

Serie 2000 – Light Dual-disc Swing Check Valve

Industry

Water

Waste Water

Energy

Building Services

Mining



Applications:

- Industry, water management
- Chemical industry
- Water supply and treatment, irrigation
- Shipbuilding, especially for water, air, gas and hydrocarbons

More information: www.ksb.com/products



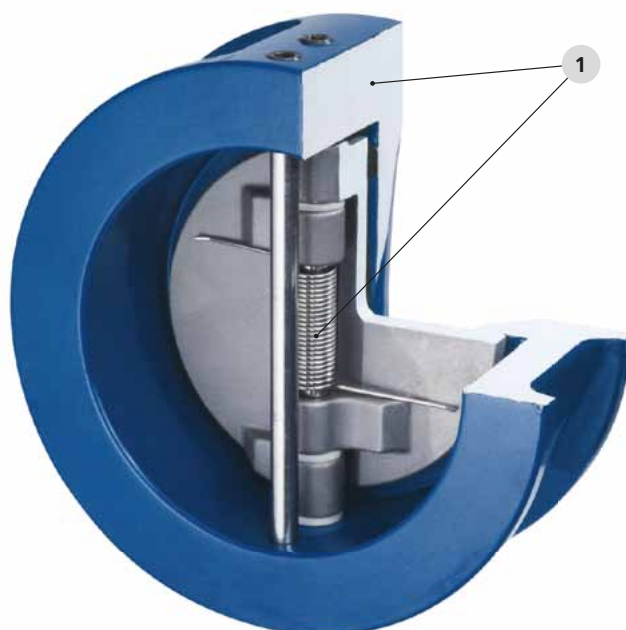
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1 Reliable

- Single-piece cast body, high degree of mechanical strength and corrosion resistance. Maintenance-free
- Unique spring design prevents friction causing damage to the sealing surface and ensures firm seating.

Easy to install

- Minimum weight at maximum strength; compact design
- Straightforward installation without any special tools
- No additional support of piping required



Technical Data

Nominal diameters	50 to 600 mm (2" to 24")
Operating pressure	From vacuum to 50 bar (750 psi)
Temperature range	From -196 °C to 538 °C (from -420 °F to 1000 °F)
Connection	PN 10, 16, 20, 25, 40, Class 125, 150, 300, BS / JIS / DIN
Leakage rate	Metal/elastomer seated to EN 12266-1 leakage rate A and ISO 5208 category A Metal/metal seated to API 598
Face-to-face length	API 594 except swing check valves with cast iron body DN 65 to 300 mm (2 1/2" to 12")

Materials

Manufacturing range	PN 16	PN 25	Class 125, 150 (PN 20)	Class 300 (PN 50)
	Body: cast iron	Body: nodular cast iron	Body: carbon steel, stainless steel and aluminium bronze	
DN 600 mm to DN 350 mm	Discs: stainless steel, nodular cast iron, aluminium bronze (from DN 300) Stem and spring: stainless steel Seat: nitrile, EPDM, Viton		Discs: stainless steel, aluminium bronze, steel (from DN 300) Stem and spring: stainless steel Seat: nitrile, EPDM, Viton, metal/metal	
DN 300 mm to DN 250 mm	Discs: stainless steel, nodular cast iron Stem and spring: stainless steel Seat: nitrile, EPDM, Viton		Discs: stainless steel, aluminium bronze Stem and spring: stainless steel Seat: nitrile, EPDM, Viton, metal/metal	
DN 200 mm to DN 50 mm	Discs: stainless steel Stem and spring: stainless steel Seat: nitrile, EPDM, Viton			

Other pressure classes and materials on request.