



s.8042 NPT

**Male/Female
3/4" - 2"
with tamper proof locking**



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
- Chrome plated brass ball for longer life
- Handle stops on body to avoid stress at stem

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 gascock requirements
- Finest brass according to EN 12165 and EN 12164 specifications

STEM

- Blowout-proof nickel 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 male by female threads

FLOW

- Full port to DIN 3357 for maximum flow

HANDLE

- Hot forged brass tamper proof locking

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 / +170°C)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

UPON REQUEST

- * For sales within EU: CE marking needed, please contact us

APPROVED BY OR IN COMPLIANCE WITH

- Canadian standards Association (United States, Canada)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)
- 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.

OPTIONS

- Female by female NPT threads

s.8042 NPT XCES8042 - 6012

Each user should perform his own tests to find out the suitability for his particular application. BONOMI INDUSTRIES SRL 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 SRL products with your specific field of use.

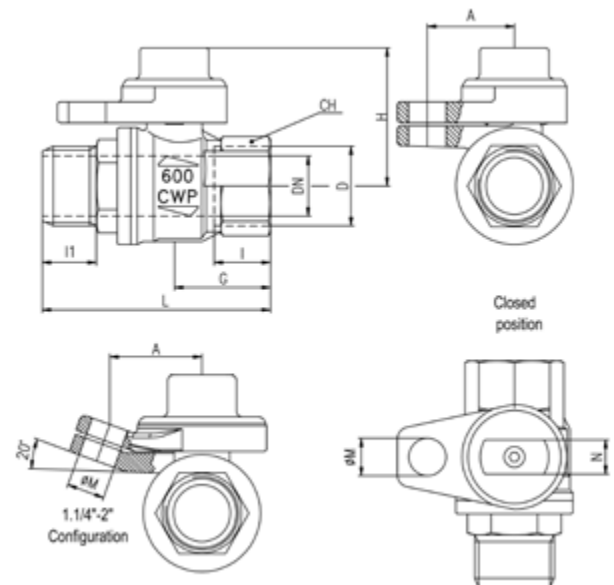
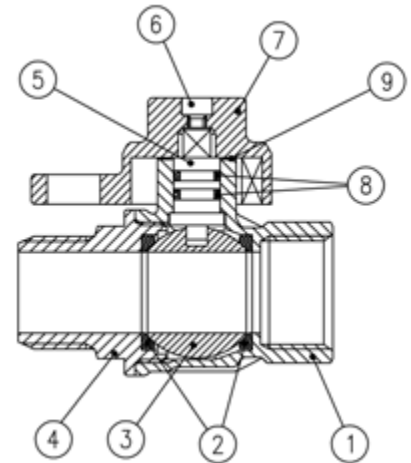


Part description		Q.ty	Material
1	Unplated NPT body	1	CW617N
2	Seat	2	PTFE
3	Chrome plated ball	1	CW617N
4	Unplated NPT male end-cap	1	CW617N
5	Unplated stem O-ring design	1	CW617N
6	Stainless steel screw	1	1.4301 / AISI 304
7	Unplated lockwing	1	CW617N
8	O-Ring	2	FPM
9	Washer (from 3/4" to 2")	1	PTFE glass filled 25%

1 1/4"-2" hollow ball

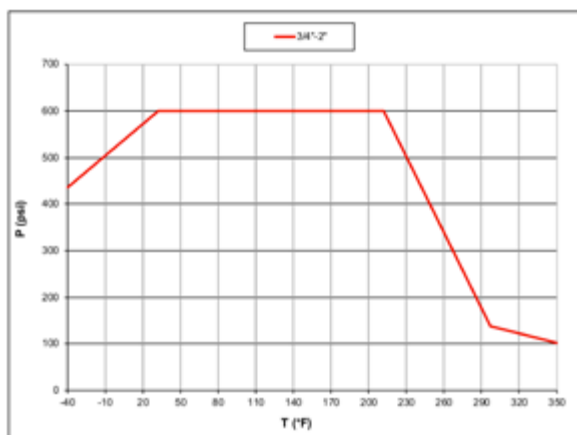
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Code	S80E42	S80F42	S80G42	S80H42	S80I42
D (inch)	3/4"	1"	1 1/4"	1 1/2"	2"
DN (inch)	0.748	0.945	1.181	1.496	1.890
I (inch)	0.669	0.827	0.906	0.906	1.043
II (inch)	0.709	0.866	0.945	0.945	1.083
L (inch)	2.992	3.642	4.173	4.449	5.236
G (inch)	1.260	1.594	1.831	2.008	2.382
A (inch)	1.142	1.142	1.209	1.209	1.209
H (inch)	1.831	1.988	2.559	2.795	3.071
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	1.575	1.929	2.126	2.697
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

