



## s.195

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 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
- 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

### 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

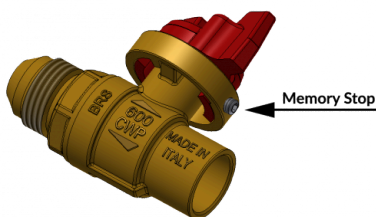
### Upon request

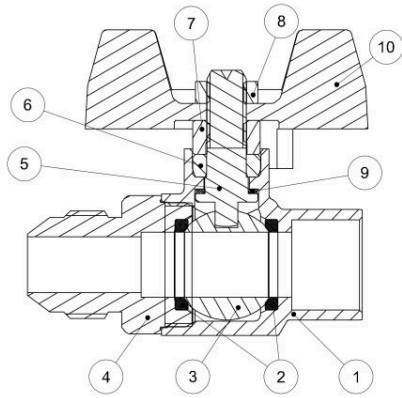
- Memory stop

### Approved by or in compliance with

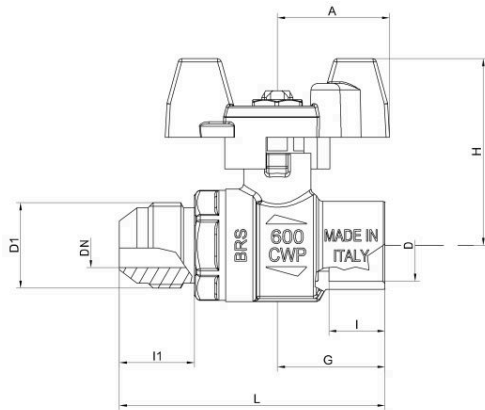
- Canadian standards Association (United States, Canada)
- GOST-R (Russia)
- RoHS Compliant (EU)

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





	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	CB4FF (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.

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

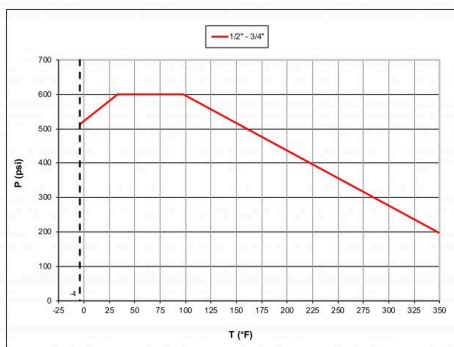
Note:

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

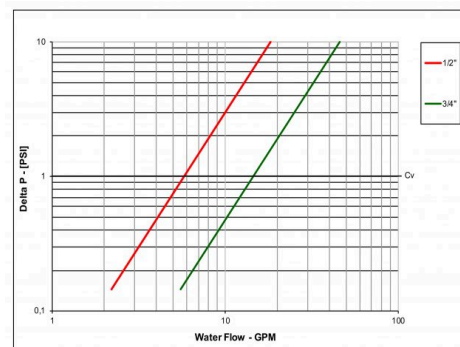
\* This alloy contains more than 0,2% lead and, according to certain specifications, cannot be used for potable water or other foods.

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

Pressure-temperature chart



Pressure drop chart



Ask for additional information on the whole range of **RUB** products and consult with your supplier for special applications. For complete disclaimer: [www.rubvalves.com/disclaimer](http://www.rubvalves.com/disclaimer)