



# s.84 W M/F

**Male/Female**  
**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, ISO 228 parallel female thread by EN10226-1, ISO7/1 taper male thread

## 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/cm<sup>2</sup>) 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

## 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)
- 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.

## OPTIONS

- Patented locking device ❶
- T-handle ❷
- Stubby handle
- Stem extension
- **RuB** memory stop designed to be installed with our stubby handle



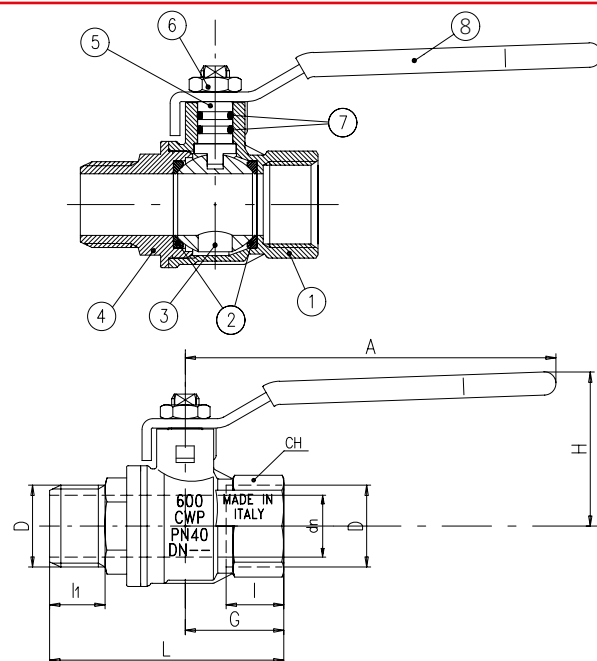
## s.84 W MF XGES84WM - 6012

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 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	C4C (EN10263-2)
7	O-Ring	2	EPDM
8	Green PVC coated Geomet® steel handle	1	DD11 (EN10111)

1 1/4" to 2" hollow ball



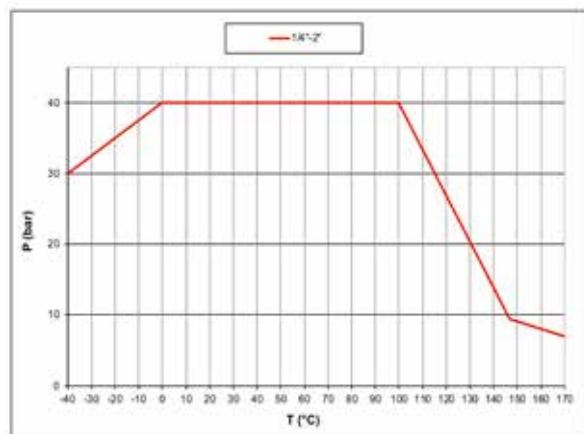
Compliant to CE 2014/68/UE product  
Equipment category I Module A

Code	S84B20W	S84C20W	S84D20W	S84E20W	S84F20W	S84G20W	S84H20W	S84I20W
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
I1 (mm)	13.5	13.5	16.5	18	22	24	24	27.5
L (mm)	56.5	56.5	70	76.5	92.5	106	113	133
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

