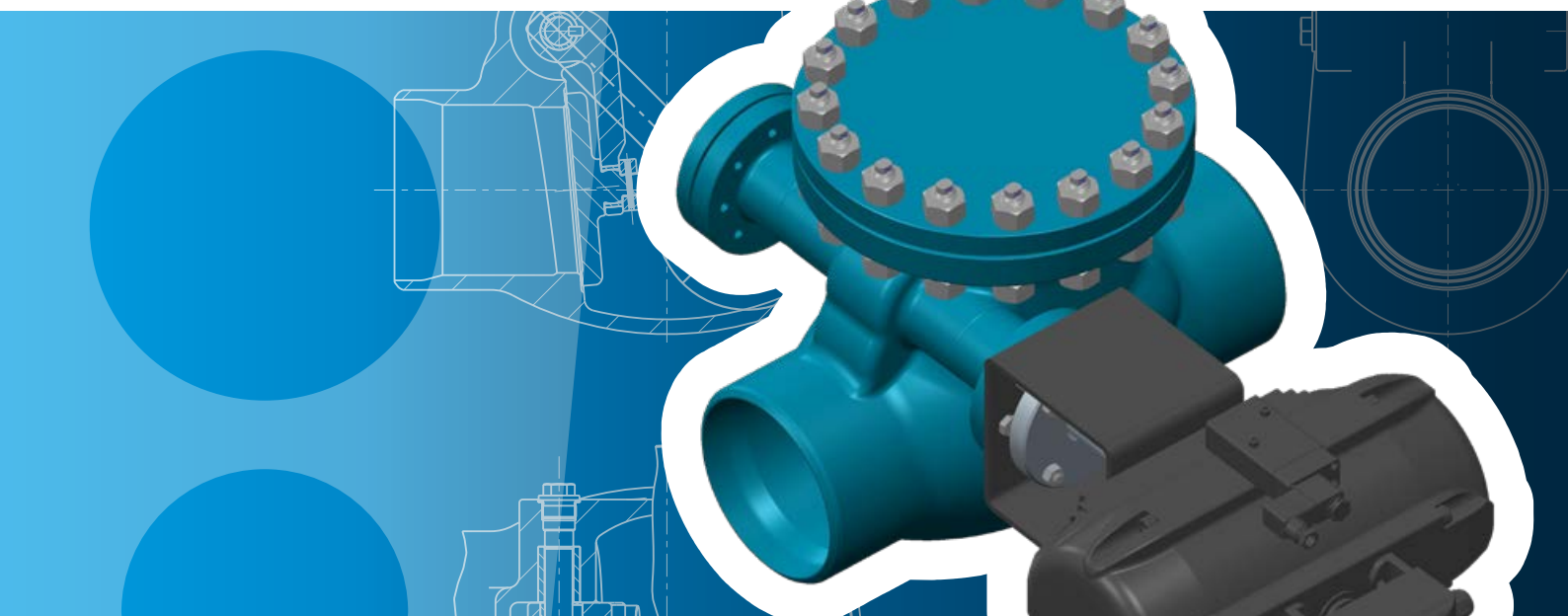




FREEWHEEL SWING CHECK VALVE

640 DJ PN 40-250 DN 50-800

Design highlights

- Armoured seat
- Swing check disc with spherical pin in the valve lever
- Freewheeling disc lever
- Part-turn actuator that provides closing support
- Standard connection as per ISO 5211
- Symmetrical body attachment

Advantages

- Long-lasting effective impermeability at closure
- Better mobility and adjustment of the disc to the body seat
- Low friction losses and packing wear
- Rapid and secure closing
- Easy assembly of pneumatic or hydraulic part-turn actuators
- Part-turn actuator can be installed on left or right, as desired
The position can be changed subsequently.

Version

- Body forged, cast or welded steel design
- Available with flanges or butt-weld ends
- Bolted or pressure-sealing cover
- Pneumatic or hydraulic actuator

Operating data

- Operating pressure up to 250 bar
- Operating temperature up to 600 °C

Materials

- 1.0425
- 1.0619
- 1.4903
- 1.5415
- 1.7335
- 1.7383

Other materials available on request.

Flow media

Depending on the choice of materials, the freewheel swing check valves can be used for water, steam, gas, oil or other non-aggressive media.

Applications

Primarily in steam circuits for rapid closing/protection applications.