

DANAÏS 150 – High-performance Double-offset Butterfly Valve



DANAÏS 150 +
DYNACTAIR EVO +
SMARTRONIC U



Applications:

- Sugar industry
- Edible oil
- Biofuels
- Pulp and paper industry
- Hard rock mining
- District heating
- Production and use of chlorine
- Sea transport (oil, chemical and liquefied gas tankers, etc.)
- Shipbuilding
- Process engineering

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Tight shut-off

- Zero leakage: ISO 5208 leakage rate A in both directions, even at high pressures
- No fugitive emissions into the atmosphere, (ISO 15848-2 Class BH)
- The seat is available in various materials.

Long service life

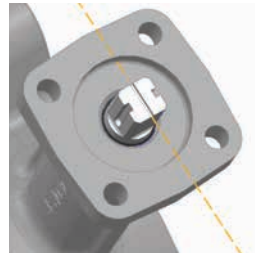
- Reduced abrasion thanks to the positioning of the seat in the body
- Long bearings for optimal guidance
- Optional neck extension for use in corrosive environments

High safety/reliability

- Fire-safe
- Manual actuator with locking device
- Lever with mechanical coding
- Blowout-proof actuating shaft

Easy to service

- Gland packing can be replaced without removing the bracket
- Longer maintenance intervals for the gland packing
- Seat can be replaced without special tools.
- Closed-position travel stop protects seat from damage.



Materials

Body	Stainless steel CF8M / 1.4408
	Stainless steel CF3M / 1.4409
	Stainless steel CF3M Mo > 2.75
	Nodular cast iron 60-40-18 (T1 body)
	Carbon steel WCC / 1.0619
Actuating shaft	Duplex steel A351 grCK3MCUN (254 SMO)
	Stainless steel 630 / 1.4542
	Stainless steel 1.4462
	Stainless steel 1.4547
Valve disc	Stainless steel CF8M / 1.4408
	Stainless steel CF3M / 1.4409
	Stainless steel CF3M Mo > 2.75
	Aluminium bronze B148 C95400
	Duplex steel A351 grCK3MCUN (254 SMO)
Seat	Plastomer: PTFE and fire-safe PTFE (API 607)
	Elastomer: FKM (Viton) and NBR (nitrile)
	Metal: stainless steel

Technical data

Nominal size	DN 50 - 1200
Operating pressure	PN 10/16/20/25, Class 150
Connection	Flanges to EN, ASME (Series A), JIS
Operating temperature	-50 °C to +260 °C
Body design	Wafer-type body Full-lug body
Face-to-face length	To EN 558, Series 20, Table 1 ISO 5752, Series 20 API 609, Table 2

Note:

Product information as per Directive 2014/34/EU (ATEX): The valves do not have a potential internal source of ignition. In accordance with ATEX 2014/34/EU, they can be used in potentially explosive atmospheres, Group II, category 2 (zones 1+21) and category 3 (zones 2+22).



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