



Bottom outlet valves  
made of Stainless steel  
and Hastelloy

# Bottom outlet valve with the solution against dead spaces

The new Düker stainless steel valves are in accordance to DGRL (PED) and they are TA-Luft conform. All gaskets are designed against FDA-guidelines. The construction fulfils the criteria for good cleanability "Qualified Hygienic Design".

Constructions for vessels with block flange or nozzle

- sealing with valve seat made of TFM 1600 with FEP-enveloped silicon ring
- valve seat with integrated resilient jointing
- bellow made of TFM 1600 with 6 convolutions (good and easy to clean/flush). Sealing inside of the body with FEP enveloped silicon ring
- replaceable PT100 without dismantling the valve
- stainless steel actuator with emergency opening
- headpiece with stainless steel cladding
- flush nozzle DN15 and 5° angled provided as standard. Closing with PTFE plug possible

Options:

- valve seat made of stainless steel
- lateral pneumatic actuator
- bellow monitoring
- mounting of accessories (Limit switch, Positioner...)
- customized valve seat



Qualified Hygienic Design

**QHD**

Authorized by VDMA

- material 316L
- Hastelloy
- gaskets according to FDA
- e-polish Ra < 0,8 µm
- operating conditions: pressures from -1 to 10 bar and temperatures from -60 to 200°C
- TA-Luft conform (German Technical Instructions on Air Quality Control)
- low maintenance

Portfolio of Düker Bottom outlet valves

- modular construction for stainless steel valves and glass lining valves
- advantages by spare part stock keeping
- DGRL (PED) and TA-Luft conform
- designed for chemical and pharmaceutical industry
- flexibility to customer requirements
- fast disposability

Of course you can have our bottom outlet valves in the established glass lined version. Please ask for further information's and download the respective actual documents from our website:  
<http://www.dueker.de>



GLASS LINING TECHNOLOGIES

JOBGING FOUNDRY

FITTINGS AND VALVES

DRAINAGE TECHNOLOGY

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