



YINKE VALVE
FLOW CONTROL

Class 150 Pressure Balanced Plug Valve

Class 150 Pressure Balanced Plug Valve is configured for standard industrial isolation and general process service. Available materials, end connections, operation and inspection options can be matched to the project specification.

Technical Specification

Pressure Class	ASME Class 150
Design Standard	API 599 / ASME B16.34
Size Range	2-24 in
Body Materials	WCB, LCC, CF8M, Alloy Steel
Connections	RF, RTJ, BW
Application Focus	Higher-pressure isolation where pressure balancing helps manage operating torque

Selection Notes

Class 150 is used for standard industrial isolation and general process service. Often selected where the line does not require a higher pressure class, while material and temperature still control the final rating. For this valve design, buyers should also review plug geometry, lubrication/sleeve system, pressure balancing and port arrangement.

Materials

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

End Connections

Rf flanges are common; other ends depend on the piping class and project specification. Available connection families for this product include RF, RTJ, BW.

Testing & Documentation

Confirm material certificates, shell/seat testing and project documentation before release.

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.