

THE DIFFERENCE LIES IN THE VALVE.

The valve design is the linchpin of any coupling system and it is essentially responsible for the flow / pressure loss on a coupling. Depending on the medium and application,

the use of a system with optimised valve technology can save a great deal of energy, e.g. in the supply to compressed air tools.



Standard-Valve

For decades, the tried and tested valve technology with its robust and compact design has served reliably in many applications. This valve design can be found e.g. in our 26KA series. At nominal diameter 7.4, a flow of approx. 1,000 l/min (air) is therefore possible.



UltraFlo-Valve

Due to less turbulence, this streamlined valve structure can increase flow by up to 80 % compared with conventional systems. This valve design can be found e.g. in our 25KA series. At nominal diameter 7.4, a flow of approx. 1,800 l/min (air) is therefore possible.



Ultra HighFlow-Valve

This extremely streamlined pipe valve optimises flow due to minimal turbulence on the extremely smooth insides and a reduced geometric change in the media flow with a constant nominal diameter and compact design. The valve springs are also separate from the flow medium and optimise the energy efficiency due to low coupling forces. This high-end valve design can be found e.g. in our 1600KA series. At nominal diameter 7.4, a flow of approx. 2,100 l/min (air) is therefore possible.