

Knife Gate Valves, Type A

The A model knife gate is an uni-directional wafer valve designed for general industrial service applications. The design of the body and seat assures non-clogging shut off on suspended solids in industries such as: Pulp and Paper, Power plants, Wastewater treatment plants, Chemical plants, Food and Beverage Bulk handling, Mining etc.

Sizes: DN 50 to DN 1200 (larger diameters on request)

Actuators of Knife Gate Valve type A

Drive variants include a manually actuated hand wheel model with rising or non-rising stem, or alternatively a hand lever drive unit, or double- and single-acting pneumatic cylinders (spring return) and electric actuators.

Working pressure:

DN 50 to DN 250:	10 kg/cm ²
DN 300 to DN 400:	6 kg/cm ²
DN 450:	5 kg/cm ²
DN 500 to DN 600:	4 kg/cm ²
DN 700 to DN 1200:	2 kg/cm ²

Standard flange connection:

DIN PN 10 and ANSI B16.5 (class 150)

Other flange connections are available on request such as:

DIN PN 6
DIN PN 16
DIN PN 25
BS "D" and
"E" ANSI 125

Directives:

DIR 98/37/CE (MACHINES)
DIR 97/23/CE (PED) Fluid: Group 1(b), 2 (Cat. I, mod. A)
DIR 94/9/CE (ATEX) Group II, Cat. 3: zones 2 and 22



KGV type A with
pneumatic cylinder