



**YINKE VALVE**  
FLOW CONTROL

## Class 300 Tilting Disc Check Valve

Class 300 Tilting Disc Check Valve is configured for moderate-pressure process, refinery and utility service. Available materials, end connections, operation and inspection options can be matched to the project specification.

### Technical Specification

|                          |                                                                               |
|--------------------------|-------------------------------------------------------------------------------|
| <b>Pressure Class</b>    | ASME Class 300                                                                |
| <b>Design Standard</b>   | API 594 / ASME B16.34                                                         |
| <b>Size Range</b>        | 2–48 in                                                                       |
| <b>Body Materials</b>    | WCB, LCC, CF8M, Duplex 2205, Alloy Steel                                      |
| <b>Connections</b>       | Wafer, RF, RTJ, BW                                                            |
| <b>Application Focus</b> | Lower pressure drop and fast closure in demanding process or pipeline systems |

### Selection Notes

Class 300 is used for moderate-pressure process, refinery and utility service. A common step up from class 150 when line class, temperature or project requirements demand more pressure capability. 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

Rf is widely used, while rtj or bw may be selected when the piping class or service demands it. Available connection families for this product include Wafer, RF, RTJ, BW.

### Testing & Documentation

Add pmi, nde or project itp hold points when required by the purchase 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.