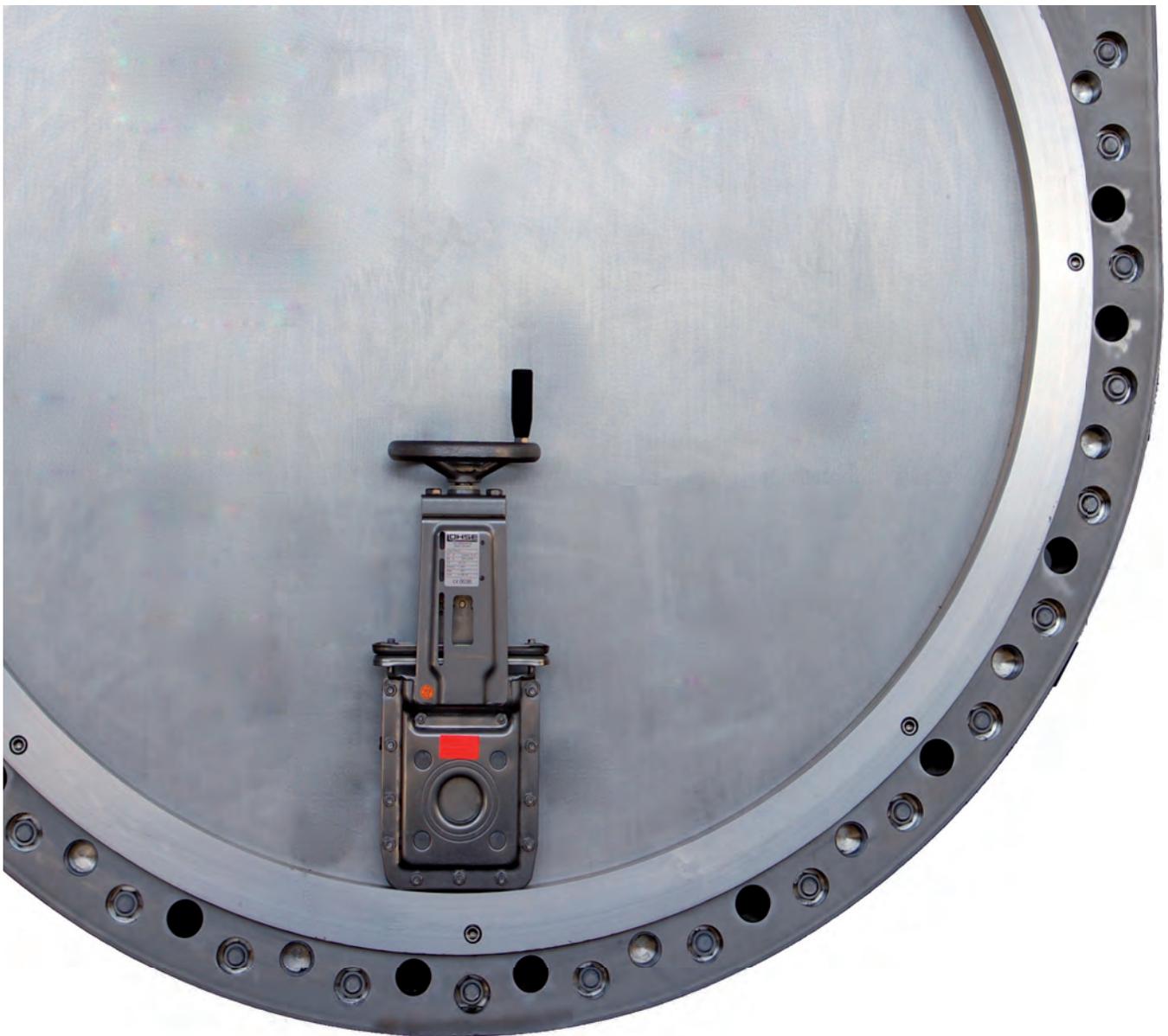


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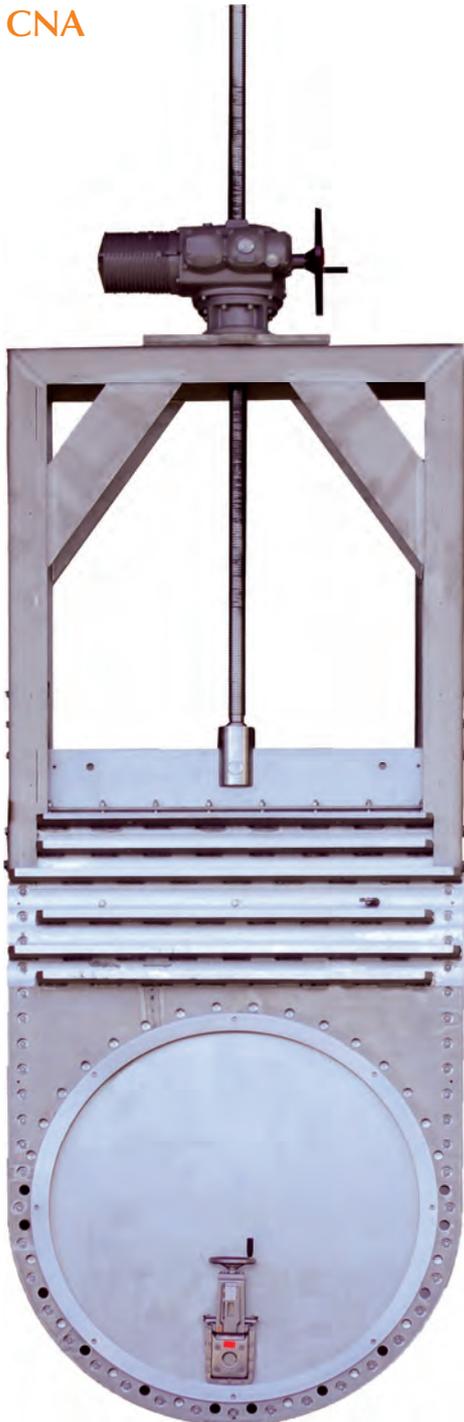
Shut-off valves with impressive dimensions



LOHSE Compact shut-off valves with awesome sizes

Our tried and tested compact knife gate valves have unique features and benefits. One point is among other things the possibility that you can get this shut-off valves in really large nominal diameters.

Example CNA



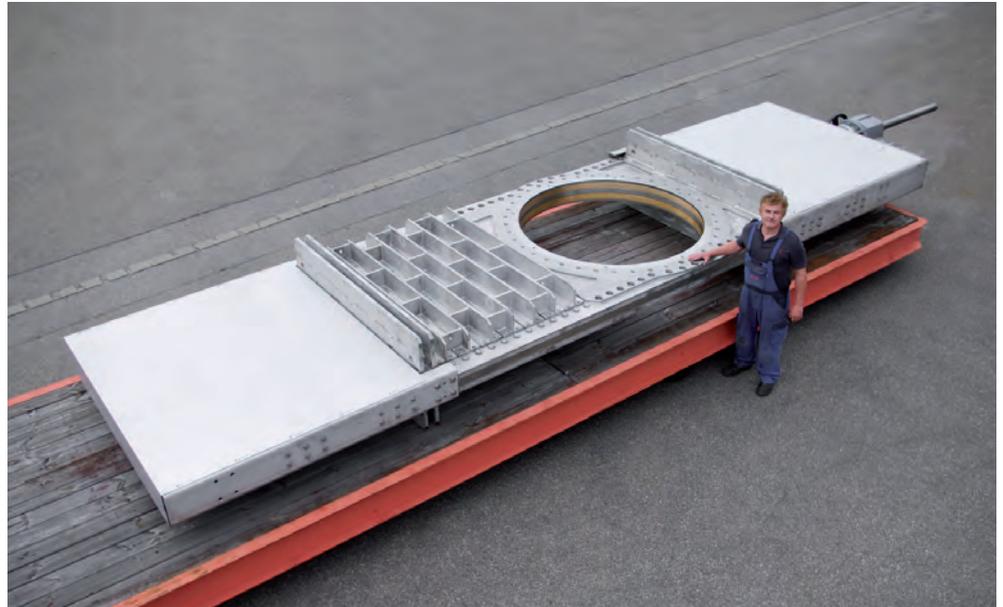
Even when visual comparison of this gate valve type CNA DN 1400 with his little brother DN 80 see the enormous mass!

No wonder that the giant with 5 meters length and constructed with super duplex steel brings more than 5 tons on the scales, note only the slide plate is 50mm thick.

These colossi are used for example in the pulp industry as outlet shut-off valve beneath a 55 meter high tower bleaching or stack tower.



Example CDS



Even greater is this gate valve with a through-going valve plate type CDS with DN 1600. It also has a valve plate with 50 mm thickness. This shut-off valve is nearly 10 meters long, and is therefore a true heavyweight: The weight is by imposing 13.7 tons!

This shut-off valve is installed beneath a 50 meter high storage vat – also in the pulp industry – as an outlet shut-off valve.

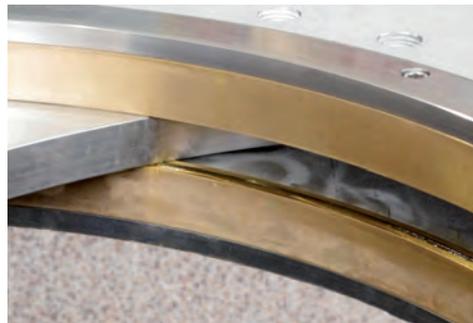
Example CNA



One of the largest shut-off-valves we have built is this CNA valve with DN 1800. The giant is used under a 70 meter high pulp tower in a South American paper mill. There, it has to withstand an operating pressure of up to seven bar and a permanent load.

Details

The demand of this properly imposing gate valves begins at the first stage of the design, because this gate valves with an nominal diameters up to DN 1600 mm are designed up to an operating pressure of 6 bar. Of course, certified according DIN EN 10204.



The guidances and slide rings are made of bronze ensure a smooth opening and closing of the valves.

Even fragile customized designs are no problem: The shown gate valves type CNA for example are provided with 22 flushing connections all around. As a result dewatering of fibers and blockages have no chance.



Only a inflexible shut-off valve is really stable and resistant against working pressure. We achieve this through the welded ribs to stiffen the housing.

Because of the impressive dimensions and weights the transport of our big gate valves is not common. That's why the giants go in special boxes on their journey. So they reach their destination safely.



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