



YINKE VALVE
FLOW CONTROL

Class 1500 Tilting Disc Check Valve

Class 1500 Tilting Disc Check Valve is configured for high-pressure critical service. Available materials, end connections, operation and inspection options can be matched to the project specification.

Technical Specification

Pressure Class	ASME Class 1500
Design Standard	API 594 / ASME B16.34
Size Range	2–48 in
Body Materials	WCB, LCC, CF8M, Duplex 2205, Alloy Steel
Connections	Wafer, RF, RTJ, BW
Application Focus	Lower pressure drop and fast closure in demanding process or pipeline systems

Selection Notes

Class 1500 is used for high-pressure critical service. The rfq should be complete before pricing because material, ends, trim and actuation can significantly affect construction. For this valve design, buyers should also review disc motion, hinge or spring behavior, closure response and seat design.

Materials

Typical project materials include WCB, LCC, CF8M, Duplex 2205, Alloy Steel. The correct grade depends on corrosion, minimum and maximum design temperature, toughness, hardness limits and the project material specification.

End Connections

Rtj and bw are frequently specified; exact ends must match the approved piping class. Available connection families for this product include Wafer, RF, RTJ, BW.

Testing & Documentation

Expect tighter control of material traceability, nde, pressure tests and project documentation where specified.

RFQ Information

• Valve type and nominal size	• Pressure class / rating
• Body and trim material	• End connection / facing
• Operation or actuator	• Service fluid and design temperature
• Quantity and delivery requirement	• Inspection, testing and document requirements

For quotation, send the valve list, datasheet or project specification together with the required quantity and delivery location.