

Knife gate MGZNR DN50-500 with manual drive

METAL-GUM Zielona Góra ul. Naftowa 2, tel. (68) 451-97-03, bok@metal-gum.com.pl



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:

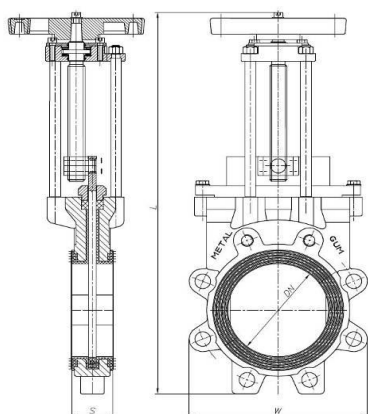
- shut off flow in industrial pipelines,
- control of technological processes,
- dosing.

Advantages:

- simple and quick assembly,
- the materials used have material certificates and required approvals for issuing the CE mark,
- 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	Flange openings	Working pressure	Height S [mm]	Width W [mm]	Lenght L [mm]
DN50	PN16	1,6 MPa	370	152	50
DN65	PN16	1,6 MPa	400	152	43
DN80	PN16	1,6 MPa	450	170	46
DN100	PN16	1,6 MPa	490	200	60
DN125	PN16	1,6 MPa	550	230	60
DN150	PN16	1,6 MPa	609	262	60
DN200	PN10	1 MPa	770	380	94
DN250	PN10	1 MPa	960	400	100
DN300	PN10	1 MPa	1076	470	88
DN350	PN10	0,6MPa	1300	460	116
DN400	PN10	0,6MPa	1304	580	108
DN500	PN10	0,35MPa	1604	742	120

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