

▪ Swing check valves ▪ Freewheel swing check valve ▪ 640 DJ ▪ PN 40-250 ▪ DN 50-800

Standard features: Die-forged valve body

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- Die-forged valve body, cast or as a welded steel design
- Available with flange and butt weld ends
- Bolted or pressure sealing bonnet
- Pneumatic or hydraulic actuator for safe closing

Pressure and temperature ratings

- Pressure rating up to 250 bar
- Temperature rating up to 600 °C

Materials

- 1.0619+N ▪ 1.0425 ▪ 1.5415 ▪ 1.7335 ▪ 1.7383

Further materials on request.

Media

Depending on the material the Freerun swing check valves are suitable for water, gas, oil and other non aggressive media

Fields of application

Mainly in steam cycles for fast closing / protection applications

Design Highlights

- Seats are welded on
- Shut-off device with convey pin within lever
- Freewheeling hinge pin
- Part turn actuator for safe closing
- Standard connection to ISO 5211
- Symmetric body design

Benefits

- Best possible sliding performance, minimum wear
- Optimum alignment of the disc to the body seat
- Low friction and less packing wear
- Safe and fast closing
- Easy installation of pneumatic or hydraulic part turn actuator
- Actuators can be installed on the left or on the right side without using new components