



THREADED END BRASS SWING CHECK VALVES

Literature



Introduction:



Figure 1 Threaded End Brass Swing Check Valves

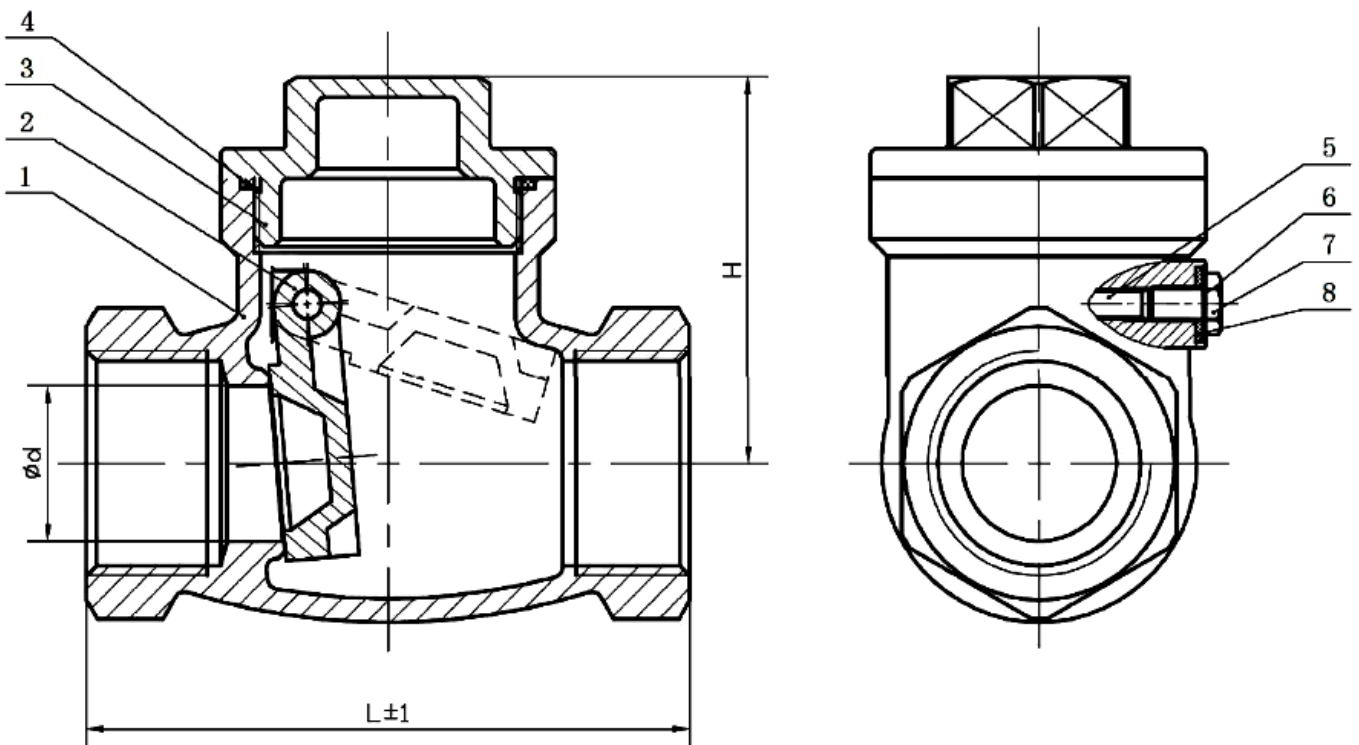
Swing check valve is a valve that allows fluid (liquid or gas) to flow through it in one direction only. A swing check valve, also known as non-return valve or one-way valve. It is designed and manufactured according to ANSI B16.34. A directional marking is marked on the valve body to show the direction of fluid flow to.

Swing check valves are two-port valves, meaning they have two openings on the body, one for fluid to enter and the other one for fluid to leave. When the fluid flows from the inlet port, it will push the disc to swing up and flow through the valve passage. Whenever there are any backflow, it

will push the disc back, close the passage and block the back flow.

There are various types of check valves used in a wide variety of applications. Check valves work automatically and do not require any valve handle or stem. Swing check valve is available in brass or stainless steel SS316 material.

Threaded End SS316 Swing Check Valve Drawing:



Material:

No	Part Name	Brass Material
1	Body	Brass
2	Disc	Brass
3	Cap	Brass
4	Body Gasket	PTFE
5	Pin	Brass
6	Plain Washer	Brass
7	Bolt	Brass
8	Gasket	PTFE

Main Technical Parameter:

Normal Pressure	200 PSI
Shell Test Pressure	2.1 MPa
Tightness Test	1.6 MPa
Gas-Tightness Test	0.6 MPa
Max Working Temperature	-29°C to 180°C

Technical Specifications:

1. Basic design and manufacture according to ANSI B16.34
2. Threaded ends complied with ANSI b1.20.1
3. Inspection according to API598

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