



**Description :**

Knife gate valves are used to cut off liquid media containing solid particles with a particle size of up to 1 mm, clean, polluted and sludge water, raw and treated sewage, chemically polluted media.

They are a proven solution for various types of industrial installations and equipment.

Their purpose is:

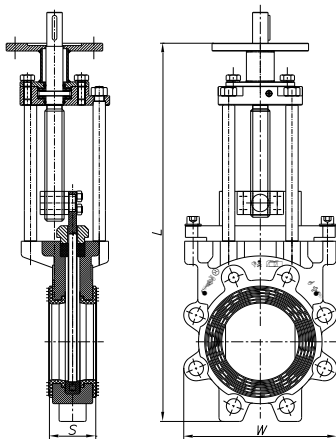
- shut off flow in industrial pipelines,
- control of technological processes,
- dosing.

**Advantages :**

- can be used in places that are difficult to access or harmful to people,
- partial or full automation of the fluid flow control process,
- meeting the requirements of the pressure directive 2014/68 / EU thanks to which the fittings are safe to use,
- high abrasion resistance.

**Application :**

- pulp and paper industry (pulp of any consistency, a mixture of pulp and water, wood pulp, etc.),
- metallurgy, mining (flotation sludge, coal sludge, etc.),
- chemical industry (light pastes, colloids, granulates, swelling media, chemically contaminated sewage),
- sewage treatment plants (raw sewage, faeces, treated sewage),
- sugar factories (syrups, sugar juices, etc.),
- air conditioning, heating and ventilation systems



**LEGEND – DRAWING DESCRIPTION**

DN – nominal diameter  
 S – building length  
 L – building height  
 W – building width

Diameter nominal DN	Flanges openings	Working pressure	Height L [mm]	Width W [mm]	Length L [mm]	Connect. acc. ISO5210
<b>DN50</b>	PN16	1,6 MPa	362	152	50	F07
<b>DN65</b>	PN16	1,6 MPa	395	152	43	F07
<b>DN80</b>	PN16	1,6 MPa	444	170	46	F07
<b>DN100</b>	PN16	1,6 MPa	487	200	60	F07/F10
<b>DN125</b>	PN16	1,6 MPa	544	230	60	F07/F10
<b>DN150</b>	PN16	1,6 MPa	607	262	60	F10
<b>DN200</b>	PN10	1 MPa	765	380	94	F10
<b>DN250</b>	PN10	1 MPa	935	400	100	F10
<b>DN300</b>	PN10	1 MPa	1035	470	88	F10/F14
<b>DN350</b>	PN10	0,6MPa	1260	460	116	F14
<b>DN400</b>	PN10	0,6MPa	1345	580	108	F14
<b>DN500</b>	PN10	0,35MPa	1600	742	120	F14

\*The diameters and provided building lengths are standard values. It is possible to make gate valves with dimensions others than in the table.