

Axial Non Slam Check Valve



Description

Non-slam check valves are designed to react to the high deceleration rates by closing very quickly, prior to the reverse velocity reaching damaging levels.

An axial check valve is the preferred solution for critical non-return applications such as the protection of rotating equipment and systems where low pressure loss, stable operation and dynamic behavior are essential.

Streamlined flow path through full-port expanded body avoids turbulence and prevents erosion and vibration. Process downtime and maintenance costs are eliminated.

Tight shut-off is obtained by means of metal-to-metal sealing between the disk and the seat. This sealing is not affected by erosion and deformation of material (like with a soft seal).

The spring-assisted design ensures ultra-fast closing with virtually no backflow and pressure surges in critical applications such as multi-pump systems or LNG trains.

Specification

- ✓ Body: Ductile Iron/ Carbon Steel/ Stainless Steel
- ✓ Disc: SS or Carbon Steel
- ✓ Sizes: DN 50 – DN 1600
- ✓ Pressure Ratings : 10/16/25/40 -higher ratings on request