

DANAÏS 150/300 – High-Performance Offset-disc Butterfly Valve

Industry

Water

Waste Water

Energy

Building Services

Mining



DANAÏS 150C + MR



DANAÏS 300T
with ACTO 25



DANAÏS 150
with ACTAIR

Applications:

- Industry and process engineering, in particular, chemicals and petrochemicals
- Power stations
- Marine engineering, shipbuilding (COT, ULCC, LPG, product tankers)
- Sugar and paper industry
- Chemical industry
- Petrochemical industry
- Biofuels

More information:

www.ksb.com/products

amri

Your contact:



DANAİS 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 + PTFE V-ring) if extension is mounted

2 Zero leakage

- The valve body is closed at the bottom and ensures perfect tightness.
- Retaining flange without bore holes

3 Easy installation

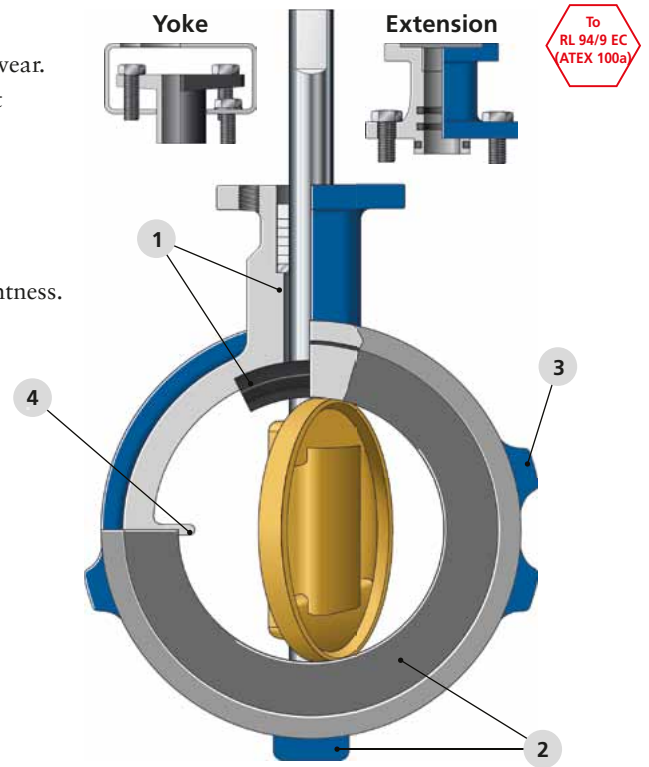
- Centring ribs centre the valve properly.

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
Disc	Duplex steel A351 grCK3MCUN (254 SMO)
Stem	Stainless steel 630 / 1.4542
	Stainless steel 1.4462
	Duplex steel 1.4547
Seat	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 types according to the applications

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

Note

ATEX 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.



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