



s.80 NPT

Female/Female
3/4" - 2"
gas cock 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
- Handle stops on body to avoid stresses 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 gascock requirements
- Finest brass according to EN 12165 and EN 12164 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 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/ +350°F (-40°C / +170°C)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

UPON REQUEST

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

APPROVED BY OR IN COMPLIANCE WITH

- 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
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)
- Canadian standards Association (United States, Canada)
- RoHS Compliant (EU)
- Kuwait Fire Service Directorate (Kuwait)

NOTE: approvals apply to specific configurations/sizes only.

OPTIONS

- Male by female NPT threads



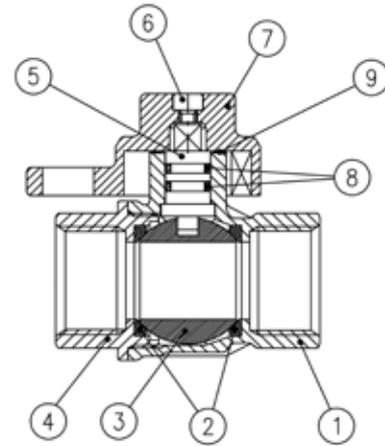
s.80 NPT XCES80 - 6012

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.



GAS

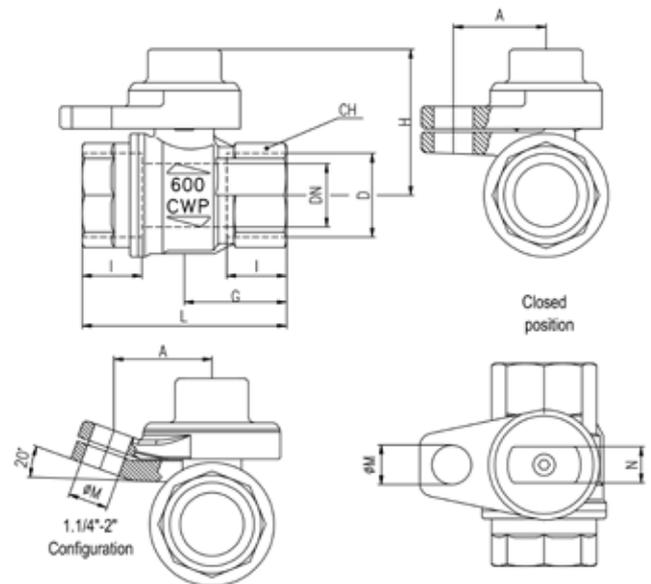
Part description	Q.ty	Material
1 Unplated NPT body	1	CW617N
2 Seat	2	PTFE
3 Chrome plated ball	1	CW617N
4 Unplated NPT end-cap	1	CW617N
5 Unplated stem O-ring design	1	CW617N
6 Stainless steel screw	1	1.4301 / AISI304
7 Unplated lockwing	1	CW617N
8 O-Ring	2	FPM
9 Washer (from 3/4" to 2")	1	PTFE glass filled 25%



1 1/4"-2" hollow ball

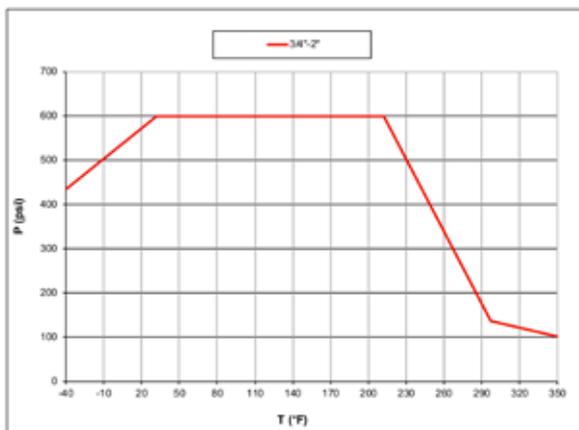
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Code	S80E41	S80F41	S80G41	S80H41	S80I41
D (inch)	3/4"	1"	1 1/4"	1 1/2"	2"
DN (inch)	0.748	0.945	1.181	1.496	1.890
I (inch)	0.669	0.827	0.906	0.906	1.043
L (inch)	2.520	3.189	3.661	4.016	4.764
G (inch)	1.260	1.594	1.831	2.008	2.382
A (inch)	1.142	1.142	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

