



# s.71 NPT

**Female/Female**  
**1/2" - 4"**  
**standard port**



## 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
- Handle 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
- Finest brass according to EN 12165 and EN 12164 specifications

## STEM

- Blowout-proof nickel plated brass stem
- Pure PTFE adjustable packing gland and reinforced washer for lower torque and easy maintenance
- Triple stem seals in sizes over 2 1/2"

## SEALING

- Pure PTFE self-lubricating seats with flexible-lip design

## THREADS

- NPT taper ANSI B.1.20.1 female by female threads

## FLOW

- Standard port for compact design

## OPTIONS

- Oval lockable handle up to 2 1/2", round over 2 1/2" **①**
- Patented locking device **②**
- Stem extension up to 2 1/2"
- Stainless steel handle (1.4016 / AISI 430) up to 2 1/2" **③**
- T-handle up to 2 1/2" **④**
- Stubby handle up to 2"
- **RuB** memory stop is designed to be installed with our stubby handle

## HANDLE

- Geomet® carbon steel handle with thick PVC dip coating. Handle coating offers both thermal and electrical protection

## WORKING PRESSURE & TEMPERATURE

- 600 PSI non-shock cold working pressure
- \*150 psig non-shock steam working pressure. Not suitable for throttling steam.
- -40°F/+366°F
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

## UPON REQUEST

- Stainless steel ball and/or stem (1.4401 / AISI 316)
- Glass filled PTFE seals
- Custom design
- \* For sales within EU: CE marking needed, please contact us

## APPROVED BY OR IN COMPLIANCE WITH

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

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



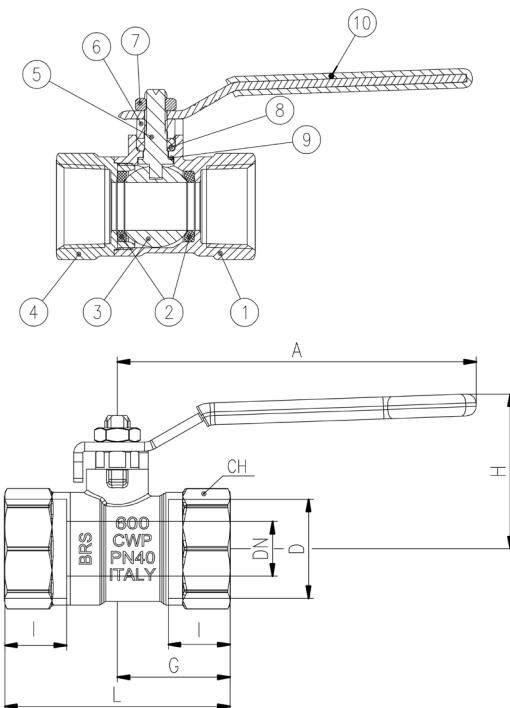
# s.71 XCES71 - 6012

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.



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 packing gland design	1	CW617N
6	Nickel plated gland nut	1	CW617N
7	Geomet® nut	1	C4C (EN10263-2)
8	Packing gland seal	1	PTFE
9	Washer	1	PTFE carbon filled 25%
10	Black PVC coated Geomet® steel handle	1	DD11 (EN10111)

1 1/2"-2 1/2" hollow ball



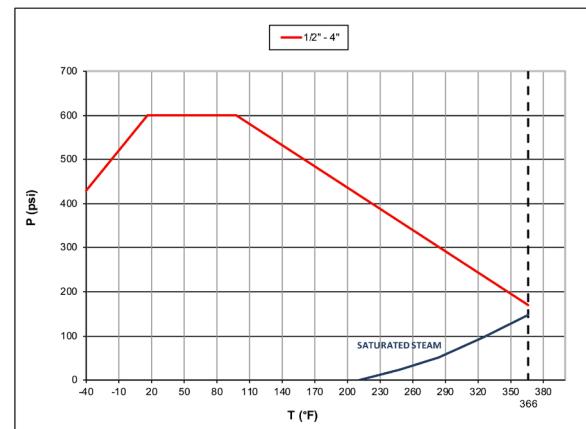
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Code	S71D41	S71E41	S71F41	S71G41	S71H41	S71I41	S71L41	S71M41	S71N41
<b>Size (inch)</b>	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
<b>DN (inch)</b>	0.453	0.590	0.748	0.945	1.181	1.496	1.890	2.520	2.992
<b>I (inch)</b>	0.61	0.669	0.827	0.905	0.905	1.043	1.26	1.378	1.634
<b>L (inch)</b>	2.126	2.441	2.835	3.464	3.779	4.409	5.276	6.378	7.48
<b>G (inch)</b>	1.043	1.22	1.417	1.732	1.89	2.205	2.638	3.189	3.74
<b>A (inch)</b>	3.937	3.937	4.724	4.724	6.22	6.22	6.22	10.039	10.039
<b>H (inch)</b>	1.693	1.695	1.984	2.153	2.988	3.236	3.5	5.197	5.512
<b>CH (inch)</b>	0.984	1.22	1.496	1.929	2.126	2.677	3.346	3.898	4.921
<b>Cv (GPM)</b>	8.3	15	22	38.1	54.3	78.6	206.8	596.2	896.5

DN shows the nominal flow diameter.

Stem configuration of valves over 2 1/2" is slightly different.

## PRESSURE-TEMPERATURE CHART



## PRESSURE DROP CHART

