



**YINKE VALVE**  
FLOW CONTROL

## Double Eccentric Butterfly Valves

Double Eccentric Butterfly Valves are configured for reduced seat wear and reliable shutoff in higher-duty service. Buyers can compare pressure class, size, materials, end connections and operation, then match the valve to the piping class and service conditions.

### Technical Specification

|                         |                                           |
|-------------------------|-------------------------------------------|
| <b>Design Standard</b>  | API 609 / ASME B16.34                     |
| <b>Size Range</b>       | 3-72 in                                   |
| <b>Pressure Classes</b> | Class 150, Class 300, Class 600           |
| <b>Body Materials</b>   | WCB, CF8M, Duplex 2205                    |
| <b>End Connections</b>  | Wafer, Lug, Double Flanged                |
| <b>Operation</b>        | Manual, gear or actuated where applicable |

### Selection Notes

Start with the piping class and service conditions, then review disc offset, seat design, shaft arrangement and operator sizing. For quotation, include offset design, seat material, body/disc material, end pattern, operator and shutoff requirement.

### Materials

Typical project material options include WCB, CF8M, Duplex 2205. Final material selection should follow corrosion conditions, design temperature, toughness requirements and the approved material specification.

### End Connections

Available connection families include Wafer, Lug, Double Flanged. The final facing or weld preparation must match the piping class and approved drawing.

### Testing & Documentation

Confirm the required pressure test standard, material certificates, PMI or NDE scope, dimensional inspection, coating records and final document package before production.

### 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.