

New knife gate valve developed for slurry applications

Stafsjö's new knife gate valve SLV is developed for slurry and abrasive applications where operation reliability and low life cycle cost are emphasized. The valve is a result of a long-term and customer oriented product development. Our profound knowledge of knife gate valve technology together with pioneering design and material selection form the foundation for this product. This latest product development is a clear signal and shows our intentions to the market. In our growth strategy our primary focus lays on expansion into other business segments than we traditionally have served. I am convinced that the SLV will further strengthen our range of knife gate valves and help us in achieving profitable growth, says Thomas Carlson, CEO of Stafsjö.

The SLV valve is bi-directional and has full bore for maximum flow capacity. It is modular designed and consist of a compact epoxy coated one or two piece valve body

in cast iron. The top work can easily be provided with different actuators and accessories. The valve can also be

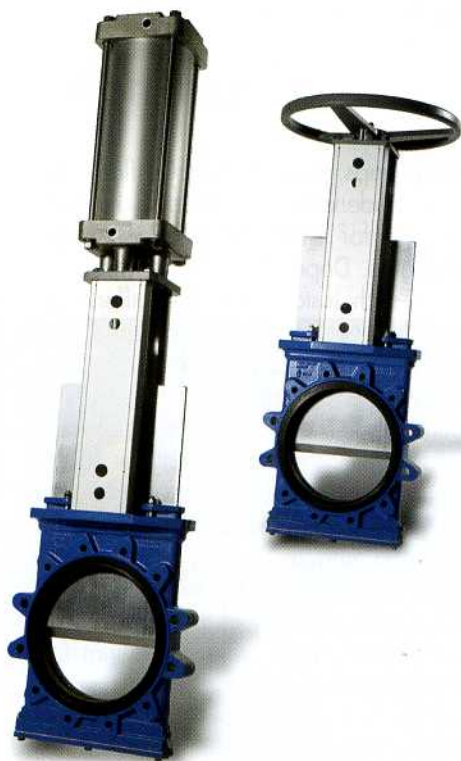
operation together with abrasive media.

SLV's seats are developed for long-life service in applica-

safe actuation during tough operating conditions.

SLV's seats are flexible in the axial way. When the valve is fully opened the seats expand and seals towards each other thus forming a tight extension of the pipe line where only the seats are exposed to the media. Minimal seat cavity prevents accumulation of media in the bore.

The suspension of the seats in combination with the unique shape of the gate plus the internal gate support minimizes wear on the seat during actuation. When the valve is closed, the seats are compressed and seals efficiently towards the gate in both pressure directions. Residues will be evacuated either through the bottom of the valve or through the purge ports when the bottom lid is mounted.



customized with hard chromed gates in different alloy and its unique seat construction guarantees excellent

tions with slurry. The seat and its material composition together with embedded reinforcement rings guarantee

Stafsjö Armaturen GmbH
Hagen/Germany
Tel.: +49 2331 / 47380-0
info@stafsjo.de
www.stafsjo.com