

ISORIA 20/25 KOH

Soft-seated Centred-disc Butterfly Valve



-
- Electrolysers (AEL)
 - Lye process (KOH)
 - Cooling circuits
 - Water supply
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ISORIA 20/25 KOH – Soft-seated Centred-disc Butterfly Valve

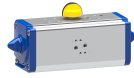
Combination options



Levers



Manual gearboxes



Pneumatic actuators



Electric actuators



Automation products

Benefits

■ Flexible and versatile

- Slim profile with minimal footprint
- Improved design and materials for harsh environments
- Special design for alkaline electrolysis using the KOH process

■ Tight shut-off

- KSB liners made in France with proven in-house expertise
- Precision-engineered spherically machined disc and spherically moulded liner ensure perfect sealing to atmosphere.
- No flange gaskets required

■ Safety and reliability first

- Manual actuator with locking device
- Blowout-proof actuating shaft
- Various anti-corrosive coatings for body and valve disc
- Special nickel-coated disc for KOH process
- High-quality degreasing in a clean room environment

■ Long service life

- Only the valve disc and liner are in contact with the fluid handled.
- Valve disc edge polished for reduced friction and extended liner life
- Splined shaft/disc connection for optimum torque transmission
- Self-lubricating bearings ensure smooth daily operation.

■ Easy to service

- Quick liner replacement on site
- Easy, cost-effective servicing



Operating data

| Characteristic | Value |
|------------------------------|--|
| Nominal size | DN 80 - 350 |
| Design pressure | Class 300 or PN 50 |
| Operating pressure / Delta P | 50 bar max. / 25 bar max. |
| Connection | Class 300 |
| Shaft end | ISO 5211 square end |
| Operating temperature | -10 °C to +200 °C |
| Body design | Semi-lug body (T2), full-lug body with flat faces (T3) ¹⁾ |

Versions available

| Actuation/automation | Type series |
|-------------------------|----------------------------|
| Levers | SR+, SP+, S+, CR+, CM+ |
| Manual gearboxes | MA+, MS, MC |
| Pneumatic actuators | ACTAIR EVO / DYNACTAIR EVO |
| Electric actuators | GS-SA, SQ, AQ, AQL |
| Position indicator | AMTROBOX |
| Open/close control unit | AMTRONIC U |
| Positioner | SMARTRONIC U |

Materials

| Component | Material |
|-------------------------------|--|
| Body ²⁾ | Nodular cast iron |
| Actuating shaft ²⁾ | Stainless steel |
| Valve disc ²⁾ | Stainless steel with anti-corrosive nickel coating |
| Liner ²⁾ | EPDM |

¹ Other configurations possible on request. Certificate on request.

² Other configurations possible on request. Certificate on request.