

A4001-...Threaded Gate Valve Series



**Gate Valve
A4001-...Series
Brass/Bronze/Stainless Steel
Threaded Connection
PN16, PN25**

Performance & Features:

The opening and closing element of the threaded gate valve is a gate wedge, which moves perpendicularly to the fluid flow direction. Gate valves are only designed for fully open and fully closed operation and are not suitable for regulating or throttling service.

- ◆ Nominal diameter: DN15...DN50 (For specific sizes, please consult ZIGTOO's authorized representative).
- ◆ Forging from solid brass bar, with high pressure resistance.
- ◆ Full bore design and low fluid resistance, with a resistance coefficient roughly equivalent to that of a pipe section of the same length.
- ◆ Soft seal structure, excellent sealing performance and zero leakage.
- ◆ Easy to install with no flow direction restriction.;

Applications:

Gate 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:

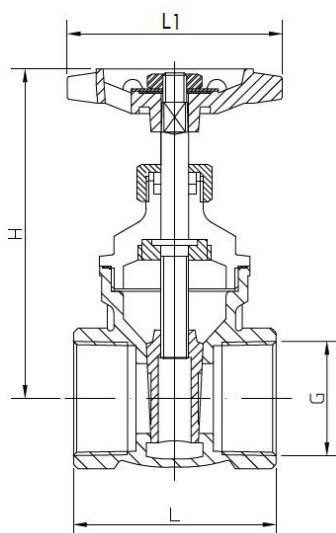
For example: A4001 (W)-20-16T

1. "A40": Gate Valve;
2. "0 ": Non-Rising Stem On-off;
3. "1 ": Threaded Connection;
4. "W": Handwheel-operated (omitted by default);
5. "-": separator;
6. "20": Nominal Diameter DN20;
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	Brass HPb59-1; Bronze QAl7; Stainless steel;
Disc, Stem, Bonnet, Thread Cap	Same as Body
Seal	PTFE
Handwheel	Cast iron coating

Dimension Chart:



Model	DN	G	L	L1	H
A4001-15-16T	DN15	½"	44	54	72
A4001-20-16T	DN20	¾"	48	56	78
A4001-25-16T	DN25	1"	52	62	86
A4001-32-16T	DN32	1¼"	59	67	100
A4001-40-16T	DN40	1½"	63	75	119
A4001-50-16T	DN50	2"	69	82	141