

## Revolution in civil engineering works through extension of VAG BAIO®plus System

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With its new VAG BETA® 200 MMB-Combi Gate Valve, VAG-Armaturen GmbH is introducing an extension of the successful BAIO®plus System. The new system consists of a VAG BETA® 200 SMB Gate Valve and two VAG BAIO®DVS Double-Socket Locks. So, from now on, the assembly and disassembly of flangeless cross junctions will be even faster and easier.

For many years now, the DVGW [German Association for Gas and Water] has recommended the general use of flangeless valves in the construction of underground pipelines. Until now, the disadvantage of this method was the fact that if socket connections were used, they could not be detached, i.e. only be disassembled by cutting the pipeline.

By the combination of the new VAG BETA® 200 SMB Gate Valve with the VAG BAIO®DVS Double-Socket Lock, a socket connection has been created which can be disassembled on both sides. This detachable connection becomes possible due to the two halves of the BAIO®DVS Double-Socket Lock. The halves are held together by a clamping ring. By opening the clamping rings on both sides of the gate valve, the valve can be removed without the disassembly of any other components. The time-consuming cutting of pipelines and the subsequent bridging of the gaps by additional fittings is no longer necessary. The big advantage is that the working space required for the refurbishment of a pipeline section is now located inside the cross junction and longer has to be provided outside it.

On the one hand, this saves costs with regard to civil engineering works and on the other, handling the components is made considerably easier.

Besides an integrated gate valve, the VAG BETA® 200 MMB-Combi Gate Valve has two BAIO® spigot ends in the through pipe and a BAIO® Multi-Function Socket in the branch pipe. The BAIO®DVS Double-Socket Lock is equipped with a multi-function socket on both sides for the direct locking of spigot ends or for the connection to pipes made of commonly used materials such as PE, PVC and cast iron.

The evolution of the tried and tested VAG BAIO®plus System is its consistently boltless design which allows the considerably faster and easier assembly and disassembly of cross junctions.

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, 12 subsidiaries and 4 production facilities VAG is at home around the world.

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