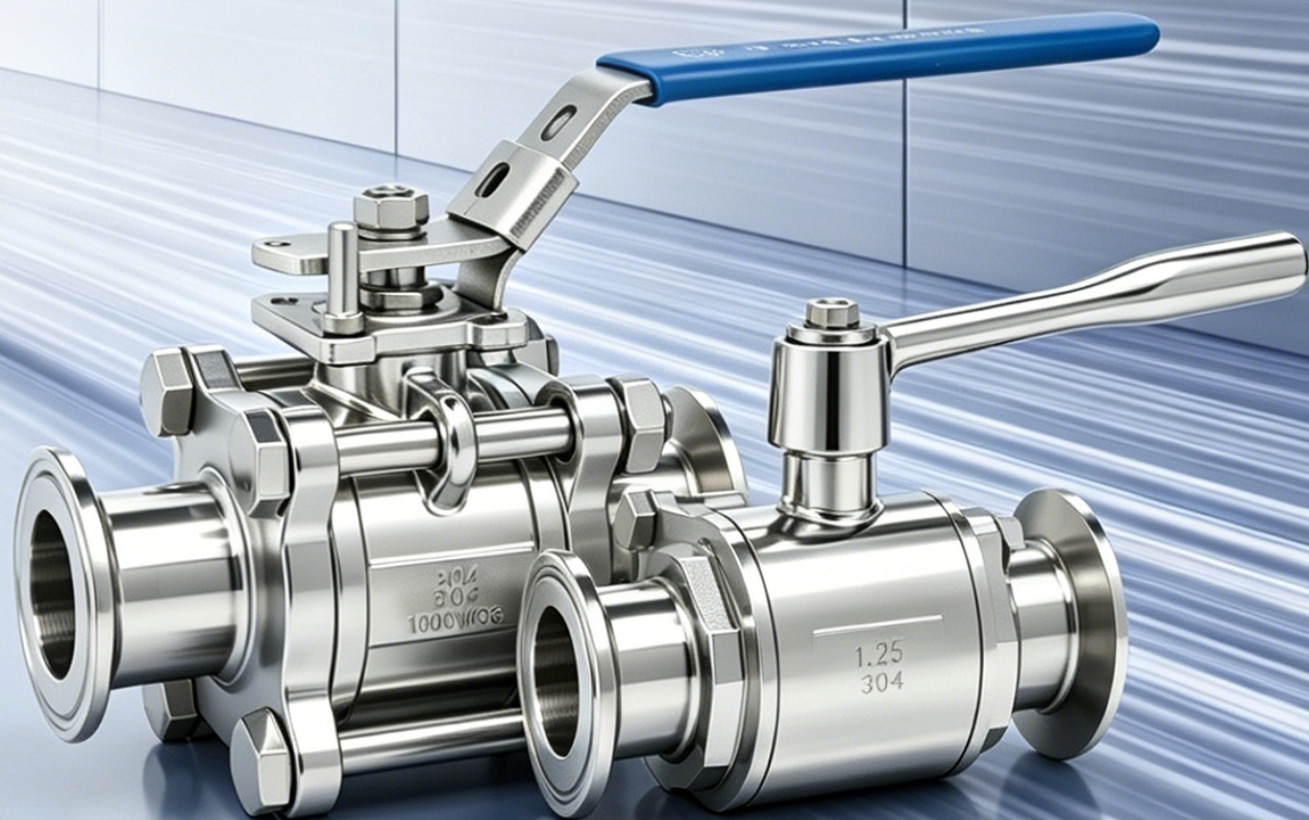


BALL VALVE SERIES



The System's "Precision Temperature Control Hub" and "Safety Gatekeeper"

With high-precision flow regulation capability, it ensures thermal safety of chips under dynamic load conditions. Meanwhile, its interlocking structure and low flow resistance design deliver zero-leakage protection and high energy efficiency for the system. It serves as a core component to guarantee stable operation and fast delivery of liquid cooling infrastructure.

Clamp Straight-through Monobloc Ball Valve

Product Overview

Features: Monobloc forged construction, straight-through design with no dead zones. Reduces risks of valve body leakage. The full-bore ball passage matches pipeline diameter for linear media flow, with no stagnation and no cross-contamination. It effectively solves the material accumulation issue common in conventional ball valves, and delivers excellent corrosion resistance and clean performance.

Applications: Suitable for liquid cooling, water supply and drainage and other fields.

- Low flow resistance
- Monobloc forging reduces valve body leakage risks
- Triple sealing design with stable sealing performance to maintain zero external leakage over a ten-year service life
- Material offers excellent corrosion resistance and clean characteristics
- Easy operation
- Degreased and oil-free

Main Component Materials

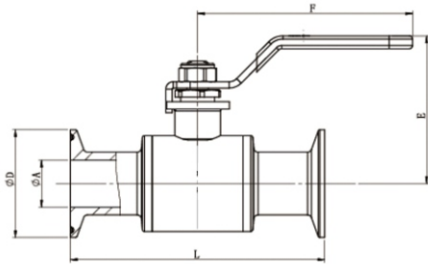
Part Name	Material
Ball Valve Bonnet	Stainless Steel
Ball	Stainless Steel
Seat	PTFE
Ball Valve Body	Stainless Steel
Stem Gasket	PTFE
Valve Stem	Stainless Steel
O-ring	EPDM
Packing	PTFE
Wave Spring	Stainless Steel
Compression Nut	Stainless Steel
Lock Nut	Stainless Steel
Handle	Stainless Steel

Basic Parameters

Nominal Pressure	1MPa
Temperature Range	-40°C~100°C
Connection Standards	GB/T 12224-2015
Test Standards	GB/T 13927-2022
Media	Water, liquids with ethylene glycol or propylene glycol concentration ≤50%

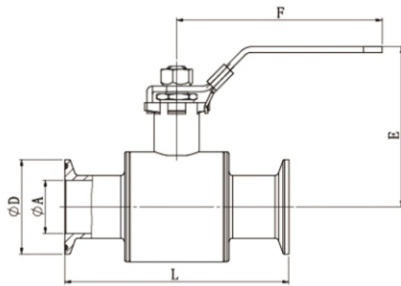


Dimensions



Quick-install Monobloc Straight-through Ball Valve (Without Clamp) ●●●

DN	L	ΦD	ΦA	H	F
1"	120	50.5	22.1	69	100



Quick-install Monobloc Straight-through Ball Valve (With Clamp) ●●●

DN	L	ΦD	ΦA	E	F
1.25"	120	50.5	28.1	85.5	110