomet® nut	1	C4C (EN10263-2)
7	O-Ring	2	FPM
8	Red PVC coated Geomet® steel handle	1	DD11 (EN10111)

1 1/4"-2" hollow ball



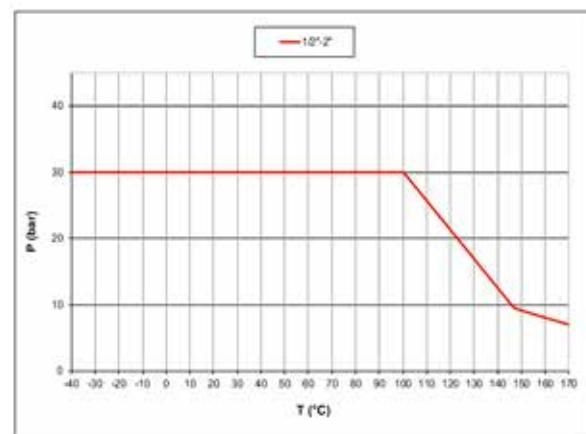
Compliant to CE 2014/68/UE product
Equipment category I Module A

Code	S51D00	S51E00	S51F00	S51G00	S51H00	S51I00
Size (inch)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
DN (mm)	13,5	18	22,5	28,5	36	45
I (mm)	15,5	17	21	23	23	26,5
L (mm)	53	62	75,5	89	98	116
G (mm)	26,5	31	37,7	44,5	49	58
A (mm)	82	100	120	120	158	158
H (mm)	39,5	43,5	52	57	75,5	82,5
CH (mm)	25	31	38	48	54	66
Kv (m³/h)	13,5	25	39	56	92	129

DN shows the nominal flow diameter.

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

