

KTL High Performance Through Conduit Knife Gate Valve

Product description

VAYCOM KTL High-Performance Knife Gate Valve is manufactured in cold rolled metal. It is a bidirectional valve with two fully mechanised wafer-type half-bodies, allowing the gate to slide inside the body without any friction. The standard flange is drilled according to DIN PN10 or ASNI150 (others on request), and the gate is made of stainless steel. The gate is polished and edged on both sides improving useful life of gaskets and rubber seats. The valve primary function is to cut off existing fluid into the system which generally has a high percentage of suspended solids.

General applications

Valve suitable for liquids containing up to 20% solids in suspension. Especially for the paper industry.

Paper Industry

Chemical Plants



fig. 1

Standard design

EN1092 PN10 / DIN PN10
ASME B16.5 (class 150) / ASNI150
(Others available under request).

Materials

Body: S275JR / AISI316
(other like DUPLEX o SUPERDUPLEX available on request)
Gate: AISI304L / AISI316L
(other like DUPLEX 2205 or SUPERDUPLEX 2507 available on request)
Gasket: SYNT + PTFE, Graphite, O-ring

Sizes

DN50/2" to DN600/24"
(bigger diameters available on request).

Pressure

DN50 to DN250: PN10
DN300 to DN400: PN6
DN450: PN5
DN500 to DN600: PN4

Actuators

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

Seat

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

Accessories 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.