



YINKE VALVE
FLOW CONTROL

Class 1500 Cast Steel Gate Valve

Class 1500 Cast Steel Gate 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 600 / ASME B16.34
Size Range	2-48 in
Body Materials	WCB, WCC, LCB, LCC, CF8M, WC6, WC9
Connections	RF, RTJ, BW
Application Focus	Full-bore isolation in refinery, pipeline, petrochemical and power piping

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 wedge, stem, bonnet and seat design.

Materials

Typical project materials include WCB, WCC, LCB, LCC, CF8M, WC6, WC9. 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 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.