

## VAG introducing the ZETA® Knife Gate Valve with nominal diameter DN 1000 at IFAT

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VAG-Armaturen GmbH has extended its product range of resilient seated Knife Gate Valves by nominal diameters 800 and 1000 mm, making the VAG ZETA® Knife Gate Valve available in all commonly used nominal diameters which now range from 50 up to 1000 mm. Depending on its nominal diameter, the new VAG ZETA® Knife Gate Valve can now be used for working pressures of up to 10 bars.

The versatile valve guarantees high operational safety for the operator with both minimum maintenance requirements and a long service life.

Its design as a wafer-type valve and lugged-type valve allows its universal installation at full differential pressure even without using a counter-flange. Due to the fully flanged design, the perfect tightness of the valve is guaranteed in both flow directions. When the valve is closed the pipeline can be dismantled on one side even under working pressure. All these advantages result in the reduction of potential installation errors during on-site assembly and thus greatly increase safety during assembly. The ZETA® Knife Gate Valve is the universal standard valve and provides the user with significant advantages as compared to other commonly available Knife Gate Valves.

The fact that the valve is perfectly leak-free in both flow directions ensures its high operational safety which is also achieved by the integrated scraper system which keeps the knife permanently clean. In addition, the closed and compact stainless-steel sheet design provides a high degree of protection against injury which may be caused by the moving parts and at the same time

serves as an efficient shield of the knife and the external actuators against adverse environmental conditions such as dust, dirt, aggressive atmosphere or the effects of high solar radiation.

This valve's main area of application includes the conveyance of media containing solids, such as sewage water, sludge and storm water. Recently the VAG ZETA® Knife Gate Valve has become very successful in the conveyance of solids in biogas plants. For regulating tasks the valve can also be equipped with special control inserts, such as V-orifices.

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VAG-Armaturen GmbH is a German company with more than 130 years of experience in the design and manufacturing of heavy-duty valves for all kinds of water applications. With nearly 1,000 employees worldwide the valve manufacturer is a globally active company and is setting new standards as a solution and system provider in water and wastewater technology. With over 180 sales representatives, 11 subsidiaries and 3 production facilities VAG is at home around the world.

[You can find this press release here](#)