



s.88 BSPT

1/4" - 2"



H2 READY: product approved in EU acc.to EN331 (sizes 1/4" to 2") for the 1st, 2nd and 3rd gas families, therefore compatible with hydrogen use up to 50% in the gas mixture, as established in the 1st gas family of the EN437 (ref. G110)



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, unplated 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 7/1, BS 21 BSPT taper female by female threads

FLOW

- One size reduced port 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
- Male by female threads

PED DIRECTIVE

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

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

- NPT taper ANSI B.1.20.1 threads (s. 71 model with packing gland seal)
- Stem extension
- Oval lockable handle **1**
- Patented locking device **2**
- Stainless steel handle (1.4016 / AISI 430) **3**
- T-handle **4**
- Stubby handle
- **RuB** memory stop designed to be installed with our stubby handle



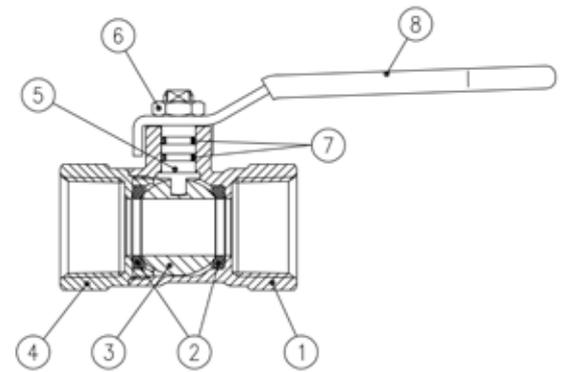
s.88 BSPT XGES8850 - 6012

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.



PLUMBING

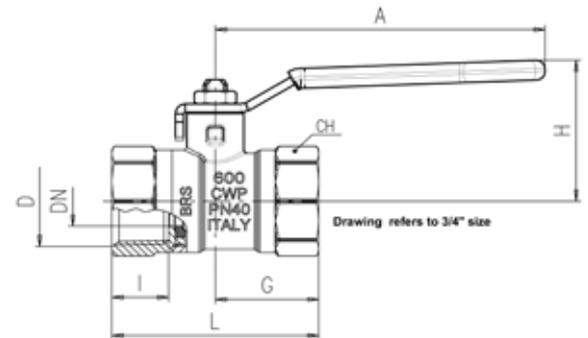
Part description		Q.ty	Material
1	Unplated body	1	CW617N
2	Seat	2	PTFE
3	Chrome plated ball	1	CW617N
4	Unplated end-cup	1	CW617N
5	Nickel plated stem O-ring design	1	CW617N
6	Geomet® nut	1	C4C (EN10263-2)
7	O-ring	2	FPM
8	Red PVC coated Geomet® steel handle	1	DD11 (EN10111)



1 1/2"-2" hollow ball

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

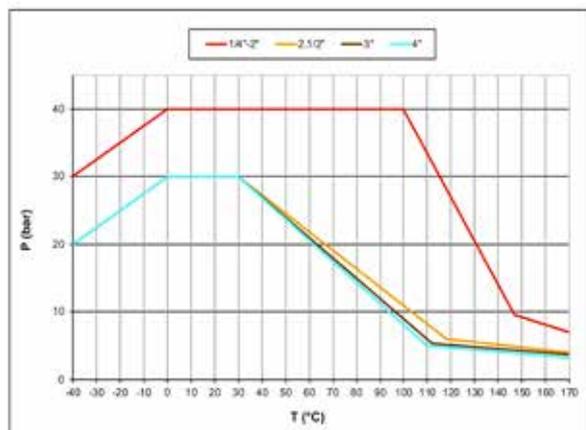
Code	S88B50	S88C50	S88D50	S88E50	S88F50	S88G50	S88H50	S88I50
D (inch)	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
DN (mm)	6	8	11.5	15	20	25	32	40
I (mm)	12	12	15.5	17	21	23	23	26.5
L (mm)	45	45	54	62	72	88	96	112
G (mm)	22.5	22.5	26.5	31	36	44	48	56
A (mm)	82	82	100	100	120	120	158	158
H (mm)	38	38	41	43	50	54	73	79
CH (mm)	20	20	25	31	38	49	54	68
Kv (m ³ /h)	1.6	2.6	7.2	13.0	19.0	33.0	47.0	68.0



DN shows the nominal flow diameter. Ball valves are marked CE on handle from 1 1/2" to 2" as follow:

CE XXCODEXX Cat. I-A

PRESSURE-TEMPERATURE CHART



PRESSURE DROP CHART

