



s.80 NPT

full port 3/4"-2"
hot forged brass gas cock
with tamper proof lockwing



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
- Cover 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
- Special design to combine newest technologies in valve and traditional gas-cock requirements
- Finest brass according to EN 12165 and EN 12164 (formerly DIN 17660 and UNI 5705-65) specifications

Stem

- Blowout-proof unplated 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

Flow

- Full port to DIN 3357 for maximum flow

Handle

- Hot forged brass tamper proof lockwing

Working pressure & temperature

- 600 PSI non-shock cold working pressure
- -40°F/ +350°F
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

Options

- Male by female NPT threads

Upon request

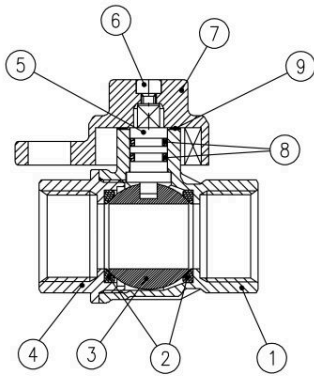
- Painted gray

Approved by or in compliance with

- Canadian standards Association (United States, Canada)
- GOST-R (Russia)
- RoHS Compliant (EU)
- Underwriters Laboratories (United States & Canada)

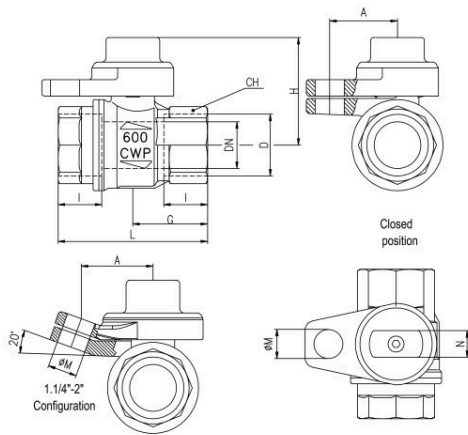
NOTE: approvals apply to specific configurations/sizes only.





	PART DESCRIPTION	Q.TY	MATERIAL
1	Unplated NPT body	1	CW617N
2	Seat	2	PTFE
3	Chrome plated ball	1	CW617N
4	Unplated NPT end-cap	1	CW617N
5	Unplated stem O-ring design	1	CW617N
6	Stainless steel screw	1	AISI304
7	Unplated lockwing	1	CW617N
8	O-Ring	2	FPM
9	Washer (from 3/4" to 2")	1	PTFE glass filled 25%

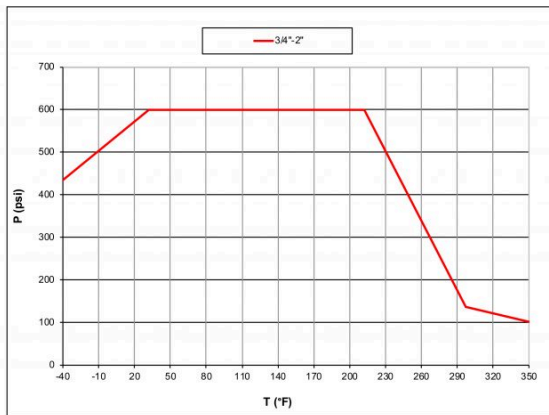
1.1/4"-2" hollow ball



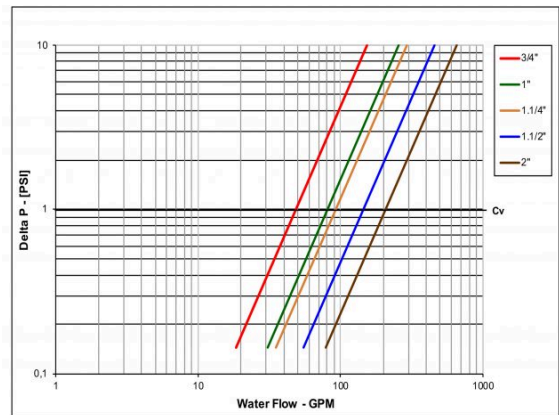
Code	S80E41	S80F41	S80G41	S80H41	S80I41
D (inch)	3/4	1	1 1/4	1 1/2	2
DN (inch)	0.787	0.984	1.259	1.574	1.968
I (inch)	0.669	0.826	0.905	0.905	1.043
L (inch)	2.519	3.188	3.661	4.015	4.763
G (inch)	1.259	1.594	1.830	2.007	2.381
A (inch)	1.142	1.142	1.208	1.208	1.208
H (inch)	1.801	1.958	2.519	2.756	3.031
M (inch)	0.492	0.492	0.472	0.472	0.472
N (inch)	0.449	0.449	0.563	0.563	0.563
CH (inch)	1.220	1.574	1.929	2.125	2.696
Cv (GPM)	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.rubinc.com/disclaimer

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