

# s.20 DZR

## full port 1/4"-2" dezincification-resistant 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
- Blowout-proof unplated DZR brass stem

### Sealing:

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

### PED Directives:

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



### Threads:

- 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

### Working Pressure:

- 30 Bar (450 PSI) non-shock cold working pressure

### Working Temperature:

- -40°C (-40°F) / +170°C (+350°F)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

### Options:

- CW617N brass body and components
- T-handle
- Oval lockable handle
- AISI 430 stainless steel handle
- Patented locking device
- Brass stem extension

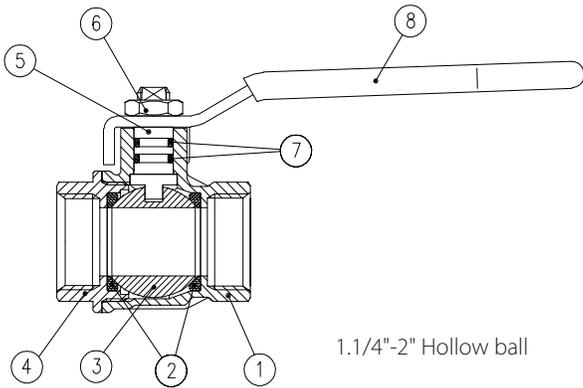
### Upon Request:

- AISI 316 stainless steel ball
- Glass filled PTFE seals
- Custom design
- Male by female threads

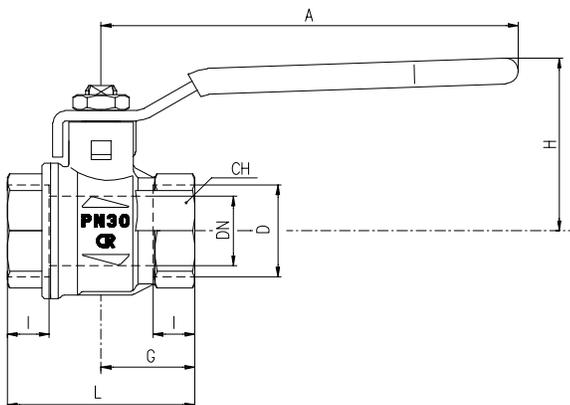
## Approved by or in compliance with:

- Water Regulations Advisory Scheme (United Kingdom)
- Public Utilities Board (Singapore)
- 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.



Part description	Q.ty	Material
1	1	CW602N
2	2	PTFE
3	1	CW602N
4	1	CW602N
5	1	CW602N
6	1	CB4FF
7	2	FPM
8	1	DD11

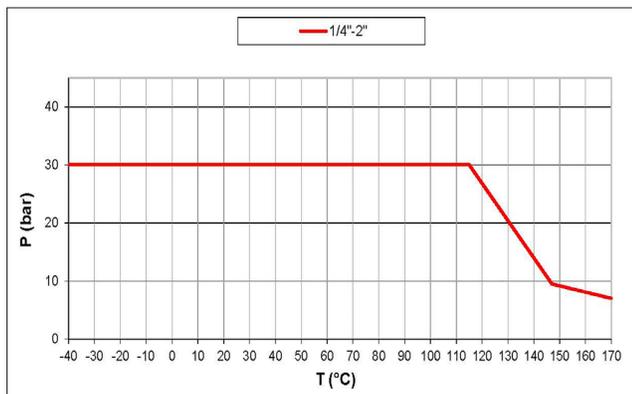


Code	S20B00	S20C00	S20D00	S20E00	S20F00	S20G00	S20H00	S20I00
D (inch)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
DN(mm)	8	10	15	20	25	32	40	50
I (mm)	9	9	11	12	14	15	17	19
L (mm)	39	39	50	54	67	77	90	106
G (mm)	19,5	19,5	25	27	33,5	38,5	45	53
A (mm)	100	100	100	120	120	158	158	158
H (mm)	39	39	43	50	54	73	79	86
CH(mm)	20	20	25	31	38	48	54	66

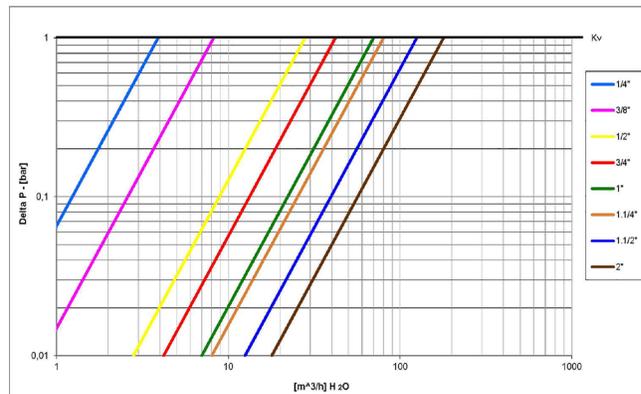
DN shows the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4.

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

### Pressure-Temperature Chart



### Pressure Drop Chart



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