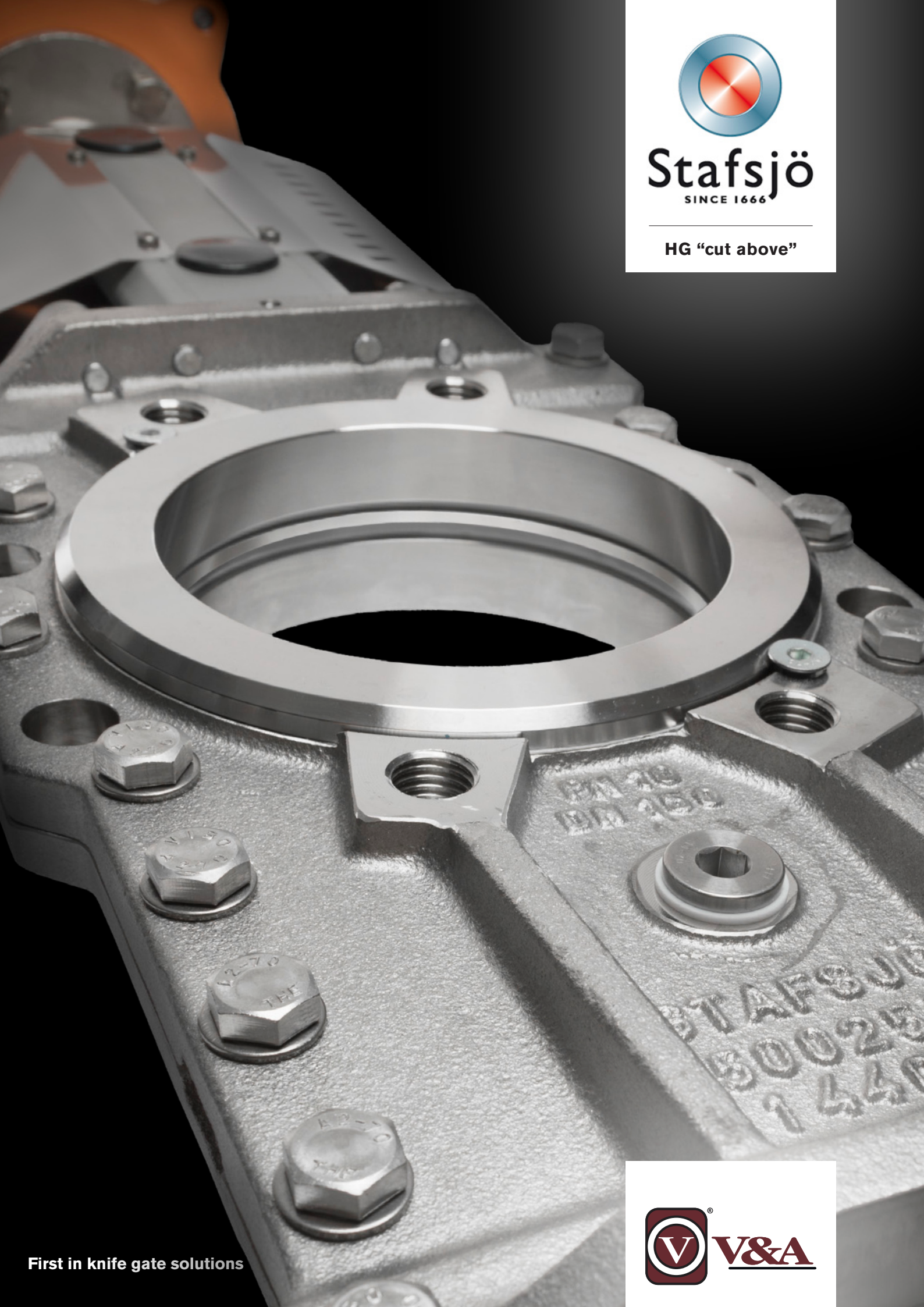


Stafsjö
SINCE 1666

HG "cut above"



First in knife gate solutions



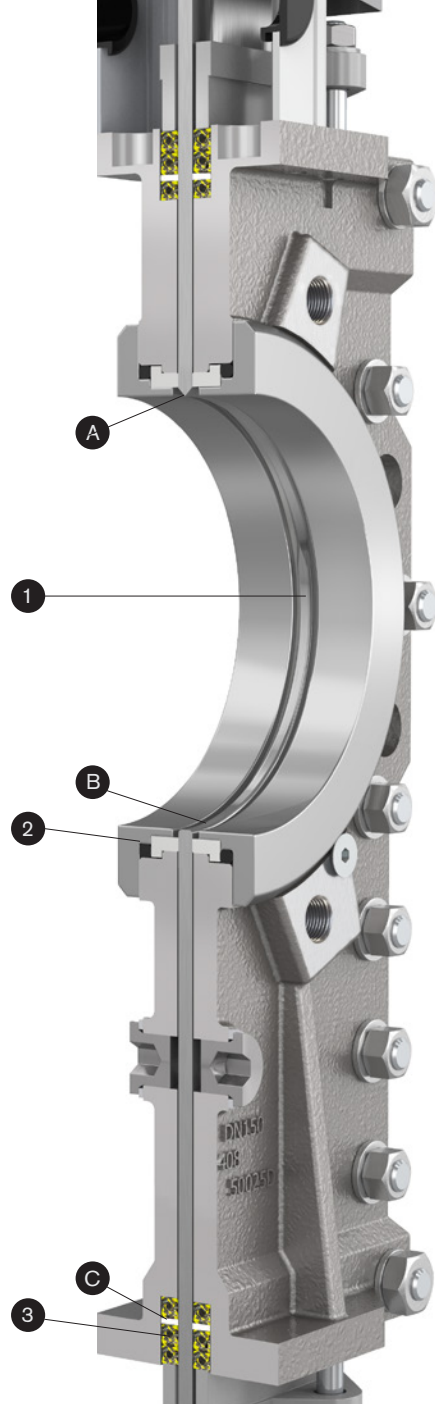
HG “cut above”

Stafsjö's HG is a through-going knife gate valve known for its superior flow characteristics and reliable bi-directional zero leakage shut-off, especially on highly concentrated media and static media columns. In some applications media tends to scale significantly inside the pipe causing problems for many valves to operate. For these applications Stafsjö can provide HG “cut above”.

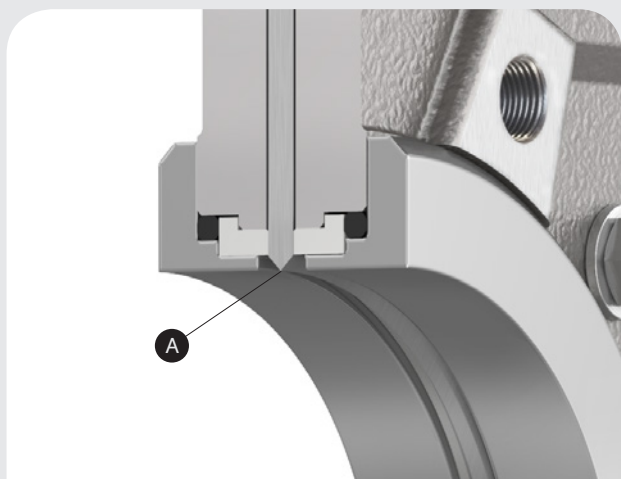
Configuration

- 1 Duplex EN 1.4470 (S32205) gate with non stick machine polished finish (max 0,8 Ra). It also features a precision machined dual beveled gate edge (A) on upper part of the orifice while the lower orifice is machined flat (B).
- 2 Stainless steel retainer rings with PTFE seats and back-up o-rings.
The PTFE seats offers excellent chemical resistance and the back-up o-rings keep them constantly pressurized against the gate. During normal operation, and especially during pigging and hydroblasting, the retainers fully protects the seats from abrasive wear.
- 3 TwinPack braids with extra PTFE scrapers in the gland box.
Stafsjö's gland box sealing system offers high mechanical strength, excellent chemical resistance and a tight seal to atmosphere. The PTFE scrapers (C) add strength and prolong the service life of the TwinPack braids.

Flange drilling, actuators, automation options and other materials according HG standard options.



Reliable on/off operations



Full actuation force is delivered directly to the tip of gate (A), providing maximum cutting power as gate moves downward into closed position.



On each opening stroke the lower machined flat gate orifice (B) force media upward and back into the pipe.