



## S.82 NPT

1/2" - 2" side drain



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

### Body

- Hot forged sand blasted, unplated brass body and cap sealed with Loctite® or equivalent thread sealant
- Side drain allows easy and safe downstream line venting
- 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

- NPT taper ANSI B.1.20.1 female by female threads
- 1/4" NPT side tap

### 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
- **WARNING:** do not exceed reasonable temperature and/or electrical load
- Handle removable with valve in service

### Working pressure & temperature

- 600 PSI (40 bar) non-shock cold working pressure
- 250 PSI (17 bar) non-shock working pressure for LP-Gas
- -40°F to +350°F (-40°C to +170°C)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

### Options

- Stem extension
- T-handle
- Oval lockable handle
- Stainless steel handle (1.4016 / AISI 430)
- Patented locking device
- Stubby handle
- **RuB** memory stop designed to be installed with our stubby handle

### Upon request

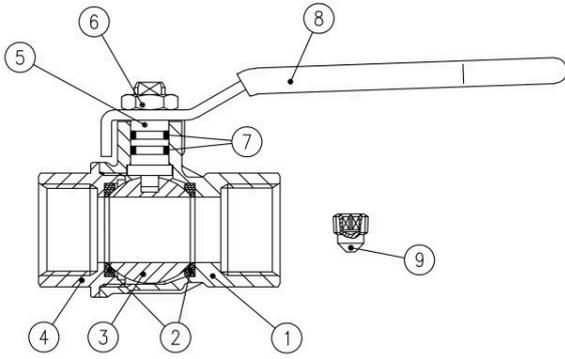
- Stainless steel ball and/or stem (1.4401 / AISI 316)
- Glass filled PTFE seals
- Custom design
- Dual side drain port

### Approved by or in compliance with

- Canadian standards Association (United States, Canada)
- GOST-R (Russia)
- RoHS Compliant (EU)
- Underwriters Laboratories (United States, Canada):
  - Guide YSDT: LP-Gas shut-off valve
  - Guide YRBX: Flammable liquid shut-off valve
  - Guide YRPV: Gas shut-off valve for use with natural and manufactured gases
  - Guide MHKZ: No. 6 oil at 250°F

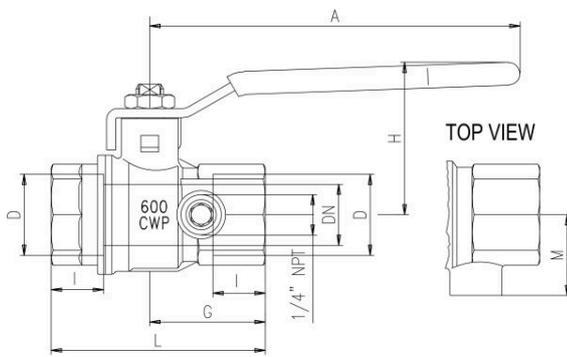
**NOTE:** approvals apply to specific configurations/sizes only.





	PART DESCRIPTION	Q.TY	MATERIAL
1	Unplated body	1	CW617N
2	Seat	2	PTFE
3	Chrome plated ball	1	CW617N
4	Unplated end-cap	1	CW617N
5	Nickel plated stem O-ring design	1	CW617N
6	Geomet® nut	1	CB4FF (EN10263-2)
7	O-Ring	2	FPM
8	Yellow PVC coated Geomet® steel handle	1	DD11 (EN10111)
9	Unplated plug	1	CW617N

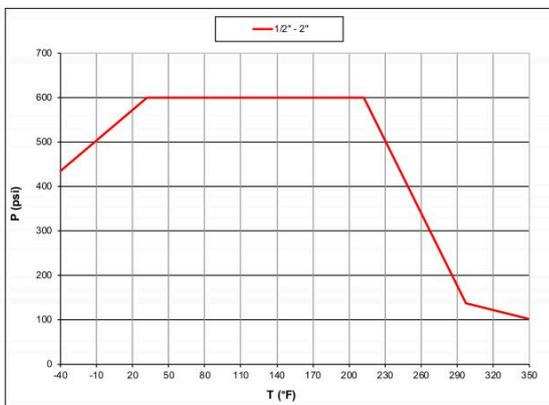
1.1/4"- 2" hollow ball



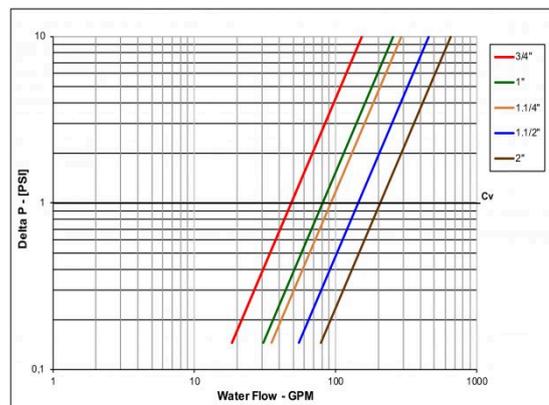
Code	S82D41	S82E41	S82F41	S82G41	S82H41	S82I41
D (inch)	1/2	3/4	1	1 1/4	1 1/2	2
DN (inch)	0.590	0.787	0.984	1.259	1.574	1.968
I (inch)	0.610	0.669	0.826	0.905	0.905	1.043
L (inch)	2.559	2.736	3.405	3.878	4.232	4.960
G (inch)	1.397	1.476	1.811	2.047	2.224	2.578
A (inch)	3.937	4.724	4.724	6.220	6.220	6.220
H (inch)	1.679	1.956	2.114	2.858	3.094	3.370
M (inch)	0.964	1.063	1.200	1.338	1.516	1.752
CH (inch)	0.984	1.220	1.574	1.929	2.125	2.696
Cv (GPM)	32.3	48.5	80.9	92.4	144.4	206.8

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** products and consult with your supplier for special applications.  
For complete disclaimer: [www.rubvalves.com/disclaimer](http://www.rubvalves.com/disclaimer)