KTL-AR SERIES

KNIFE GATE VALVE
THROUGH-CONDUIT



High performance. Bidirectional. Two machined wafer-type half-bodies.

- **Design & manufacturing**
- **Tailor-made solutions**
- **Technical support**
- **Quality & reliability**

PRODUCT DESCRIPTION

The high-performance KTL-AR is a bidirectional valve manufactured in cold-rolled metal, with two fully machined wafer-type half-bodies that allow the gate to slide without friction against the body. The stainless steel gate is polished and edged on both sides to extend the life of packing and rubber seats.

APPLICATIONS

For liquids containing up to 20% suspended solids. Especially suitable for the paper industry.

Paper industry · Chemical plants

TECHNICAL SPECIFICATIONS

STANDARD DESIGN

EN1092 PN10/ DIN PN10 ASME B16.5 (Class 150) / ANSI 150 Other configurations on request.

SIZES

DN50 / 2” to DN600 / 24″ Larger diameters on request.

PRESSURE BY SIZE

DN50—DN250	**10 bar**
DN300—DN400	**6 bar**
DN450	**5 bar**
DN500—DN600	**4 bar**

MATERIALS & CONFIGURATION

BODY

S275JR / AISI316. Duplex or superduplex on request.

GATE

AISI304L / AISI316L. Duplex 2205 or superduplex 2507 on request.

PACKING / SEAT

Packing: SYNT+PTFE, graphite, O-ring. Seat: metal/metal, EPDM, NBR, Viton, PTFE, silicone.

ACTUATORS

Handwheel, lever, gearbox, chain handwheel, pneumatic, hydraulic and electric actuators.

ACCESSORIES & 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 and extension stems.