

DANAIS 150/300 – High-performance Offset-disc Butterfly Valve



amri

DANAIS 150 with ACTAIR

Applications:

- Industrie- und Verfahrenstechnik, besonders chemische und petrochemische Anwendungen
- Kraftwerke
- Schifffahrt und Schiffsbau (COT-, ULCC-, LPG-Tankschiffe)
- Zucker- und Papierindustrie
- Chemische Industrie
- Petrochemische Industrie
- Biokraftstoffe

More information:

www.ksb.com/products



DANAIS 150C + Mr



DANAIS 300T with ACTO 25

Your contact



DANAIS 150/300 – High-performance Offset-disc Butterfly Valve



1 Long service life

- The seat ring is located in the body and is thus not subject to wear.
- Plain bearings ensure a perfect guiding of the shaft and highest tightness even at full rating.
- Two independent sealing elements (O-ring + packing) if extension is mounted

2 Zero leakage

- The valve body is closed at the bottom and ensures perfect tightness.
- Clamping flange with drilled marks

3 Easy installation

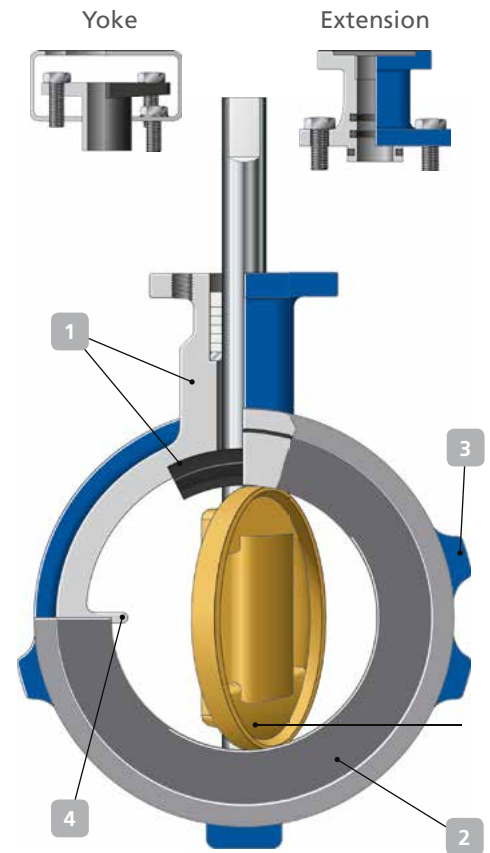
- Centring ribs facilitate installation between a variety of flange types.

4 Easy maintenance

- Packing can be replaced without dismantling of the yoke.
- No need to retighten the packing gland if extension is mounted.
- Travel stop protects seat and disc in case of wrong (re)assembly of the actuator.

5 High safety

- Anti-blow out system ensures a high level of safety.
- Extension protects sealing elements from aggressive environments.



Materials

Body	Stainless steel CF 8 M / 1.4408
	Stainless steel CF 3 M / 1.4409
	Stainless steel CF 3 M Mo > 2.75
	Nodular cast iron 60-40-18 (on T1 bodies)
	Carbon steel WCC / 1.0619
Stem	Duplex steel A351 grCK3MCUN (254 SMO)
	Stainless steel 630 / 1.4542
	Stainless steel 1.4462
	Duplex steel 1.4547
Disc	Stainless steel CF 8 M / 1.4408
	Stainless steel CF 3 M / 1.4409
	Stainless steel CF 3 M Mo > 2.75
	Aluminium bronze B148 C95400
	Duplex steel A351 grCK3MCUN (254 SMO)
Seat	FKM (VITON), NBR (Nitrile)
	PTFE
	PTFE fire-safe
	Metal seat

Technical data

Size	DN 50 to 1200
Pressure class	150, 300
Temperature range	-50 to +260 °C
Body design	Wafer-type, full lug body
Face-to-face dimensions	EN 558, Series 20, Table 1 ISO 5752, Series 20 API 609, Table 2

Four tightness classes according to the applications

Elastomer seat FKM or NBR	PTFE seat	PTFE fire-safe	Metal seat
DANAIS 150C	DANAIS 150 DANAIS 150D DANAIS 150T DANAIS 300T	DANAIS 150 DANAIS 150T DANAIS 300T	DANAIS 150

Note

ATE design in compliance with the 94/9/EC Directive. Safety requirements in compliance with the 97/23/EC European Pressure Equipment Directive. Fire-safe design to API 607. Flanged ends to EN, ASME, JIS. Other flanges on request. Type Approval Certificates according to Lloyd's Register, Bureau Veritas, American Bureau of Shipping, China Classification Society and Det Norske Veritas.



KSB Aktiengesellschaft
Johann-Klein-Straße 9
67227 Frankenthal (Deutschland)
www.ksb.com