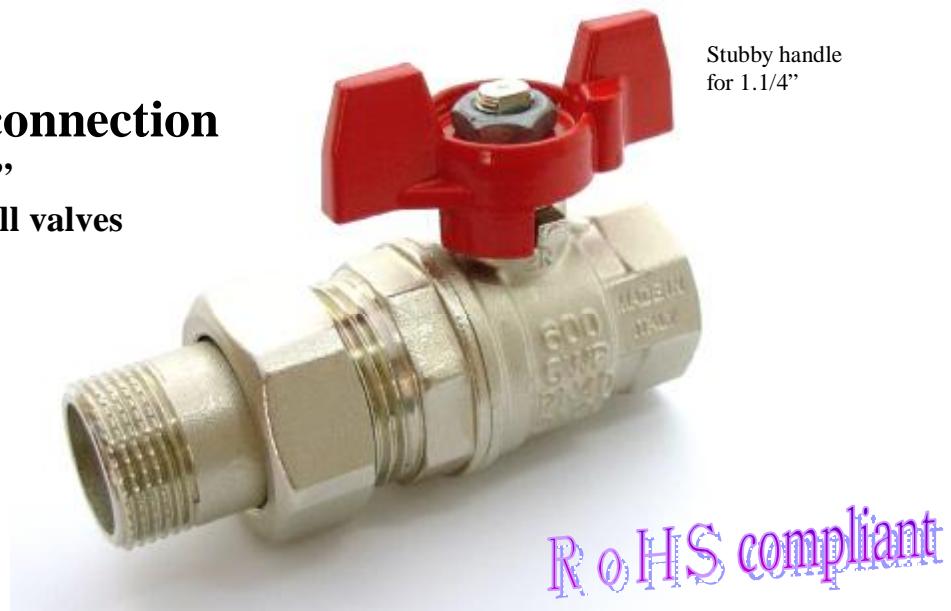


# S.90 union connection

full port 1/2"÷1.1/4"  
hot forged brass ball valves



## Features and Specifications:

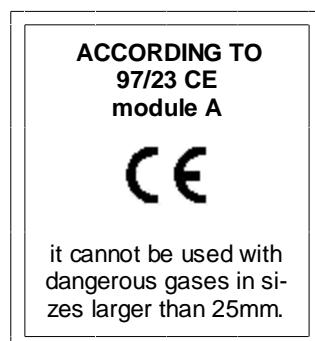
- \* **Hot forged** sand blasted, nickel plated brass body and cap sealed with Loctite,
- \* Finest brass according to **EN 12165** and **EN12164** specifications,
- \* **Full port** to DIN 3357 for maximum flow,
- \* **24h 100%** seal test guaranteed,
- \* Pure virgin **PTFE** self-lubricating seats with flexible-lip design,
- \* Dual sealing system allows valve to be operated in either direction making **installation easier**,
- \* Chrome plated brass ball for **longer life**,
- \* **No metal-to-metal** moving parts,
- \* **Blowout-proof** nickel plated brass stem,
- \* Two FPM O-rings at the stem for **maximum safety**,
- \* **No maintenance** ever required,
- \* Handle stops on body to **avoid stresses** at stem,
- \* **Geomet®** carbon steel handle with thick PVC dip coating,
- \* Handle clearly shows **ball position**,
- \* **ISO 228** Female by union male threads,
- \* **Silicone-free** lubricant on all seals,
- \* 40 bar (Kg/cm<sup>2</sup>) non-shock cold working **pressure**,
- \* -40°C +150°C **temperature** (Warning: freezing of the fluid in the installation may severely damage the valve),

## Options:

- \* **Stem extension**,
- \* **T-handle**,
- \* **Oval lockable handle**,
- \* **AISI 430 stainless steel handle**,
- \* **Patented locking device**.

## Upon request:

- \* **AISI 316 stainless steel ball and/or stem**,
- \* **Glass filled PTFE** seals,
- \* Custom design.





**RUBINETTERIE UTENSILERIE BONOMI SRL**  
VIA PADANA SUPERIORE, 27/29 - FRAZ. CILIVERGHE, 25080 MAZZANO (BS) - ITALY

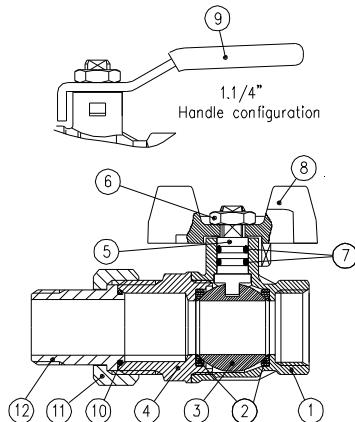
Fax+39 030 2629498

Phone+39 030 212441

[www.rubvalves.com](http://www.rubvalves.com)

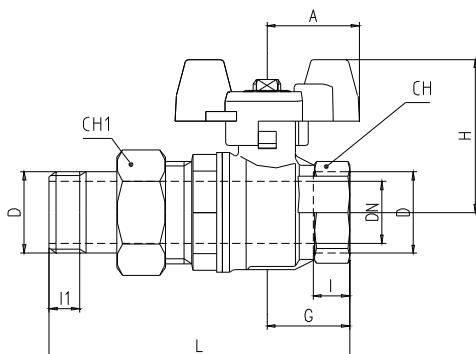
[sales@rubvalves.com](mailto:sales@rubvalves.com)

1.1/4" hollow ball



1.1/4 Ball valve is  
Marked CE on handle  
as follow  
 S90  
Cat. I - A

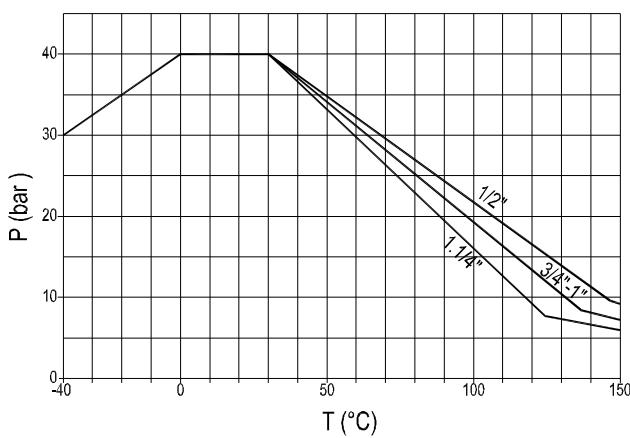
PART DESCRIPTION		Q.ty	Material
1	Nickel plated body	1	CW617N
2	Seat	2	Pfle
3	Chrome plated ball	1	CW617N
4	Nickel plated end cap	1	CW617N
5	Nickel plated stem O-ring design	1	CW617N
6	Geomet®nut	1	CB4FF
7	O-ring	2	FPM
8	Red T-handle	1	AlumInium
9	Red PVC coated geomet®stubby steel handle	1	DD11
10	O-ring	1	EPDM
11	Nickel plated nut	1	CW617N
12	Nickel plated hose	1	CW617N



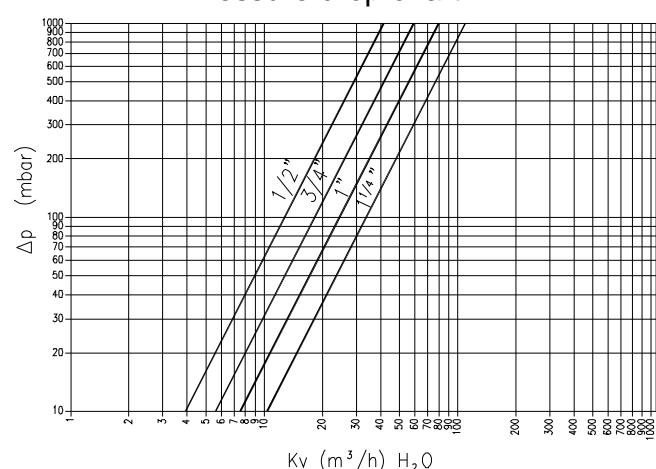
Code	S90D36	S90E36	S90F36	S90G36
D (inch)	1/2	3/4	1	1 1/4
DN (mm)	15	20	25	32
I1 (mm)	10	12	14	15
I (mm)	11	12	14	15
L (mm)	85	98	113	126.5
G (mm)	25	27	33.5	38.5
A (mm)	25	30	30	100
H (mm)	43	47	51	73
CH (mm)	25	31	38	48
CH1(mm)	30	37	46	52

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

Pressure -Temperature chart



Pressure drop chart



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



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