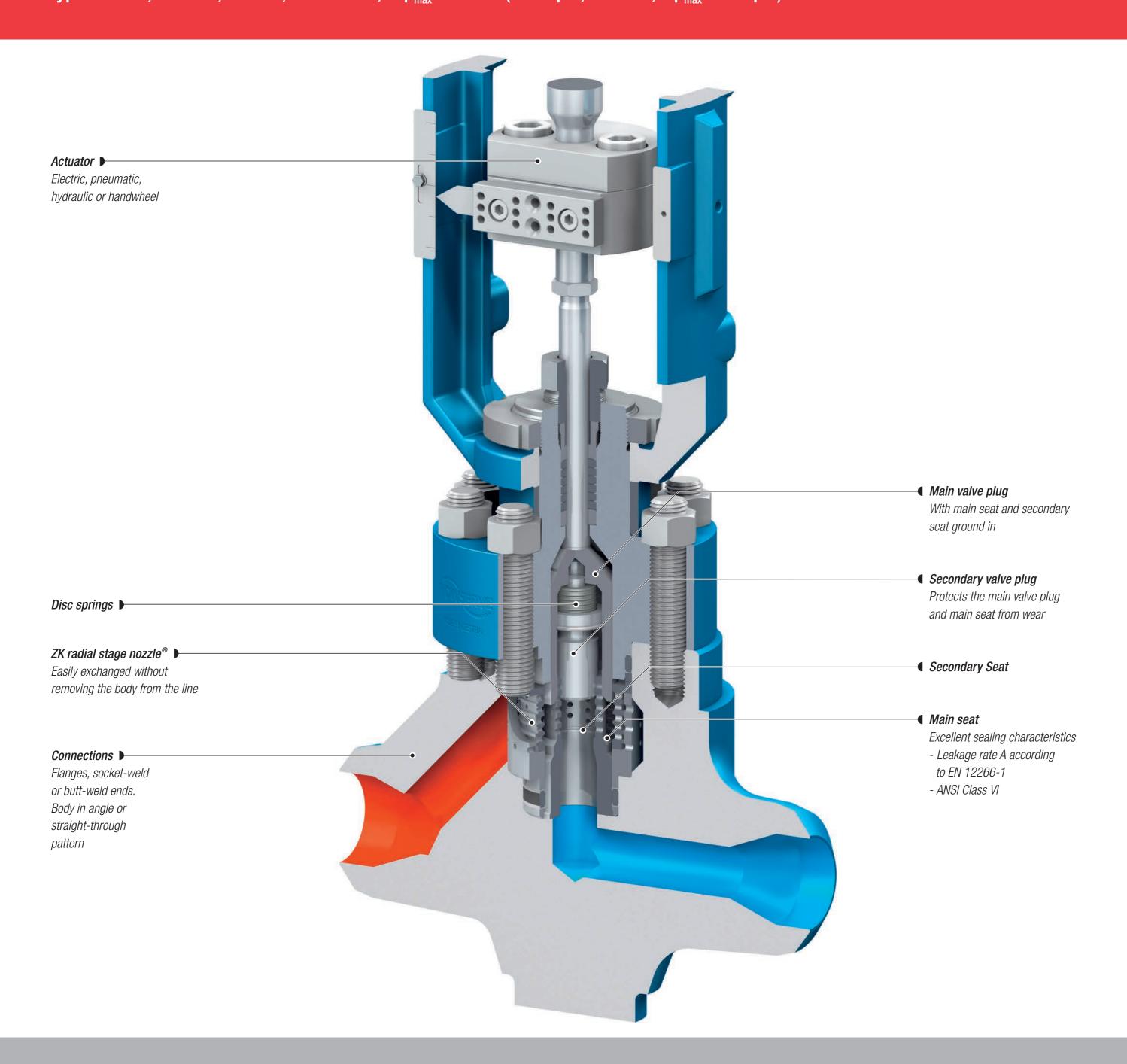
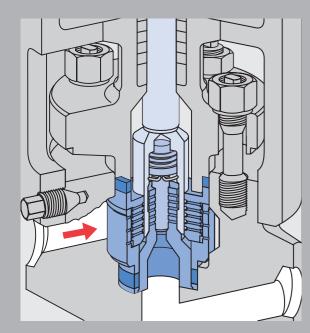
GESTRA Control Valve with ZK Radial Stage Nozzle®

FLOWSERVE GESTRA

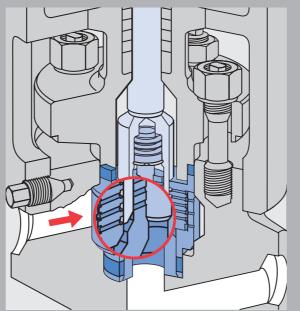
Type ZK 313, 600 bar, 620 °C, Class 2500, Δp_{max} 300 bar (8700 psi, 1148 °F, Δp_{max} 4350 psi)



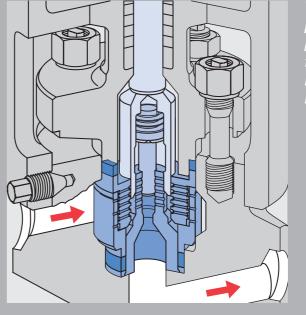
Functional principle of the tandem shut-off



The tandem shut-off combines valve, achieving very low leakage rates. Here the main valve plug is shown in the closed position.



opening process, first the main valve plug is lifted off secondary valve plug remains closed until the main plug the moment of opening or closing, the flow velocity at



in several stages, even for the lower control range.