



YINKE VALVE
FLOW CONTROL

Class 800 Forged Steel Gate Valve

Class 800 Forged Steel Gate Valve is configured for compact forged-steel small-bore isolation or throttling. Available materials, end connections, operation and inspection options can be matched to the project specification.

Technical Specification

Pressure Class	ASME Class 800
Design Standard	API 602 / ASME B16.34
Size Range	1/2-2 in
Body Materials	A105N, LF2, F304, F316, F22
Connections	SW, NPT, RF, BW
Application Focus	Compact small-bore isolation in high-integrity process service

Selection Notes

Class 800 is used for compact forged-steel small-bore isolation or throttling. Commonly associated with compact forged valves, so the rfq should clearly state sw, npt, flanged or bw ends. For this valve design, buyers should also review wedge, stem, bonnet and seat design.

Materials

Typical project materials include A105N, LF2, F304, F316, F22. The correct grade depends on corrosion, minimum and maximum design temperature, toughness, hardness limits and the project material specification.

End Connections

Socket weld and threaded ends are common options; flanged or butt-weld ends depend on the actual valve design. Available connection families for this product include SW, NPT, RF, BW.

Testing & Documentation

Confirm forged material traceability, pressure tests and any hardness or nde requirements in the project specification.

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.