



Item No.: BRASS-100



Item No.: BRASS-102



Item No.: BRASS-105

Product feature

Standard: ANSI/ASME B1.20.1
 Pressure rating: 230PSI non-shock cold working pressure
 Maximum pressure / temperature: 180 PSI at 250°F
 Full bore port ; SS ball is available By request.
 Warranty: 2 years
 Thick walls and solid workmanship-increased durability and strength quality control carried out strictly according to the applicable european standards 100% of the valves produced are tested for leakage.

Material listpart specification

1. Body forged copper alloy - HPb59-1
2. Seat seal PTFE
3. O-ring EPDM
4. Washer PTFE
5. Lock nut stainless steel + nylon
6. Handle steel, plated
7. Stem brass
8. Ball chrome plated brass - HPb59-1
9. End cap forged copper alloy - C46500
10. O-ring EPDM
11. Nut brass
12. Cap retainer NBR limited 2 years warranty

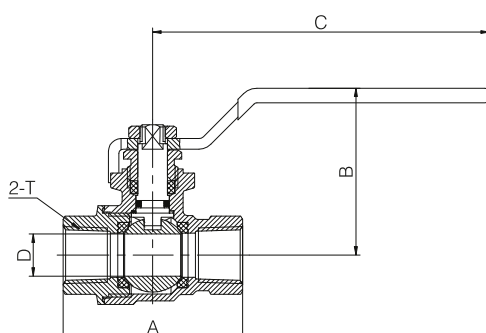
Options

- Extended lever
- Wing handle

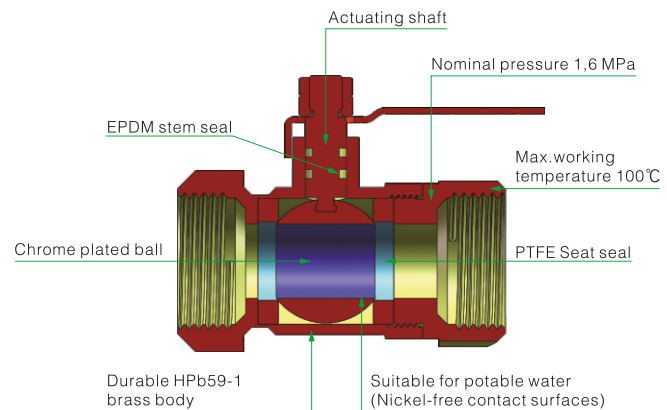
Applications

Compressed air line, domestic hot & cold water
 • HVAC (Condensors, chilled water, hot water heating)
 • Isolation and throttling (Half-open to full-open only)
 • Connect to rigid copper tubing

Dimensions



Schematic diagram of structure



Ordering code

BBV - BM - F - 08 - G			
Valve body material	Ball valve form	Pipe size	Thread type
BBV Brass material(HPb59-1)	F Female thread (Max pipe size:2")	08 1/4"	Blank PT
SBV SS material(304)	M Male thread (Pipe size :1/2"-1")	10 3/8"	G G
LBV Lead-free copper		15 1/2"	T NPT
		20 3/4"	
		25 1"	
		32 1-1/4"	
		40 1-1/2"	
		50 2"	

Ball material	
BM	Brass-chrome plated
S	Stainless steel
L	Lead-free copper

DN	Size	A	B	C	D	T
8	1/4"	42.8	40	80	10	NPT1/4
10	3/8"	42.8	40	80	10	NPT3/8
15	1/2"	49.5	46	87	12.7	NPT1/2
20	3/4"	59.5	57.5	100	18	NPT3/4
25	1"	72	67	108	25	NPT1
32	1.1/4"	80.5	71	108	30.7	NPT1.1/4
40	1.1/2"	88.5	80	135	37.1	NPT1.1/2
50	2"	105	89.4	153	49.5	NPT2
65	2.1/2"	134	104	187	64	NPT2.1/2
80	3"	154	114	197	76	NPT3
100	4"	189	136	245	102	NPT4