

Ball check valves contain a ball that sits on the seat, which has only one through-hole. The ball has a slightly larger diameter than that of the through-hole (seat). When the pressure behind the seat exceeds that above the ball, liquid is allowed to flow through the valve. But once the pressure above the ball exceeds the pressure below the seat, the ball returns to rest in the seat, forming a seal that prevents backflow. The ball moves up and down inside the valve depending on the flow and seals against the machined seat when no flow or reverse flow occurs and seals against the seat to stop the reverse flow. Ball check valves are typically preferred for use in pumping stations as they are self-cleaning as the ball rotates during the operation and are vertically maintenance-free. RKSfluid offers both flange and thread connections for the Ball Check Valves.

Standard and Features:

Size range: threaded end DN25-80

Face to face: DIN3202-F6

Hydraulic pressure test : Seal: 1.1 x PN (in bar), Body: 1.5 x PN (in bar)

Coating: Fusion bonded epoxy coating, Color upon request

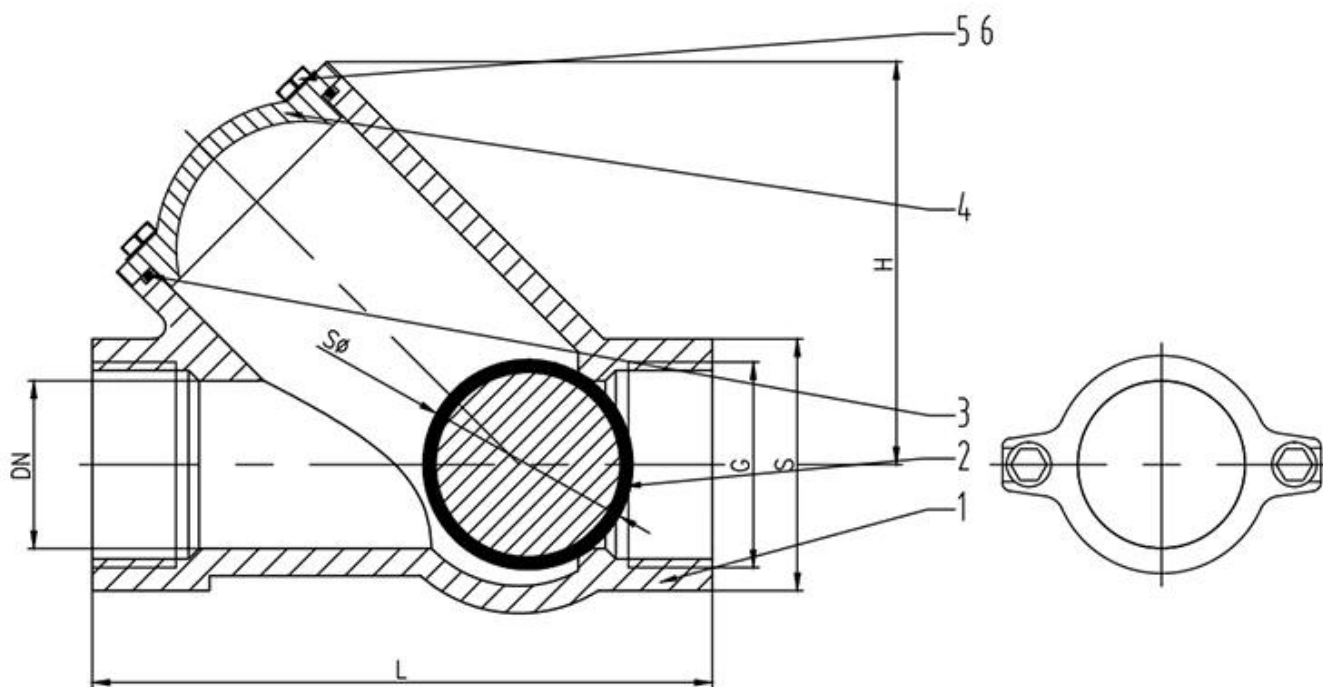
WRAS certified for drinking water

Medium: Neutral water, Drinking water, Sewage

Temperature Range: 0°C - 80°C

100% testing before packing and delivery

Technical Data:



Name	Materials
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Body	Ductile iron
Ball	Steel + NBR
O Ring	NBR
Bonnet	Ductile iron
Bolt	AISI304 Stainless Steel
Washer	AISI304 Stainless Steel

COMPANY INFORMATION



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

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

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

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

V Product Standard: GB, German Standard, American Standard, TUV CE, 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, pipe fittings, manual / pneumatic / electric actuator, valve parts.

COMPANY FACTORY



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

COMPANY QUALIFICATION



COMPANY EXHIBITION



Partners



Delivery



Payment



FAQ

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

A: Valves' materials, Temperature, Pressure, Medium, Appllication System.

Q: Can you provide actuators, what you have?

A: Pneumatic, Electric, Hrdraulic, Solenoid Valves. RKSfluid actuators adopt USA technology. Which you need, just tell us.

Q: What's your productive capacity?

A: RKSfluid has four plants that can provide the products you need.

Q: Production lead time

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

Q: MOQ

A: 1pc for all products.

Q: How about the quality assurance?

A: 100% quality test before delivery, 2 years warranty. Ensure your system working safety.

We got TUV, API, WRAS, CE, ISO certification.

Standard conform to DIN, ASME, BS EN, JIS, API, AWWA.

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

A: RKSfluid own 20 years experiences and more than 70 R&D engineers provide technical support, model selection and installation guidance for you.