

T600 – RUBBER SLEEVE KGV

The model T600 knife gate valve is a bidirectional wafer valve, which is equipped with two seats or rubber sleeves which are provided with an internal metal core designed for applications with fluids (e.g. mining slurries, sludge...)

The rubber sleeves are designed to offer a perfect water tightness and to protect the body against the abrasion of fluids. The valve is suitable for mining slurries and high concentrations of solids.

The main features of the valve:

- Bidirectional sealing
- Sleeves in permanent contact (Body totally protected from abrasion)
- High quality Natural Rubber sleeves. Other qualities available depending on the fluid.
- Interchangeable sleeves
- Suitable for water with high concentration of solids (e.g. mining slurries, sludge...), intensive jobs, high pressures.
- Provides high flow rates with low pressure drop
- Full and continuous flow
- Cast body of one integral piece (monoblock) with internal guides to support the knife
- The internal design of the body avoids any build up of solids in the seat area, and allows draining from the lower cavity, where there is a cleaning port.
- The nipples allow the gate to be lubricated, in this way enhancing its capacity to slide between the sleeves.
- The gate is polished on both sides, and of rectangular shape with a blade edge.
- Easy maintenance.
- Removable bottom part for easy maintenance and cleaning of internal parts



* Valves manufactured following European Pressure Equipment Directive PED 2014/68/EU.

VALVE FLANGES

Standard

- DIN PN10 / PN16 / PN25
- ANSI 125/150

Special

- BST "E" / BST "D"
- JIS 5K / 10K

PRESSURES & SIZES

- DN 50 (2") – DN400 (16") 10 bar
- DN 450 (18") – DN600 (24") 6 bar
- DN 700 (28") -DN 900 (36") 5 bar

* Higher pressure conditions and bigger sizes on request

CONSTRUCTION MATERIALS

BODY

GGG40

* Others on request (SS316 (CF8M), GGG50...)

KNIFE

SS304L & SS316L

* Other alloys on request (Duplex, Super Duplex...)

SLEEVES (Seat)

Rubber Anti-abrasion

* Other qualities on request (EPDM, NBR, Viton...)

GLAND FOLLOWER

GGG50

** Other alloys on request (SS316 (CF8M)...)*

PACKING

SYNT+PTFE + EPDM O-ring

PACKING O'RING

EPDM, NBR, SILICONE, VITON

SPINDLE

Stainless steel (SS304L y SS303L)

ACTUATORS

Manual, pneumatic, hydraulic, electric, gear box, handlever, square end, chain-wheel, pneumatic with security handwheel.

ACCESSORIES

Limit switches, proximity sensors, solenoid Valves, positioner 4/20 mA, sleeves, locking devices, extension, regulation V-ports, flushing holes, bonnet...

SECTORS

Waste water treatment, power Plants, food & beverage industry, pulp & paper industry, mining, Chemical Industry, bulk handling ...