



A self-cleaning construction with the lowest pressure loss on the market. Specially designed for installation in pumping stations. Optimum function at a flow rate of max. 2 m/s. A complete range of different ball weights is available to prevent water hammer and vibrations in the piping system. The ideal placement of the ball check valve is in vertical position, but it can be installed in horizontal position as well.



**53/35 AVK ball check valve with flanges
DN 50-600**



**53/30 AVK ball check valve with threads
DN 32-50 BSP**



**53/40 AVK ball check valve in AISI 316 with threads
DN 32-80**



A horizontal installation requires a minimum flow velocity of 1 - 1.5 m/s if there is no pressure in the system. A recommended back pressure of 0.6 bar is needed to avoid noise and water hammer when closing the valve.

The ideal placement of the ball check valves is in vertical position.



Pressure requirement to open a ball check valve - please see table on page 30. Recommended flow velocity max. 2-3 m/s.