RUBINETTERIE UTENSILERIE BONOMI

ISO 9001

s.21 DZR solder ends

12 - 54 mm with extended stem for insulation hot forged ball valves

Several governmental authorities recommend use of special alloys for valves handling water in areas where there is a problem of dezincification. ***RuB*** CR 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*** CR 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
- 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 stresses 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:

- Two FPM O-rings at the stem for maximum safety

Sealing:

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

PED Directives:

- 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

Threads:

- Solder ends to NS1759 and ISO 2016

Flow:

- Full Port

Handle:

- Geomet® carbon steel handle with thick PVC dip coating. Handle coating offers both thermal and electrical protection
- Handle removable with valve in service

Working Pressure:

- 16 Bar (230 PSI) non-shock cold working pressure

Working Temperature:

- -40°C (-40°F) / +170°C (+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
- AISI 430 stainless steel handle
- Patented locking device

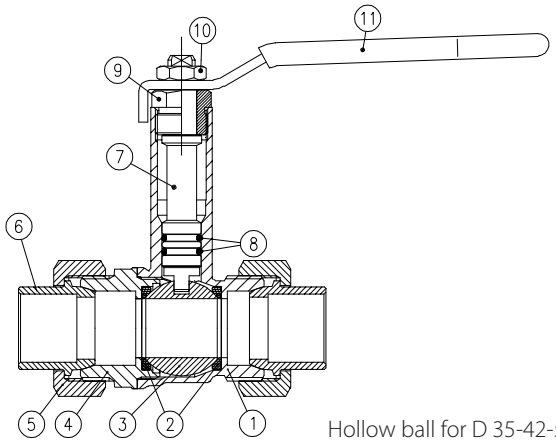
Upon Request:

- AISI 316 stainless steel ball
- Glass filled PTFE seals
- Custom design

Approved by or in compliance with:

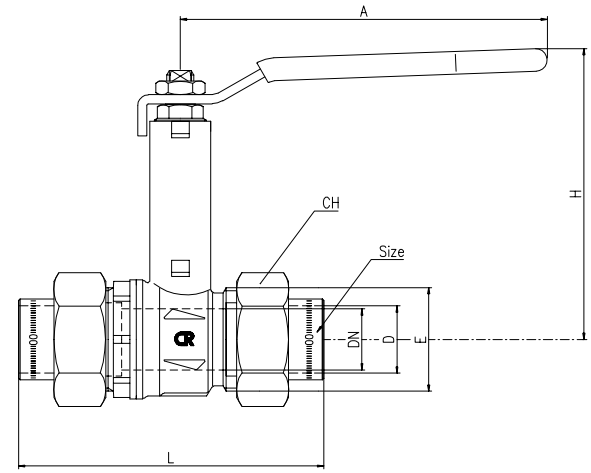
- Swedcert (Sweden)
- GOST-R (Russia)
- Hygiene and epidemic center in Moscow city (Russia)
- UkrSepro (Ukraine)
- RoHS Compliant (EU)
- EAC - Declaration of conformity (Russia-Kazakhstan-Belarus)

NOTE: Approvals apply to specific configurations/sizes only.



Hollow ball for D 35-42-54

	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 nut	2	CW617N
6	Unplated solder end hose	2	CC491K
7	Unplated extended stem O-ring design	1	CW602N
8	O-Ring	2	FPM
9	Unplated nut	1	CW617N
10	Geomet® nut	1	CB4FF
11	White PVC coated Geomet® steel handle	1	DD11

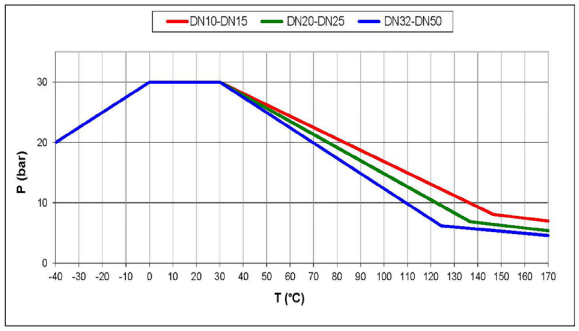


Valve code	S21C12W	S21D15W	S21E18W	S21E22W	S21F28W	S21G35W	S21H42W	S21I54W
D (mm)	12	15	18	22	28	35	42	54
E (mm)	M22x1.5	M26x1.5	M34x1.5	M34x1.5	M40x2	M50x2	M55x2	M70x2
DN (mm)	10	15	16	20	25	32	40	50
L (mm)	80	90	100	100	115	129	143	161
A (mm)	100	100	120	120	120	158	158	158
H (mm)	86	88	95	95	99	108.5	114.5	121.5
CH (mm)	26	30	38	38	46	55	62	78

DN shows the nominal flow diameter.

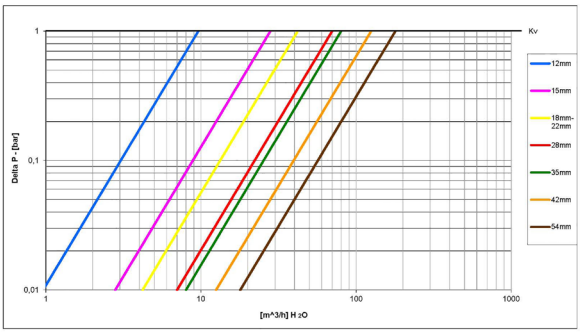
Ask for additional information on the whole range of ***RuB*** valves and consult with your supplier for special applications.

Pressure-Temperature Chart



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

Pressure Drop Chart



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