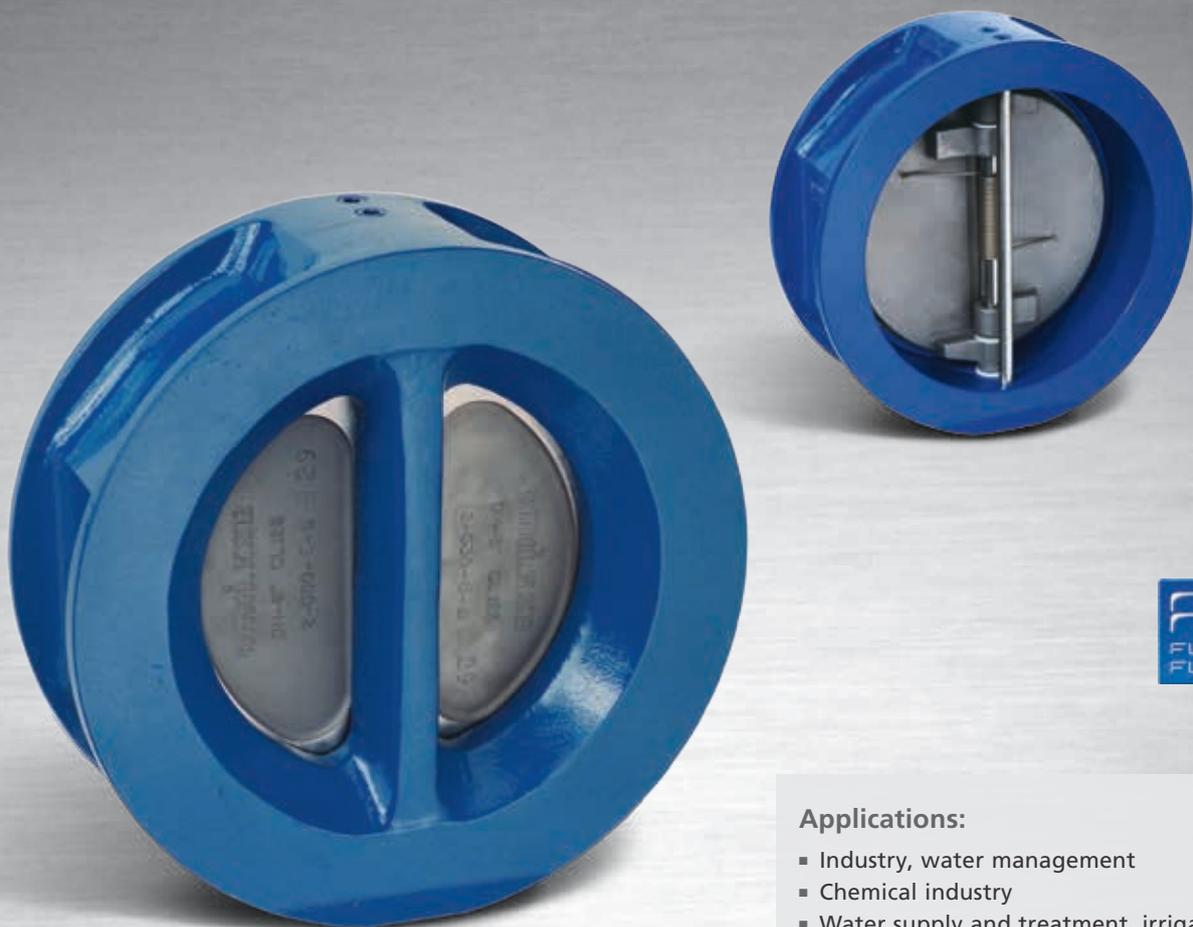


SERIE 2000 – Light Dual-disc Swing Check Valve



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

SERIE 2000 – Light Dual-disc Swing Check Valve

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 seat/disc interface and ensures reliable seating.

Easy to install

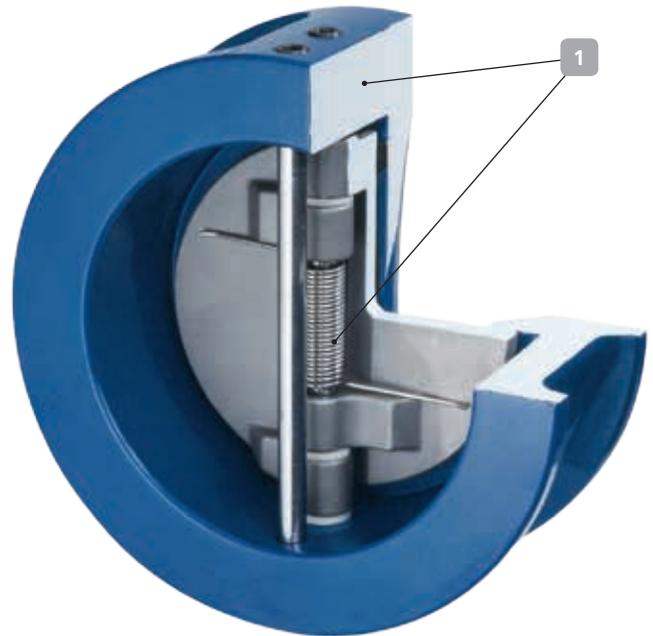
- Minimum weight at maximum strength; compact design
- Straightforward installation without any special tools
- No additional support of piping required

Hydraulically optimised and stable

- Low pressure loss makes for increase in energy efficiency.
- Stable opening behaviour at minimum flow rate.
- Trouble-free, energy-efficient operation thanks to steady valve disc movement.

FluidFuture®

- Achieving maximum energy savings with the energy efficiency concept by KSB.
- The optimised flow geometry substantially reduces pressure losses, hence reducing energy consumption by up to 50%.



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 150 (PN 20)	Class 300 (PN 50)
	Body	cast iron	nodular cast iron	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)		stainless steel, aluminium bronze, steel (from DN 300)	stainless steel, aluminium bronze
	Stem and spring	stainless steel		stainless steel	
	Seat	nitrile, EPDM, Viton		nitrile, EPDM, Viton, metal/metal	
DN 300 mm to DN 250 mm	Flügel	stainless steel, nodular cast iron		stainless steel, aluminium bronze	
	Stem and spring	stainless steel		stainless steel	
	Seat	nitrile, EPDM, Viton		nitrile, EPDM, Viton, metal/metal	
DN 200 mm to DN 50 mm	Flügel	stainless steel		stainless steel, aluminium bronze	
	Stem and spring	stainless steel		stainless steel	
	Seat	nitrile, EPDM, Viton		nitrile, EPDM, Viton, metal/metal	

Other pressure classes and materials on request.



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