

BALL VALVES

ERHARD RANGE

DOUBLE-ECCENTRIC BALL VALVE

When toughest conditions occur, ball valves are the recommended valve type. This valve type can cope with the highest operating pressures of up to 160 bar and extremely high flow velocities of 15m/s. The double-eccentric design ensures a long service life of the valve. At the same time, a ball valve literally does not create any pressure loss in the fully open position and is therefore the ideal solution for applications where energy-efficiency really matters: Turbine systems and high pressure pumping stations.



MARKETS



Water treatment



Water transmission



Dams and hydro power



Water distribution network



Industrial water applications



Sewage network and treatment

TECHNICAL DATA

Face-to-face dimension
acc. to EN558 series 26

Nominal Diameter (DN):
DN80 – DN1200

Nominal Pressure (PN):
PN10 to PN160

Fully epoxy coated

IP68 rating

Medium Temperature: Up to 60°C

APPROVALS

Made from DVGW approved materials

ADVANTAGES

ENERGY EFFICIENT

Literally no head loss in fully open position.

RELIABLE

Long service life due to double-eccentric design.

SAFE

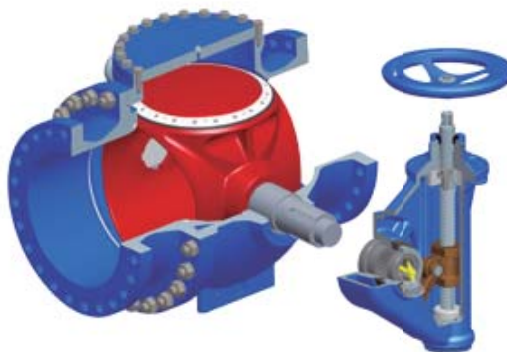
Water hammer prevention and system protection.

CHARACTERISTICS

└ **Double-eccentric design** ensures minimal stress on the sealing after unseating the valve. This results in a long service life of the valve.

└ **High quality coating** is selected and applied to the valve, according to the application, in order to provide the best possible corrosion protection.

└ **Flexibility** – Due to full bore design, this valve can be used in many applications, sewage included, as it offers an optional maintenance cover.



BALL VALVE IN CUT WITH SLIDER CRANK GEARBOX