



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

Series: Titling Butterfly Type Check valve

Door size: DN100-DN1800

Pressure: PN6, PN10, PN16 (Class 150)

Temperature: -29 °C ~ + 120 °C

Body: Ductile Iron: GGG4040

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

Disco / Trim: epoxy coated ductile iron, SS316, SS304, stainless steel duplex, bronze

Stem: SS316, SS304, SS420, SS416

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

Certificate: CE, Wras, API, ISO9001: 2015, OHSAS18001: 2007

Application: Water, power plant, HVAC, food, medicine, desalinat

APPLICATION SCENARIO



Industrial water application



Power plant



Sea water desalination



Water treatment



Water supply and drainage



HAVC



Food and drug



Water transport



Our Factory



I Business area: products for fluid control, technology and environmental protection products.

II Advanced CNC machining centers, professional process cells, wide-rang welding devices, automatic assembly lines and coating.

III China's standard reference unit, to participate in the development of relevant valve industry standards.

IV We have created a research and development center in Houston, Texas, in the United States.

V Product Standard: GB, German Standard, American Standard, CE TUV, ISO 9001, ADWO-2000, TS, PED, WRC Wras, KTW, API 6D, API609.

VI Main production: Butterfly valve, ball valve, gate valve, check valve, globe valves, tube fittings, manual / tire / electric actuator, valve parts.

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



Our Certificates



Faq

Q: If I need quotation, what information do we need?

A: Valve materials, temperature, pressure, medium system, implication.

Q: You can provide actuators, what do you have?

A: Pneumatic, electrical, hydraulic, solenoid valves. RKSfluid actuators adopt US technology. You need, tell us only.

Q: What is your production capacity?

A: RKSfluid has four plants able to provide the necessary products.

D: Production delivery time

A: Normal products have stocks in 2 ~ 5 working days. Custom base on your need.

D: MOQ.

A: 1pc for all products.

Q: How about the quality assurance?

A: 100% quality test before delivery, 2 years warranty. Make sure your system's security. We have obtained TUV, API, Wras, CE, ISO certification. Standard compliant with DIN, ASME, BS EN, JIS, API, AWWA.

Q: How can you provide quality service to our customers?

A: RKSfluid owns 20 years of experiences and over 70 research and development engineers provide technical support, model selection and installation guide for you.