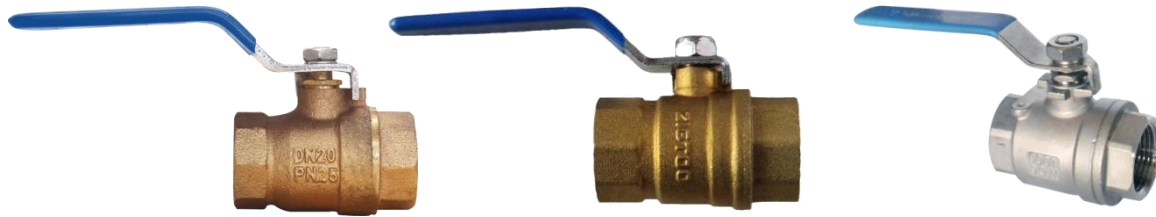


A5001-...Brass/Bronze/Stainless Steel Threaded Ball Valve Series



**Ball Valve
A5001-...Series
Brass/Bronze/Stainless Steel
Threaded Connection
PN16, PN25**

Performance & Features:

The closing and opening element of a ball valve is a perforated sphere that rotates around an axis perpendicular to the flow passage, thereby opening or closing the passage. Ball valves are mainly used to shut off or regulate the flow of media in pipelines and equipment, and can also be applied for fluid regulation and control, featuring a wide range of applications.

- ◆ Nominal diameter: DN15...DN50 (For detailed information, please consult the ZIGTOO representatives);
- ◆ Full bore design and low fluid resistance; with resistance coefficient approximately equal to that of a pipe section of the same length;
- ◆ Simple structure, small size and light weight;
- ◆ Soft seal structure, with excellent sealing performance, high pressure resistance, zero leakage;
- ◆ Easy operation and quick opening/closing; with only a 90° rotation required from fully open position to fully closed position;
- ◆ Relatively simple structure, no directional requirements for installation;
- ◆ Ball and sealing surfaces isolated from the medium at fully open or fully closed position, preventing erosion of the sealing surfaces during flow;

Applications:

Ball valves are typically installed on pipelines conveying media in projects such as buildings, apartments, office buildings, complexes, data centers and factories, including water supply and drainage, cold and hot water, water treatment, as well as primary and secondary hot water supply pipelines. They can be used for on/off service, and also for functions such as blowdown and pressure relief. Compatible media include water, ethylene glycol solution and other fluids.

Model Designation:

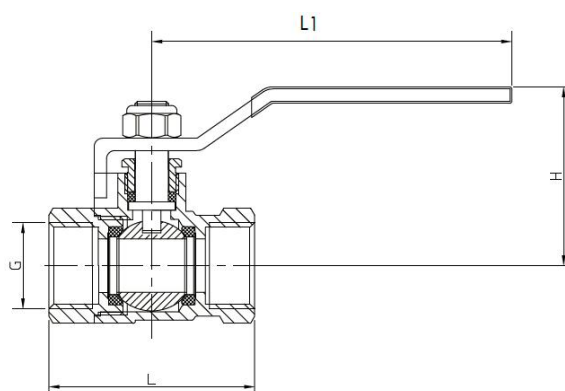
For example: A5001 (H)-20-16T

1. "A50": Ball Valve Series;
2. "0": 2-way Ball Valve;"3": 3-way Ball Valve;
3. "1": Threaded Connection;
4. "H": Handwheel Operated (omitted by default);
5. "-20": Nominal Diameter DN20;
6. "-": separator;
7. "-25/16": Nominal Pressure, PN25/PN16;
8. "T": Brass, B: Bronze, P: Stainless Steel;

Technical Specification:

PN (Nominal Pressure)	PN16, PN25
Connection Standard	Threaded connection ISO228/1 (or EN10226)
Working Temperature	-20°C~150°C
Body, Shaft	Brass HPb59-1; Bronze QA17; Stainless steel 304 (316);
Seal	PTFE
Core	Stainless steel
Handwheel	Carbon steel with galvanized finish and soft rubber sleeve

Dimension Chart:



Model	DN	G	L	L1	H
A5001-15-16T	DN15	½"	52	97	41
A5001-20-16T	DN20	¾"	63	97	44
A5001-25-16T	DN25	1"	71	110	55
A5001-32-16T	DN32	1¼"	76	140	60
A5001-40-16T	DN40	1½"	87	140	65
A5001-50-16T	DN50	2"	102	155	74

Model	DN	G	L	L1	H
A5001-15-16P	DN15	½"	62	97	41
A5001-20-16P	DN20	¾"	73	97	44
A5001-25-16P	DN25	1"	82	110	55
A5001-32-16P	DN32	1¼"	95	140	60
A5001-40-16P	DN40	1½"	106	140	65
A5001-50-16P	DN50	2"	118	155	74