



s.21 DZR

12 - 54 mm solder ends
for insulation
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

Sealing

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

Connections

- Solder ends to NS1759 and ISO 2016

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

- 16 bar (230 PSI) non-shock cold working pressure
- -40°C to +170°C (-40°F to +350°F)
- Applicable to valve, not to solder joints
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

Options

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

Upon request

- Stainless steel ball (1.4401 / AISI 316)
- Glass filled PTFE seals
- Custom design

PED directive

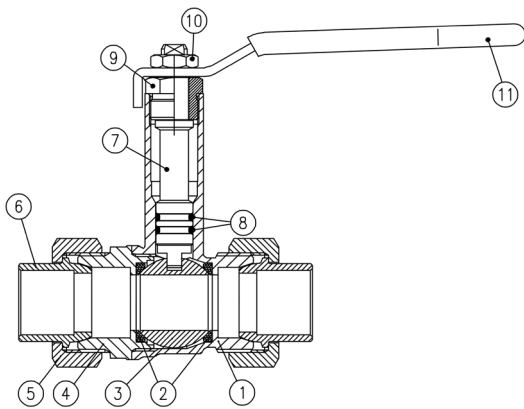
- The product described in this document meets the requirements of PED Directive 2014/68/UE and according to art.4 par.3, it does not require CE marking; it cannot be used with dangerous gases in sizes larger than 25mm

Approved by or in compliance with

- RoHS Compliant (EU)
- GOST-R (Russia)
- Kiwa-Swedcert (Sweden)
- Ri.se. / Boverket (Sweden)

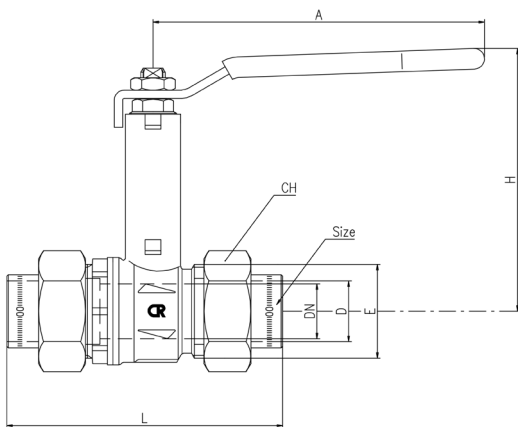
NOTE: approvals apply to specific configurations/sizes only.





Hollow ball for D 35-42-54

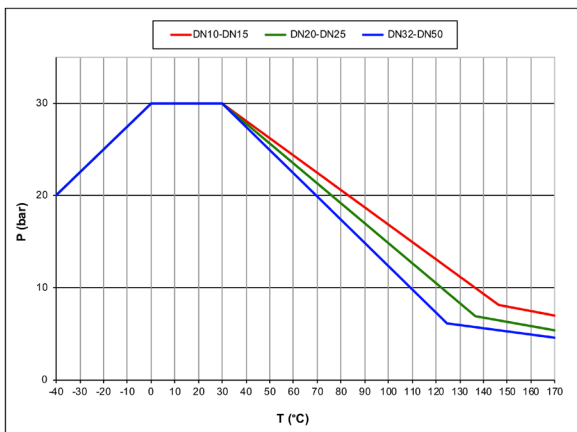
Part description	Q.ty	Material
1	1	CW602N
2	2	PTFE
3	1	CW602N
4	1	CW602N
5	2	CW617N
6	2	CC491K
7	1	CW602N
8	2	FPM
9	1	CW617N
10	1	CB4FF (EN10263-2)
11	1	DD11 (EN10111)



DN shows the nominal flow diameter.

Valve code	S21C12W	S21D15W	S21E18W	S21E22W	S21F28W	S21G35W	S21H42W	S21I54W
D (mm)	12	15	18	22	28	35	42	54
E (mm)	M22x1.5	M26x1.5	M34x1.5	M34x1.5	M40x2	M50x2	M55x2	M70x2
DN (mm)	10	15	16	20	25	32	40	50
L (mm)	80	90	100	100	115	129	143	161
A (mm)	100	100	120	120	120	158	158	158
H (mm)	85	88	95	95	99	124	130	137
CH (mm)	26	30	38	38	46	55	62	78
Kv (m ³ /h)	9.6	28	42	42	70	80	125	179

Pressure-temperature chart



The given data of the pressure-temperature chart refer to the valve body

Pressure drop chart

