



KAT-A 1324

Product characteristics and benefits

- Resilient seated in accordance with EN 593
- Face-to-face length acc. to EN 558-1, basic series 13 (DIN 3202 F16) or acc. to customers specification
- Specific design for air-cooled condensers in power plants
- For steam with high flow rates
- With welded ends
- Pressure range 0.05 bar (absolute) to 1.5 bar (abs)
- Temperature range of the saturated steam to 100°C
- Double-offset disk bearing mounted in maintenance-free bushing
- Medium free bearing (dry shaft) in body by means of double O-ring sealing and closed disk eyes
- Wear-resistant, corrosion-resistant and undermining-resistant seat
- Possible to replace profile sealing ring without disassembling the disk
- Automatic sealing system with enclosed and pressure-supported profile sealing ring
- With self-locking, fully enclosed, maintenance-free worm gear including mechanical position indicator

Materials

- Body: Welded steel S355J2+N (1.0577+N)
- Disk: Welded steel S355J2+N (1.0577+N)
- Valve sealing: EPDM
- O-rings: EPDM
- Butterfly valve stem: C45 steel, chromed
- Seat: Steel S235JR (1.0038)

Corrosion protection

- Body: external epoxy coating

Versions

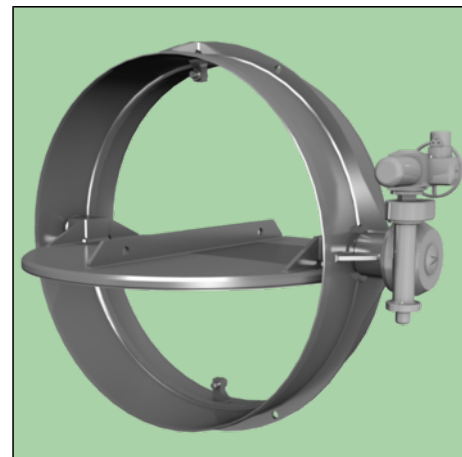
- Standard version as described
- Flange according to customer specifications
- Welded ends version "landing bar"
- Valve shaft made of stainless steel
- Electric actuator and other actuation on request
- Low temperature version (-25°C to 50°C ambient temperature) available on request
- Other materials available on request

Field of application

- Installation in plants

Tests and approvals

- Final inspection test according EN 12266 P12 (s.u.) or EN 12266 P10/11/20 possible
- Additional tests and certificates according to customer specifications



Accessories

- according to customer specifications
- Bodies with heating jacket

Operation data

- Maximum flow velocity in fully open position: Steam up to 150 m/s

Note

For proper installation and safe operation please follow the installation and operation instructions:
KAT-B 1310

Field of application

DN	PN	Maximum operating pressure [bar]	Maximum operating temperature for neutral liquids [°C]
800...3400	1.5	1.5	100

Pressure test acc. to EN 12266

Test pressure body with water [bar]	Test pressure seat with water [bar]
37.5	1.65