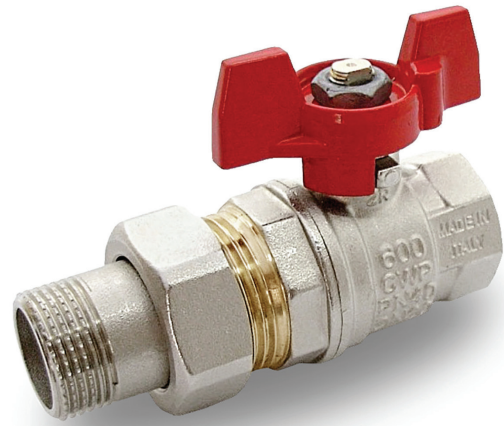




# s.9036

1/2" - 1 1/4"  
ISO 228  
union connection



## 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 stress 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
- Maintenance-free, double FPM O-rings at the stem for maximum safety

## SEALING

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

## 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"
- Handle removable with valve in service

## WORKING PRESSURE & TEMPERATURE

- 40 bar (600 PSI) non-shock cold working pressure
- -40°C to +150°C (-40°F to +302°F)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

## UPON REQUEST

- 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)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)

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

## OPTIONS

- Stem extension
  - Oval lockable handle
  - Patented locking device
  - Stainless steel handle (1.4016 / AISI 430)
  - Geomet® carbon steel handle with thick PVC dip coating.
- Handle coating offers both thermal and electrical protection
- Stubby handle
  - **RuB** memory stop is designed to be installed with our stubby handle

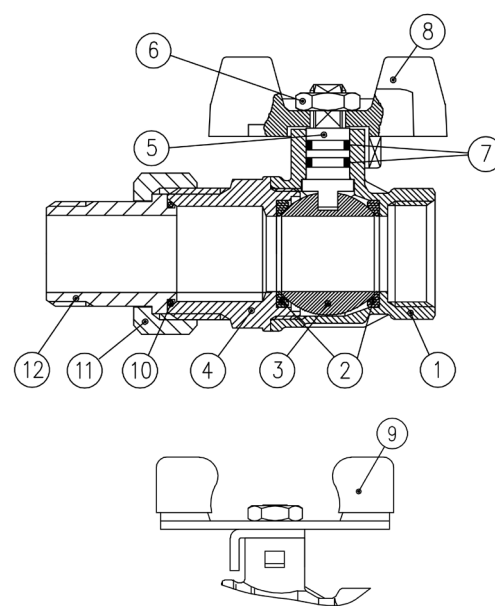
## s.9036 XCES9036 - 5813

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.



PLUMBING

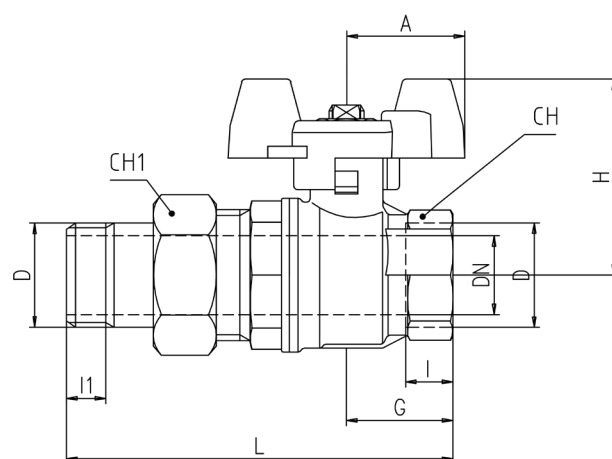
	Part description	Q.ty	Material
1	Nickel plated body (external nickel plated, unplated inside)	1	CW617N
2	Seat	2	PTFE
3	Chrome plated ball	1	CW617N
4	Nickel plated end-cap (external nickel plated excluding male thread, unplated inside)	1	CW617N
5	Nickel plated stem O-ring design	1	CW617N
6	Geomet® nut	1	C4C (EN10263-2)
7	O-ring	2	FPM
8	Red T-handle	1	EN AC-46100
9	Red PVC coated Geomet® steel T-handle	1	DD11 (EN10111)
10	O-Ring	1	EPDM
11	Nickel plated nut	1	CW617N
12	Nickel plated hose	1	CW617N



1.1/4"  
T-Handle configuration

1 1/4" hollow ball

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	47	51	84,5
CH (mm)	25	31	38	48
CH1 (mm)	30	37	46	52
Kv (m³/h)	28	42	70	80

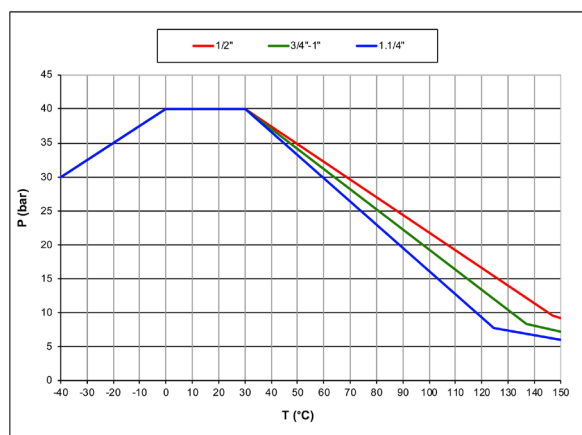


DN show the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4.

Ball valves are marked CE on body 1 1/4" size as follow:

CE XXCODEXX Cat. I-A

### PRESSURE-TEMPERATURE CHART



### PRESSURE DROP CHART

