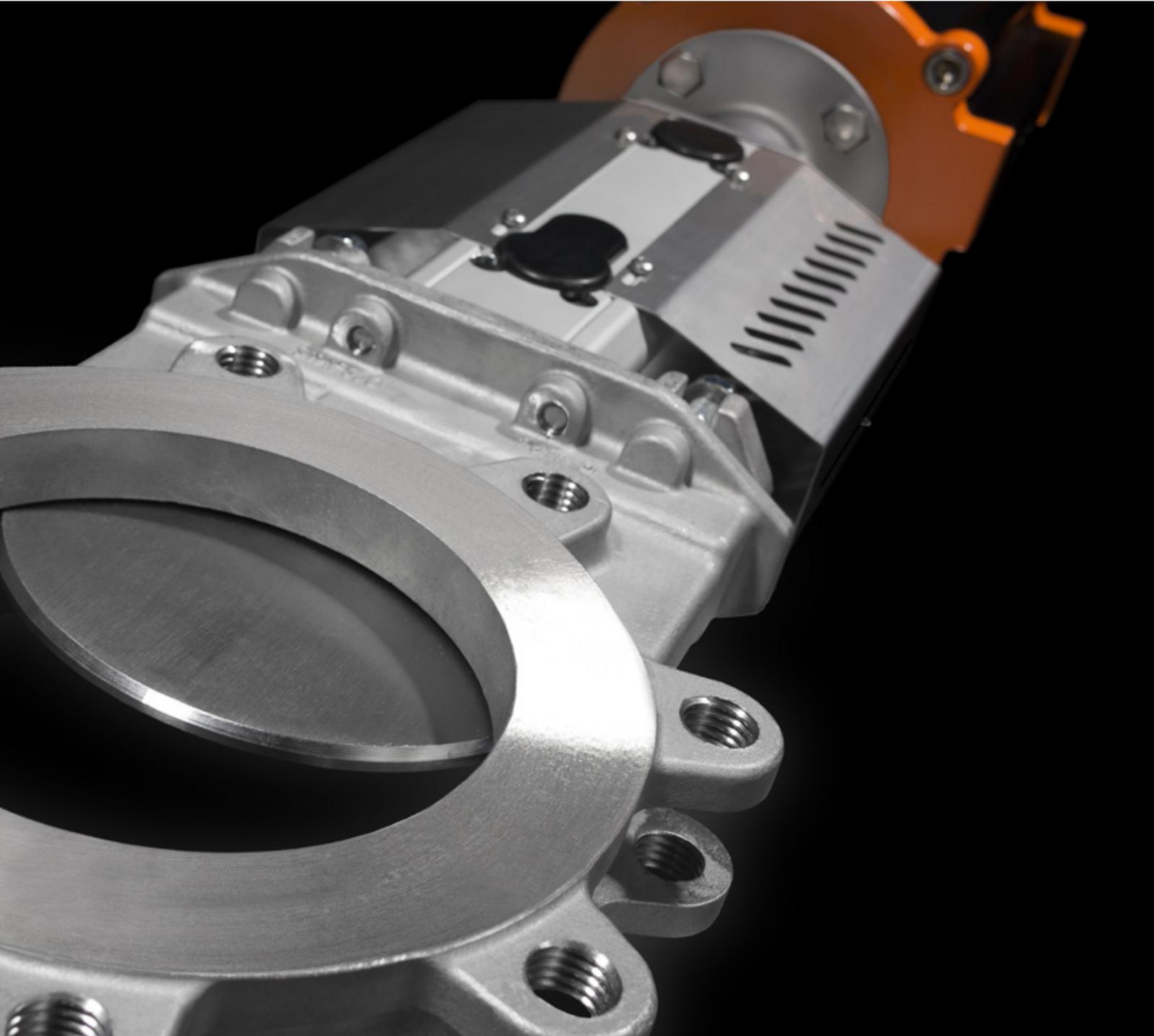
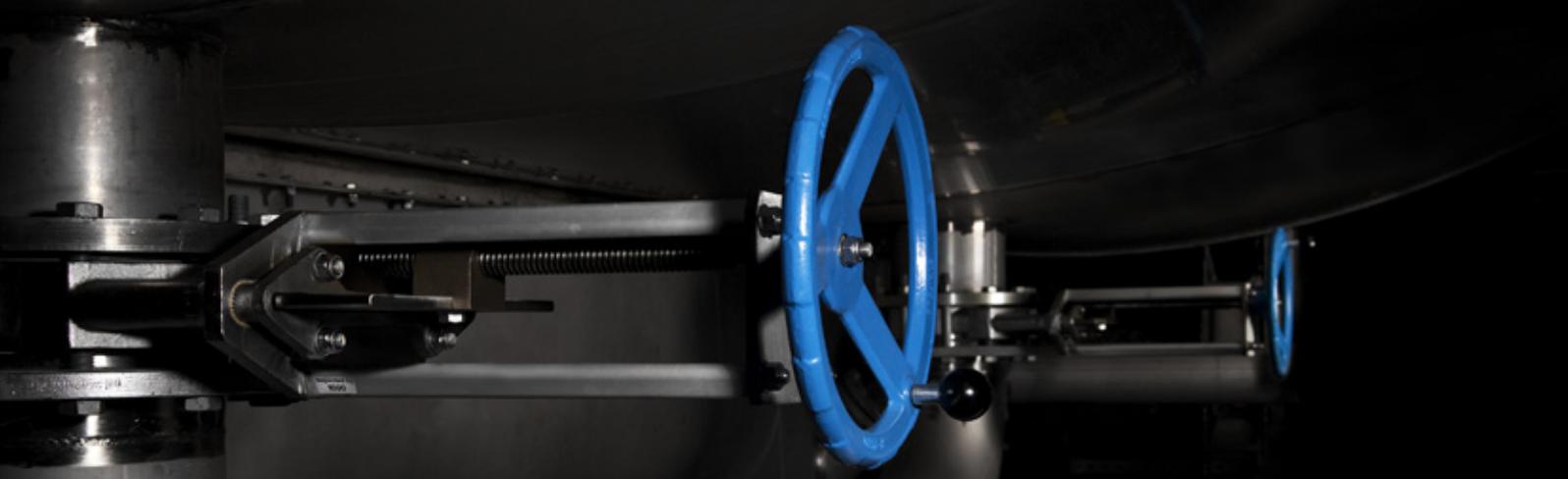


The high performance WB14E knife gate valve





Optimize your process with the high performance WB14E valve

Stafsjö's WB14E knife gate valve is a high performance shut-off valve with superior flow characteristics, offering bi-directional zero leakage shut-off up to 150 psi/10 bar up to 24" (DN 600). It is suitable for media such as pulp stock, chemicals, sludge, bio mass, slurry and water. The fully lugged body design is suitable for dead-end services.

The WB14E is supplied with stainless steel wetted parts including the fully lugged valve body, highly polished gate and gland. Stafsjö's gland box system with TwinPack braids and extra PTFE scrapers ensures that no media reaches the surrounding environment.

Stafsjö's fully modular concept is also applied on this WB14E which makes it easy to equip with manual as well as automatic actuators and related automation accessories. The valve is also available with mechanical lock out.

The WB14E meets the requirements of MSS SP-81, and is designed, manufactured, inspected and tested according to the European Pressure Equipment Directive (PED 97/23/EC) category I and II module A1. The valve is CE marked when it is applicable.

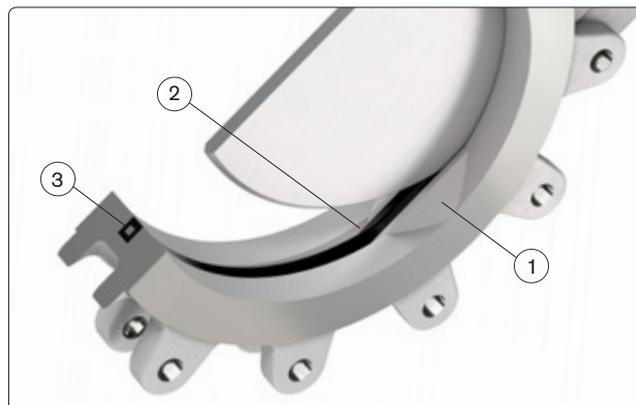


Bi-directional zero leakage shut-off

Gate guides (1) support the gate through the entire range of travel, eliminating both lateral movement and deflection. The perimeter resilient seat provides tight shut-off in both directions.

At the lower end of the gate guides, the relief areas (2) promote a self-cleaning, flushing action as the gate moves into the final stage of closure and the cavity free seat ensures that no media gets packed into the bottom of the valve.

The seat is reinforced with a stainless steel core (3) to enhance durability.

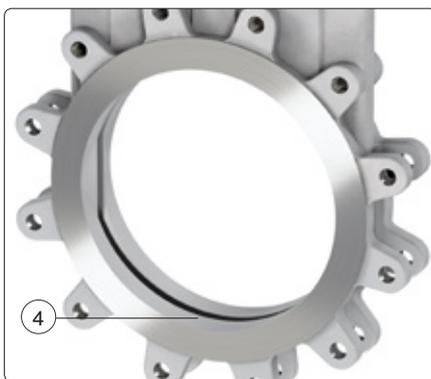


First in knife gate solutions

Stafsjö is a globally leading supplier of knife gate solutions for shut-off and flow control within the process industry. Our first valves were manufactured already in 1881. Decades of experience and co-operation with customers combined with our strong focus on quality, production efficiency and valve development, have resulted in a wide range of high performance and reliable knife gate solutions. Through our sister company Ebro Armaturen and external sales partners, we are able to provide fast deliveries, high quality service and support to local markets worldwide.

Full bore with superior flow characteristics

The cavity free bore (4) prevent any build up of media during operation. The highly polished gate and its edge profile make it easy for the gate to cut through the media.



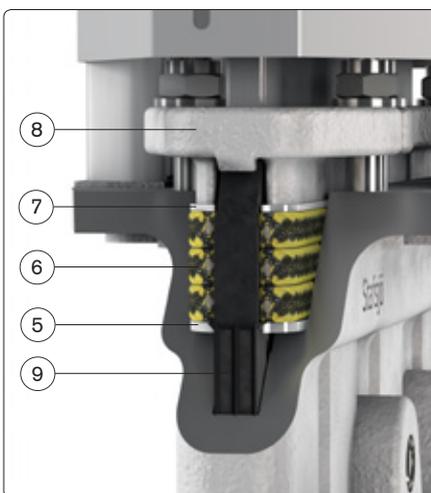
The dual bevel edge and reduced gate profile prevents media from wedging between the gate and body as the valve closes.

First-rate external sealing

Stafsjö's gland box system consists of several components. The box bottom scraper (5) scrapes the gate clean, while the three layers of Stafsjö's TwinPack (6) perform the main sealing function. The optional top scraper (7) can be combined with the bottom scraper to fully encapsulate the gland box system.

The gland (8) and gland bolts ensure even distribution of the gland force as the nuts are tightened.

Our unique flexible profile (9) on the outside surface of the perimeter seat energizes sealing while reducing friction and providing longer cycle life.



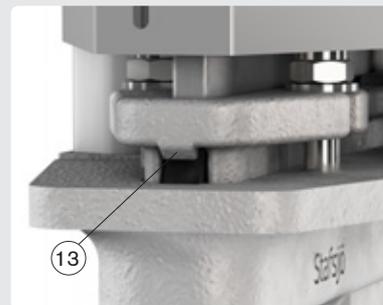
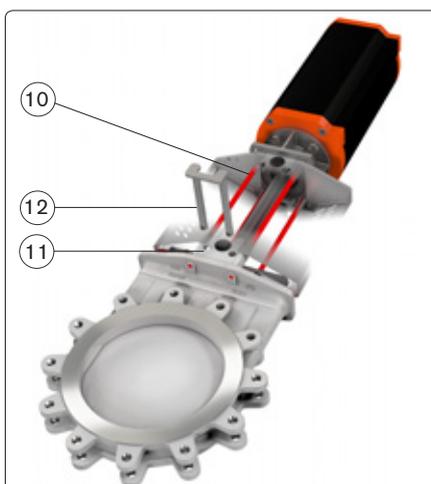
The TwinPack packing is strong and flexible. It is made up of braided PTFE fibers (black) and strong aramid fibers (yellow) in the corners to ensure excellent strength, wear and chemical resistance. The rubber core (black) keeps the packing compressed tightly against the gate.

High strength top works

Smooth cycling and a tight shut-off independent of valve position is achieved by the high strength top works that provide an essential alignment for the gate. It utilizes stainless steel tie rods (10) encapsulated inside the structural beams (11).

The WB14E valve can easily be supplied with different actuators and accessories such as limit switches, a junction box and mechanical lock out (12).

Actuator options include hand wheel, chain wheel, bevel gear, ratchet wrench, pneumatic actuators (single- and double-acting), electric motors and hydraulic actuators.



The linear locks (13) on the gland securely hold the seat in position as the gate strokes.

Further information is available on www.stafsjo.com



Globally active. Locally represented.

AFRICA South Africa: Valve & Automation (Pty) Ltd, ASIA China: Ebro Armaturen (Beijing) co., Ltd, India: Ebro Armaturen India Pvt. Ltd, Indonesia: Contromatic Prima Mandiri PT, Japan: SKC Co. Ltd, Malaysia: Precision Control SdnBnd, Philippines: Ebro Armaturen (Philippines) Inc., South Korea: Sherpa Automation, Thailand: Ebro Valves (Trading) Co. Ltd., Vietnam: Ebro Valves (Thailand) Co., Ltd, AUSTRALIA with OCEANIA Australia: Ebro Armaturen Pacific Pty Ltd, New Zealand: H.J. Asmuss & Co. Ltd EUROPE Austria: Ebro Armaturen GmbH, Belgium: V.C.T. - Valve & Connector Technology n.v., Denmark: Valtor Industri A/S, Finland: Tecalemit Flow Oy, France: Ebro Armaturen, Germany: Ebro Armaturen Gebr. Bröer GmbH, Great Britain: Ebro Valves Ltd, Hungary: Ebro Armaturen Kft, Ireland: ESI Technologies Ltd., Iceland: Hédinn HF, Italy: Ebro Valvole srl, The Netherlands: Ebro Valves B.V., Norway: Bagges AS, Poland: Ebro Armaturen GmbH, Portugal: AxFlow Comércio de Equipamentos Lda, Russia: LesBumMash Ltd, Roitech and OOO Hawle Sevkom, Spain: Ebro Armaturen España, S.L., Switzerland: Ebro Armaturen Est. & Co. KG, Sweden: Stafsjö Valves AB and Ahlsell Sverige AB, Turkey: Ebro Armaturen Otomasyon Sistemleri San ve Tic Ltd. Sti, Ukraine: Ebro Armaturen GmbH Representative office Kiev NORTH AMERICA Canada: Armour Valve Ltd, USA: Ebro Armaturen USA Inc. SOUTH AMERICA Argentina: Esco Argentina S.A., Brazil: ELAN Equipamentos Industriais Ltda, Chile: Ebro Stafsjö Valves Chile Ltd For other countries, please contact us directly.

Stafsjö 2016-04-06