

Knife gate MGZNP DN50-500 with pneumatic drive

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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:

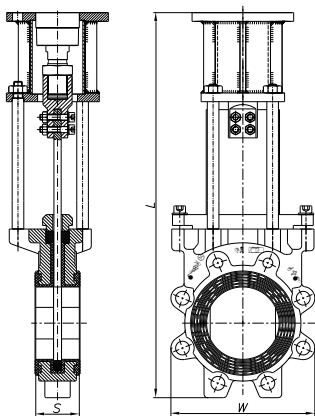
- shut off flow in industrial pipelines,
- control of technological processes,
- dosing.

Advantages:

- quick closing / opening,
- 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.

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	Flange openn.	Working pressure	Height L [mm]	Width W[mm]	Lenght S [mm]	Driver pneumat.
DN50	PN16	1,6 MPa	362	152	50	D80x50
DN65	PN16	1,6 MPa	395	152	43	D80x65
DN80	PN16	1,6 MPa	444	170	46	D80x85
DN100	PN16	1,6 MPa	487	200	60	D100x100
DN125	PN16	1,6 MPa	544	230	60	D100x125
DN150	PN16	1,6 MPa	607	262	60	D125x150
DN200	PN10	1 MPa	765	380	94	D160x200
DN250	PN10	1 MPa	935	400	100	D200x250
DN300	PN10	1 MPa	1035	470	88	D200x300
DN350	PN10	0,6MPa	1260	460	116	D200x350
DN400	PN10	0,6MPa	1345	580	108	D200x400
DN500	PN10	0,35MPa	1600	742	120	D200x500

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