



CHRYSSAFIDIS

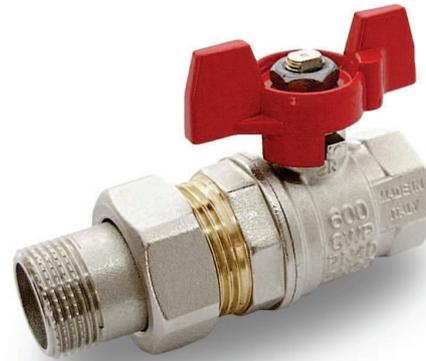
RUBINETTERIE UTENSILERIE BONOMI



s.90 union connection

full port 1/2"-1.1/4"

hot forged brass ball valves



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
- T-handle clearly shows ball position
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Handle stops on body to avoid stresses at stem

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

Seals:

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

PED Directives:

- According to 97/23 CE module A: it cannot be used with dangerous gases in sizes larger than 25mm



Threads:

- ISO 228 female by union male threads

Flow:

- Full port to DIN 3357 for maximum flow

Handle:

- Aluminum T-handle up to 1", Geomet® carbon steel T-handle with thick PVC dip coating over 1"

Working Pressure:

- 40 Bar (600 PSI)
- non-shock cold working pressure

Working Temperature:

- -40°C (-40°F) / +150°C (+302°F)
- Warning: freezing of the fluid in the installation may severely damage the valve

Options:

- Stem extension
- Oval lockable handle
- AISI 430 stainless steel handle
- Patented locking device
- Geomet® carbon steel handle with thick PVC dip coating. Handle coating offers both thermal and electrical protection.

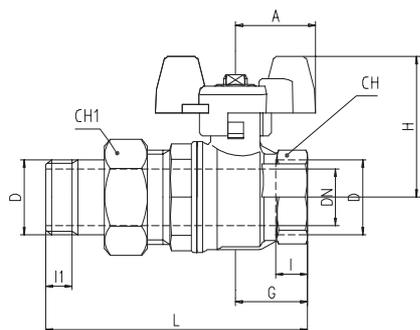
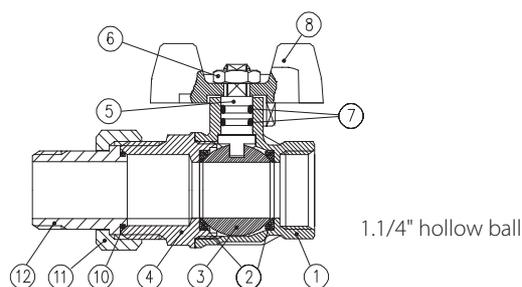
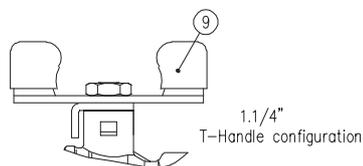
Upon Request:

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


CHRYSSAFIDIS
Approved by or in compliance with:

- GOST-R (Russia)
- Hygiene and epidemic center in Moscow city (Russia)
- UkrSepro (Ukraine)

- RoHS Compliant
- EAC - Declaration of conformity (Russia-Kazakhstan-Belarus)

NOTE: Approvals apply to specific configurations/sizes only.


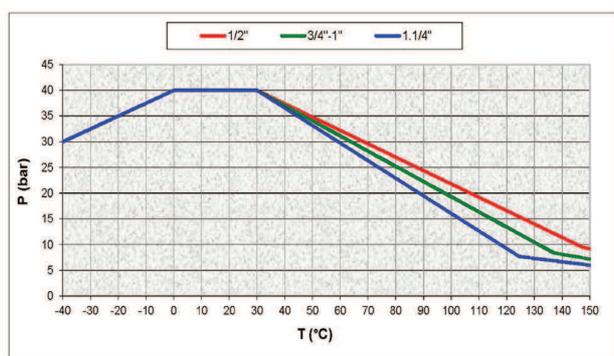
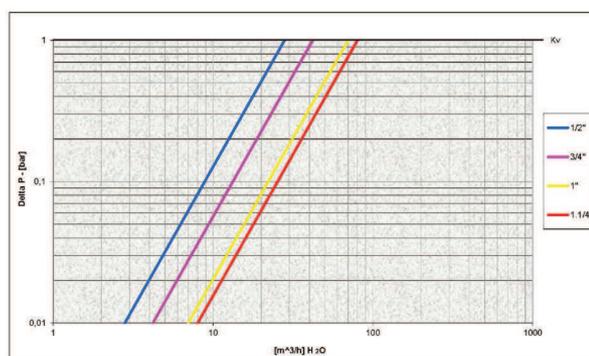
| PART DESCRIPTION | Q.TY | MATERIAL |
|--|------|----------|
| 1 Nickel plated body (external treatment) | 1 | CW617N |
| 2 Seat | 2 | PTFE |
| 3 Chrome plated ball | 1 | CW617N |
| 4 Nickel plated end cap (external treatment) | 1 | CW617N |
| 5 Nickel plated stem O-ring design | 1 | CW617N |
| 6 Geomet® nut | 1 | CB4FF |
| 7 O-Ring | 2 | FPM |
| 8 Red T-handle | 1 | Aluminum |
| 9 Red PVC coated Geomet® steel T-handle | 1 | DD11 |
| 10 O-Ring | 1 | EPDM |
| 11 Nickel plated nut | 1 | CW617N |
| 12 Nickel plated hose | 1 | CW617N |

| Code | S90D36 | S90E36 | S90F36 | S90G36 |
|----------|--------|--------|--------|--------|
| D (inch) | 1/2 | 3/4 | 1 | 1 1/4 |
| DN (mm) | 15 | 20 | 25 | 32 |
| I1 (mm) | 10 | 12 | 14 | 15 |
| I (mm) | 11 | 12 | 14 | 15 |
| L (mm) | 85 | 98 | 113 | 126.5 |
| G (mm) | 25 | 27 | 33.5 | 38.5 |
| A (mm) | 25 | 30 | 30 | 57 |
| H (mm) | 43 | 49 | 53 | 84.5 |
| CH (mm) | 25 | 31 | 38 | 48 |
| CH1(mm) | 30 | 37 | 46 | 52 |

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

Ball valves are marked CE on body 1.1/4" size as follow:
CE XXCODEXX Cat. I-A

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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XCES9036 - Rev: 3703

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