



s.195 & flare

**Female/Female
flare 37°
by solder end 1/2" – 3/4", 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
- 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
- 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

SEALING

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

THREADS

- 1/2" flare 37° by 1/2" solder end
- 3/4" flare 37° by 3/4" solder end

FLOW

- Standard port for compact design

HANDLE

- Aluminum T-handle enameled red
- **WARNING:** do not exceed reasonable temperature and/or electrical load

WORKING PRESSURE & TEMPERATURE

- 600 PSI (for solder joints rating see table 1) non-shock cold working pressure
- -4°F to +350°F (for solder joints rating see table 1)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

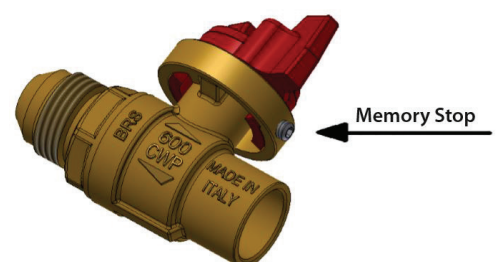
APPROVED BY OR IN COMPLIANCE WITH

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

NOTE: approvals apply to specific configurations/sizes only.

OPTIONS

- Stainless steel handle (1.4016 / AISI 430)
 - Geomet® carbon steel handle with thick PVC dip coating.
- Handle coating offers both thermal and electrical protection
- Stubby handle
 - Upon request
 - Memory stop

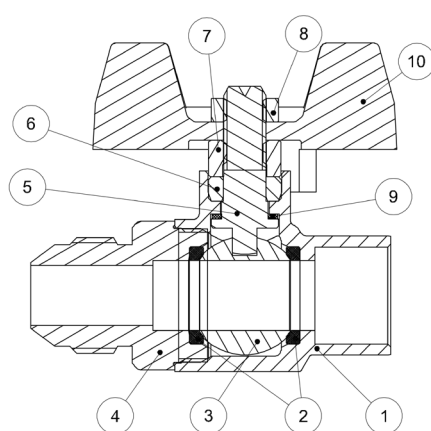


s.195 NPT & FLARE XCE19540 - 5813

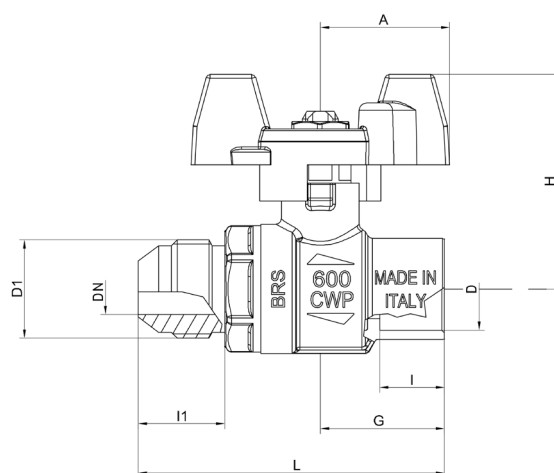
Each user should perform his own tests to find out the suitability for his particular application. BONOMI INDUSTRIES makes no warranty, express or implied, as to the shape, fit or function of a product for any application. Contact us or consult with your supplier for additional information on the suitability of the BONOMI INDUSTRIES products with your specific field of use.



Part description	Q.ty	Material
1 Sand blasted unplated body	1	CW617N
2 Seat	2	PTFE
3 Chrome plated ball	1	CW617N
4 Sand blasted unplated end-cap	1	CW617N
5 Nickel plated stem packing gland design	1	CW617N
6 Packing gland seal	1	PTFE
7 Nickel plated gland nut	1	CW617N
8 Geomet® nut	1	C4C (EN10263-2)
9 Washer	1	PTFE carbon filled 25%
10 Red T-handle	1	EN AC- 46100



Code	195D40	195E40
D (inch)	0.63"	0.877"
D1 (inch)	3/4-16 UNF 2A	1.1/16-12 UN 2A
DN (inch)	0.39	0.61
I (inch)	0.49	0.748
I1 (inch)	0.66	0.862
L (inch)	2.33	3.031
G (inch)	0.94	1.319
A (inch)	0.98	0.98
H (inch)	1.63	1.705
Cv (GPM)	5.8	14.5



DN shows the nominal flow diameter.

TABLE 1 PRESSURE - TEMPERATURE RATINGS

Joining material	Melting range degrees		Working temperature degrees		Maximum working gauge pressure					
					Size 1/8" - 1"		Size 1 1/4" - 2"		Size 2 1/2" - 4"	
	°F	°C	°F	°C	PSI	kPa	PSI	kPa	PSI	kPa
50-50 tin-lead solder* ASTM B32 alloy grade 50 A	361/421	185/215	0/+100	-18/+38	200	1400	176	1200	150	1050
			0/+150	-18/+66	150	1050	125	850	100	700
			0/+200	-18/+93	100	700	90	600	75	500
			0/+250	-18/+121	85	600	75	500	50	350
95-5 tin-antimony solder ASTM B32 alloy grade 95TA	450/464	230/240	0/+100	-18/+38	500**	3500**	400**	2800**	300**	2100**
			0/+150	-18/+66	400**	2800**	350**	2400**	275**	2000**
			0/+200	-18/+93	300**	2100**	250**	1700**	200	1400
			0/+250	-18/+121	200	1400	175	1200	150	1050

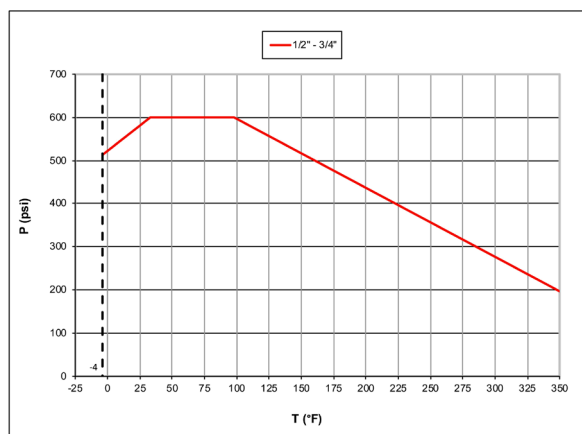
Note:

Above stated limits are not imposed by the valve, but by the strength of the soldering joint according to ASME B16.22.

* This alloy contains more than 0,2% lead and, according to certain specifications, cannot be used for potable water or other foods.

** Soldered copper tube joints have been tested at 230 PSI (1600 kPa) in accordance with ISO 2016

PRESSURE-TEMPERATURE CHART



PRESSURE DROP CHART

