

Three-Piece sanitary Ball Valve

Fig. 4355/4375

Applications

A sanitary ball valve designed for easy installation, disassembly, and cleaning, used for conveying gases, liquids, etc.

Compliant with ISO/IDF, DIN, 3A, SMS, BS/RJT, ASME/BPE standard pipeline installations.

Applications include food, beverage, pharmaceutical, chemical industry, and liquid cooling systems. Full bore and encapsulated seal design minimizes fluid resistance

Technical description

Components: Ball with through cavity, valve body, valve stem, stem seal.

Connection types: Welded, Clamp, Threaded.

Features: Full port design, no dead space, high cleanliness, meets CIP/SIP requirements.

Temperature resistance: 150°C, Pressure: 25 bar.

Automatic seal compensation design: low torque, long life (>100,000 cycles).

Configurable with various actuators: Electric, Horizontal Pneumatic, Vertical Stainless Steel Pneumatic, Key Manual Handle. Pneumatic actuators mountable on 2-way or 3-way low/high platform ball valves per ISO 5211 (low platform valves require bracket).

Can be equipped with control units, positioners, limit switches, or automatic control systems.

Material

Part	Material	Standard
Body	Stainless steel	316 ASTM-CF8M A351
Ball Valve	Stainless steel	316 ASTM-CF8M A351
Seat	PTFE	-

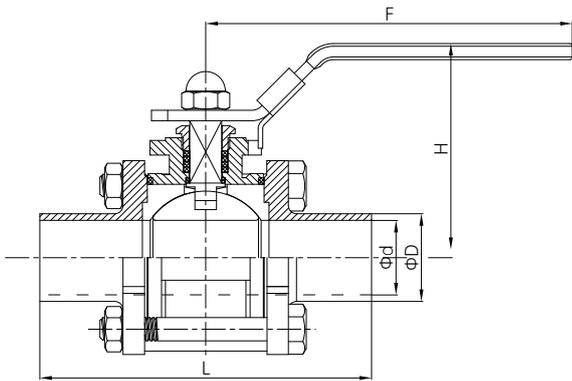
Schematic



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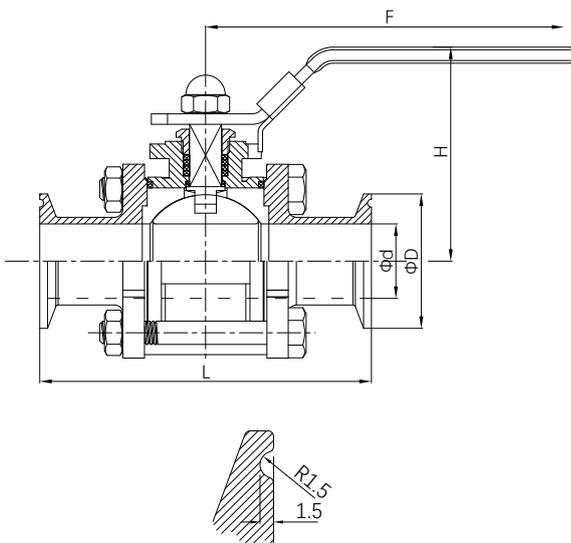
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Dimensions



Size	Φd	ΦD	L	H	F
1/2"	9.4	12.7	90	60	132
3/4"	16	19	104	64.5	132
1"	22.1	25.4	115	69	165
1 1/4"	28.5	31.8	125	75	170
1 1/2"	34.9	38.1	140	89	194
2"	47.5	50.8	156	97	194
2 1/2"	59.5	63.5	198	127	252
3"	72.2	76.2	230	135	252
4"	97.6	101.6	242	159	332
5"	125	129	290	210	350
6"	150	154	340	249	430

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