



# s.24 DZR

**Female/Female  
1/2" - 4"**

**EN 10226-1, dezincification-resistant**

Several governmental authorities recommend use of special alloys for valves handling water in areas where there is a problem of dezincification.

**RuB** DZR valves are designed to meet such requirements.

Through the use of new technology these valves retain the reliability and competitiveness of brass, but are comparable to bronze in corrosion resistance.

Be kind with yourself, make sure the valve that brings you pure fresh water is an **RuB** DZR valve.



## 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 DZR brass ball for longer life
- Handle stops on body to avoid stress at stem

## BODY

- Hot forged sand blasted DZR unplated body and cap sealed with Loctite® or equivalent thread sealant
- Dezincification resistant ADZ-T and ADZ-P brass approved to SBN-PFS 1983:2 and NR-BFS 1988:18 specifications

## STEM

- Maintenance-free, double FPM O-rings at the stem for maximum safety
- Blowout-proof unplated DZR brass stem

## 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
- 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

## UPON REQUEST

- Crimp/press end connections
- 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

- RoHS Compliant (EU)
- KIWA Regulation 4 a.k.a. KUKreg4 (United Kingdom)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)
- Water Regulations Advisory Scheme (United Kingdom)

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

## OPTIONS

- Oval lockable handle up to 2", round over 2" ①
- Patented locking device ②
- Stainless steel handle (1.4016 / AISI 430) ③
- **RuB** memory stop designed to be installed with our stubby handle
- T-handle ④
- CW617N brass body and components ⑤
- Brass stem extension ⑤
- Stubby handle up to 2"



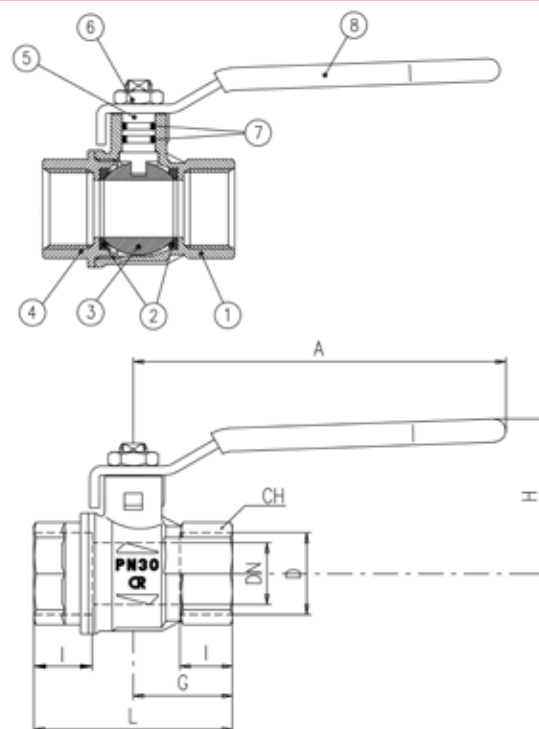
## s.24 DZR XCES24 - 6012

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	Unplated body	1	CW602N
2	Ball seat	2	PTFE
3	Chrome plated ball	1	CW602N
4	Unplated end-cap	1	CW602N
5	Unplated stem O-ring design	1	CW602N
6	Geomet® nut	1	C4C (EN10263-2)
7	O-Ring	2	FPM
8	White PVC coated Geomet® steel handle	1	DD11 (EN10111)

1 1/4"-2" hollow ball

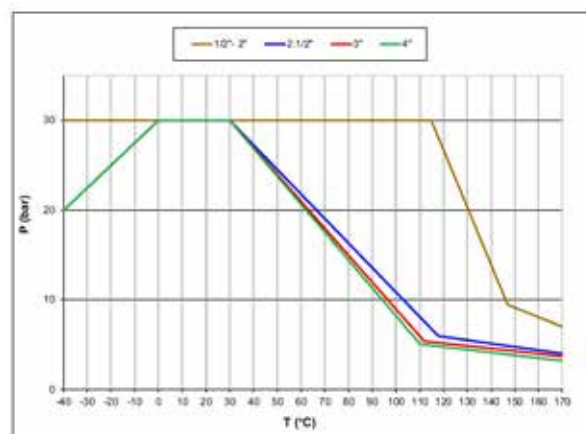


Compliant to CE 2014/68/UE product Equipment category I Module A

Code	S24D00	S24E00	S24F00	S24G00	S24H00	S24I00	S24L00	S24M00	S24N00
D (inch)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
DN (mm)	15	20	25	32	40	50	65	80	100
I (mm)	15.5	17	21	23	23	26.5	32	35	41.5
L (mm)	59	64	81	93	102	121	156	177	216
G (mm)	29.5	32	40.5	46.5	51	60.5	78	88.5	108
A (mm)	100	120	120	158	158	158	255	255	255
H (mm)	43	50	54	73	79	86	132	140	154
CH (mm)	25	31	40	49	54	68.5	85	99	125
Kv (m³/h)	28	42	70	80	125	179	516	776	1130

DN shows the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4. Stem configuration of valves over 2" is slightly different. Ball valves are marked CE on handle from 1 1/4" to 2", on body over 2" as follow: CE XXCODEXX Cat. I-A

### PRESSURE-TEMPERATURE CHART



### PRESSURE DROP CHART

