KSB LUG Bidirectional Knife Gate Valve

Product description

- VAYCOM KSB LUG series knife gate valve has a bidirectional monoblock cast body.
- It has a full flange design for installation between flanges.
- The standard model is for DIN PN10/PN16 and ANSI150 flanges; others are available on request. Multiple sealing and packing materials.
- The slide is guided, and will thus be affected less by normal opening and closing operations.
- The gate is made of stainless steel ASI304L/AISI316L, is polished on both sides, and the edges are rounded to extend the life of seals and gaskets.
- It has a double ring and gasket on both sides to guarantee closure.



fig. 1

General applications

Valve suitable for applications containing up to 5% suspended solids.

Paper Industry | Mining | Chemical Plants | Pumping | Food Industry | Water treatment

Standard design

EN1092 PN10 / DIN PN10
ASME B16.5 (class 150) / ANSI150
(Others available).

Materials

Body: GJL250 / CF8M (other like DUPLEX or SUPERDUPLEX on request).
Gate: AISI304L / AISI316L (other like DUPLEX 2205 or SUPERDUPLEX 2507 on request).
Gasket: SYNT+PTFE, Graphite, O-ring

Sizes

DN50/2" to DN600/24"
(larger sizes available on request).

Pressure

DN50 to DN250: 10bar
DN300 - DN400: 6 bar
DN450: 5 bar
DN500 - DN600: 4 bar

Actuators

Handwheel, lever, gear box, chain handwheel, pneumatic, hydraulic and electric actuators.

Seat

Metal/Metal, EPDM, NBR, Viton, PTFE, Silicone.

Accesories and options

Deflector cone, reinforced socket, scraper, V-shaped or 5-sided passage, flushing holes, emergency handwheel, limit switches, proximity switches, solenoid valves, filters, emergency systems, junction boxes, extensions stems, etc.