



# s.63

**Female/Female  
1/2" - 3"  
reduced port, ISO 228**



## 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 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
- Maintenance-free, double FPM O-rings at the stem for maximum safety

## SEALING

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

## THREADS

- ISO 228 female by female threads

## FLOW

- One size reduced port for compact design

## 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
- -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 (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

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

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

## OPTIONS

- Oval lockable handle up to 2 1/2", round over 2 1/2" **1**
- Patented locking device for valves up to 3" **2**
- Male by female ISO 228 threads up to 2"
- Stem extension up to 2 1/2"
- Stainless steel handle (1.4016 / AISI 430) up to 2 1/2" **3**
- T-handle up to 2 1/2" **4**
- Stubby handle up to 2"
- **RuB** memory stop is designed to be installed with our stubby handle



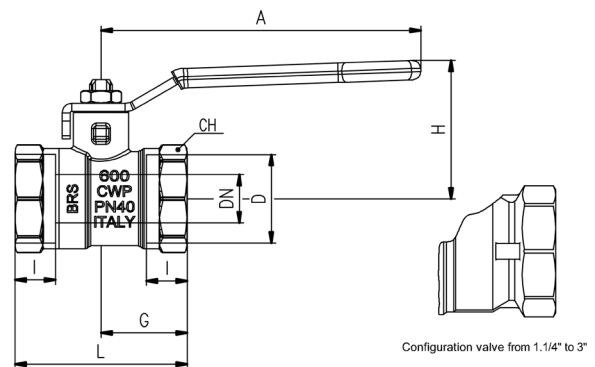
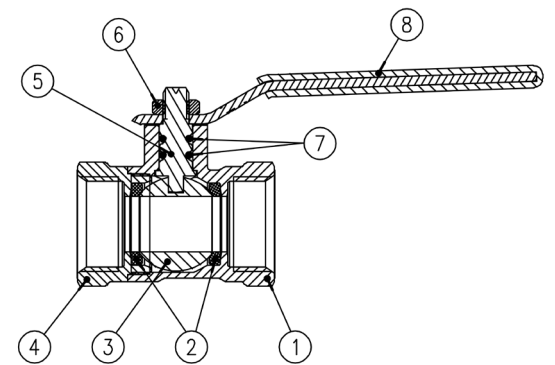
## s.63 XCES63 - 5813

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 up to 2")	1	CW617N
2	Seat	2	PTFE
3	Chrome plated ball	1	CW617N
4	Nickel plated end-cap (external nickel plated, unplated inside up to 2")	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 ½"-2 ½" hollow ball

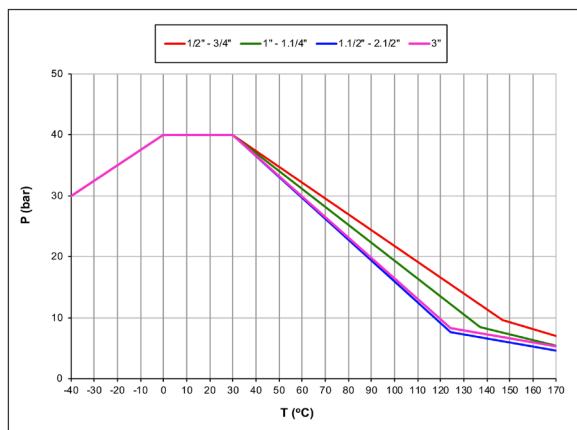


Code	S63D00	S63E00	S63F00	S63G00	S63H00	S63I00	S63L00	S63M00
D (Size)	1/2"	3/4"	1"	1 ¼"	1 ½"	2"	2 ½"	3"
DN (mm)	11,5	15	19	24	30	38	48	64
I (mm)	11	12	14	15	17	19	22	25
L (mm)	45	54	60	72	84	97	114	142
G (mm)	22	27	30	36	42	48,5	57	71
A (mm)	100	100	120	120	158	158	158	255
H (mm)	41	43	50	54	73	79	86	132
CH (mm)	25	31	38	49	54	68	85	99
Kv (m³/h)	7,2	13	19	33	47	68	179	516

DN shows the nominal flow diameter. Stem configuration of valves over 2 ½" is slightly different.

Ball valves are marked CE on handle from 1 ½" to 2 ½", on body over 2 ½" as follow: CE XXCODEXX Cat. I-A

### PRESSURE-TEMPERATURE CHART



### PRESSURE DROP CHART

