



# RKSfluid®

A key Valve in Flow Control



Butterfly Valve



Ball Valve



Gate Valve



Globe Valve



Check Valve



Pipe Fittings

## Product Display

This series tilting check valves are suitable to be used at the exit of the pump whose medium is water. It is used to prevent or reduce medium back from water hammer. So it can protect the pipeline system. Suitable temperature  $\leq 80^{\circ}\text{C}$



TLV TILTING CHECK VALVE (BUTTERFLY CHECK VALVE)  
DN100- DN1200, PN10 / 16/25

## Features

- Double Flange Tilting Check Valve With Hydraulic damper
- Size range DN100-1200mm
- Standard-ISO/BS/ DIN /AWWA/API
- Tests Standard - BS EN 12266-1
- Body-Ductile Iron / Cast Iron / Stainless Steel / WCB
- Disc-Ductile iron / Cast Iron / Stainless Steel / WCB
- Body Ring -SS420/SS304/SS316
- Retaining Ring - SS420 / SS304 /SS316
- Disc Ring - EPDM
- Shaft -SS420/SS431/SS316
- Fusion bonded epoxy coating- Min 300 Microns

### SPECIFICATION

|                                             |       |                       |
|---------------------------------------------|-------|-----------------------|
| Nominal pressure (MPa)                      |       | 1.6                   |
| Testing pressure(MPa)                       | Seal  | 2.4                   |
|                                             | Shell | 1.76                  |
| Working pressure (MPa)                      |       | 1.6                   |
| Suitable temperature ( $^{\circ}\text{C}$ ) |       | $<80^{\circ}\text{C}$ |
| Suitable medium                             |       | Water                 |

### TECHNICAL REQUIREMENT

- 1.Face to face standard: EN 558 Series 14.
- 2.Flanges standard: BS EN1092-2:1997 PN16.
- 3.Tests standard: BS EN12266-1:2003 Part 1 Rate A .

### MATERIALS OF CONSTRUCTION

| No. | Part Name         |
|-----|-------------------|
| 1   | Body              |
| 2   | Shaft bushes      |
| 3   | Shaft             |
| 4   | Cover             |
| 5   | Retainer ring     |
| 6   | Disc sealing ring |
| 7   | Body sealing ring |
| 8   | Disc              |
| 9   | Weight            |

Product: Titling Butterfly

Size: DN100-DN1800

Pressure: PN6, PN10, PN16 (Class 150)

Temperature: -29 °C ~ +120 °C

Material: GGG40

Seal: NR, NBR, EPDM, Viton, Silicone Rubber

Material/Finish: 304, 316, 316L, SS316, SS304, Duplex, Inconel

STEM: SS316, SS304, SS420, SS416

Standards: API, DIN, ASME, ISO, ANSI, GB/T, BS EN, AWWA

Certification: CE, WRAS, API, ISO9001: 2015, OHSAS18001: 2007

Applications: Oil, Gas, HVAC, Chemical, Water, Desalination

## APPLICATION SCENARIO





PTFE lined butterfly valve



Resilient seat butterfly valve



Double offset butterfly valve



Triple offset butterfly valve



Ball valve



Pipe fittings

# Our Factory



i) 100% inspection: 100% inspection of all products before delivery

ii) CNC processing, precision grinding, precision turning, precision drilling, precision reaming, precision honing, precision grinding, precision polishing

unit 100% inspection: 100% inspection of all products before delivery

iv) 100% inspection: 100% inspection of all products before delivery

v) 100% inspection: GB, ISO 9001, TUV CE, ISO 9001, ADWO-2000, TS, PED, WRC WRAS, KTW, API 6D, API609

VI) 100% inspection: 100% inspection of all products before delivery, 100% inspection of all products before delivery, 100% inspection of all products before delivery, 100% inspection of all products before delivery

## Company Advantages

01

21 years of professional experience

03

Independent research and development team  
28 top senior professional researchers

05

100% high level ex-factory inspection

07

2 years quality assurance, repair and replacement

4 factories

02

2 professional testing centers

04

High quality imported materials

06

## Exhibition Photos



