

**// SLIDE GATE VALVE
FOR BIOGAS PLANTS**



Outlet / inlet side of
the digester....yesterday



Digester outlet / inlet.....today

Description

Un-tight slide gate valves installed in a biogas plant are not well-liked by the people working in it and especially not by maintenance-works.

Complaints from the neighbourhood, annoyance caused by bad smell are not rare.

Therefore the frequency of cleaning- and maintenance works is high and expensive. In the new design, the slide plate is encapsulated inside the housing and does not exit to the outside as is the case with conventional plate-type slides. Only a piston rod passes through the housing to the outside and is kept leak-proof by a well-known and proven sealing set. Without being in contact with oxygen, the slide plate moves within the substrate. This rules out corrosion and ensures that the slide plate is optimally lubricated. The slide system operates on the basis of the displacement principle. As a result of its special design and in combination with a return pressure when it is opened, the slide plate displaces the substrate inside the slide housing.

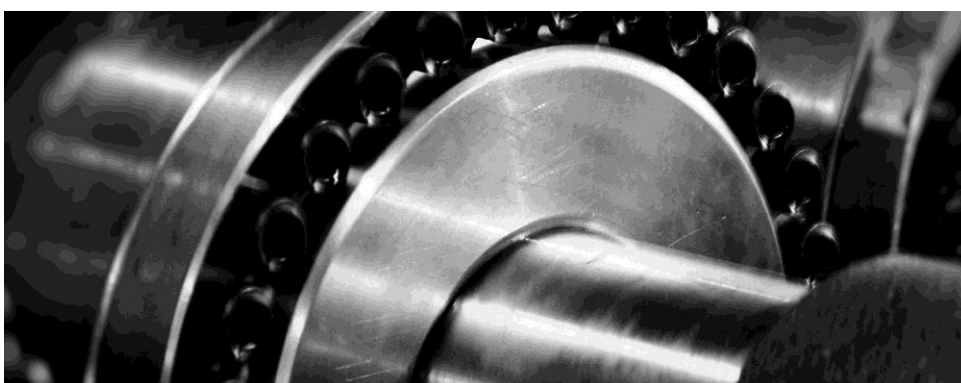
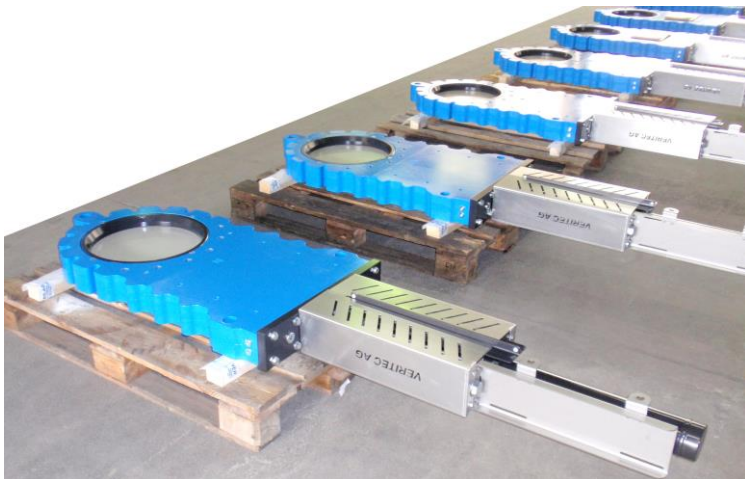
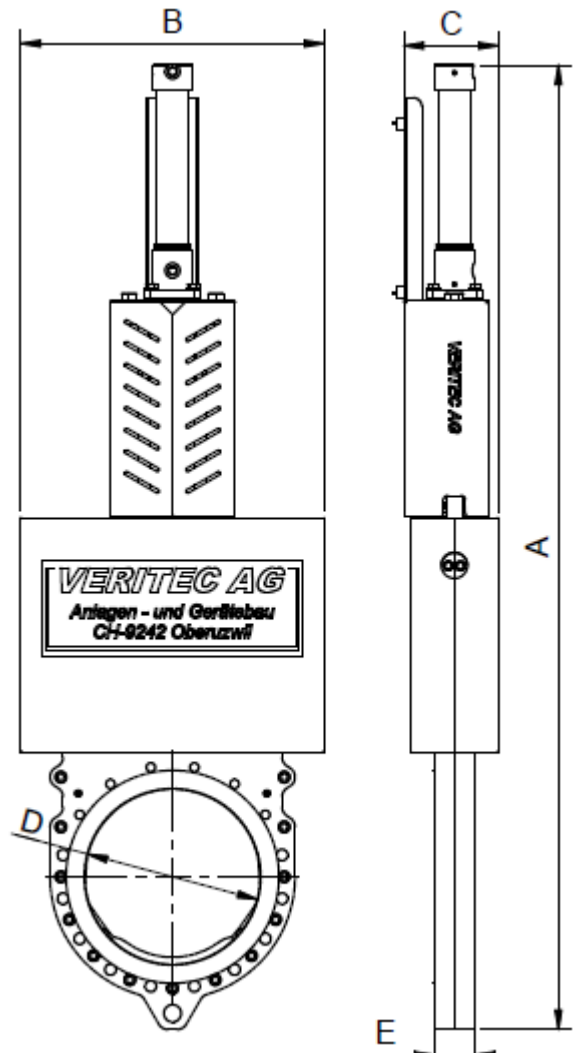
Existent and installed gate valves can be replaced by this new VERITEC-product. The existent hydraulic installation can be used (without cylinders).

Advantages

- Completely closed slide valve system
- No odor emission
- No dirty place around the installed new slide valve caused by un-rightness
- Slide gate in steel HARDOX 400
- Wear parts replaceable
- Heavy-duty tipe

Dimensions

Typ	DN250 PN10	DN300 PN10	DN400 PN10
A	1560	1770	2225
B	540	590	700
C	180	180	195
D	250	300	400
E	68	68	94
Weight	135kg	165kg	325kg



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