



**CZ**  
**CORP SPA**



## Swing Check Valve

**Body material:** carbon steel, stainless steel, alloy steel

**Nominal diameter:** 1/2"~60" (DN15~DN1500)

**Pressure range:** Class 150~2500 (PN10~PN420)

**End connection:** RF, RTJ, BW

**Working temperature:** -196°~+560°C

### Design Features

- Design standard as per: BS1868, ASME B16.34, GB/T 12236.
- Compact and reasonable product structure, reliable tightness and good performance;
- Smooth fluid passageway and small fluid resistance;
- Swing type disc.
- Can be designed with a Damping Cylinder.
- Rapid closing and flexible actions of the valve disc .
- Small closing impact, water hammer is not liable to be generated.
- Smooth fluid passageway and small fluid resistance.

The valve is opened or closed by the valve disc to rotate around the spindle outside the valve seat; and it is an automatic valve when it is automatically opened or closed by the force generated by the medium flowing within the pipeline. Its major function is to prevent the backflow of the medium in the pipeline, reverse rotation of the pump and its driving motor, and discharge of the medium in the container.