

Knife gate valve KM

Product description

VAYCOM KM series knife gate valve is a bidirectional rubber lined knife gate valve. These seats or sleeves have a metal core (sleeves are made of natural rubber and EPDM; other materials on request).

It is a LUG type of knife gate valve, for installation between flanges or at the end of line. The drilling in accordance with ASNI150 or DIN PN10. It has a stainless-steel gate in different materials: AISI304L, AISI316L, DUPLEX or SUPER DUPLEX.

General applications

Knife gate valves suitable for solids, recommended for gravity discharge applications of fluids heavily loaded with solids. Emptying of aggregate and granulate hoppers.

Mining

Chemical Plants



fig. 1

Standard design

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

Materials

Body: GJS500
(other like DUPLEX or SUPLERDUPLEX on request).
Gate: AISI304L / AISI316L
(other like DUPLEX 2205 or SUPLERDUPLEX 2507 on request).
Gasket: SYNT+PTFE, Graphite, O-ring.

Sizes

DN50/2" a DN600/24".
Other available under request.

Pressure

DN50 to DN400: 10 bar
DN450 to DN600: 6 bar

Actuators

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

Seat

Natural rubber and EPDM sleeves
(Others like NBR or NITRILE available on request).

Accessories and options

Cleaning port cover, limit switches, proximity switches, solenoid valves, filters, emergency systems, junction boxes, extension stems, etc.