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## Dana's MT II – Maintenance-free Offset Disc Butterfly Valve



amri

### Applications:

- Process engineering and industry
- Power stations

### More information:

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# Danais MT II – Maintenance-free Offset Disc Butterfly Valve

## 1 Maintenance-free shaft sealing

Two maintenance-free independent sealing systems at the stem passage ensure reliable sealing to the atmosphere.

## 2 Straightforward insulation

Insulating can easily be performed thanks to a body design with collar.

## 3 High safety

Shaft in anti-blow out design ensures safety.

## 4 Reliable shut-off in both flow directions

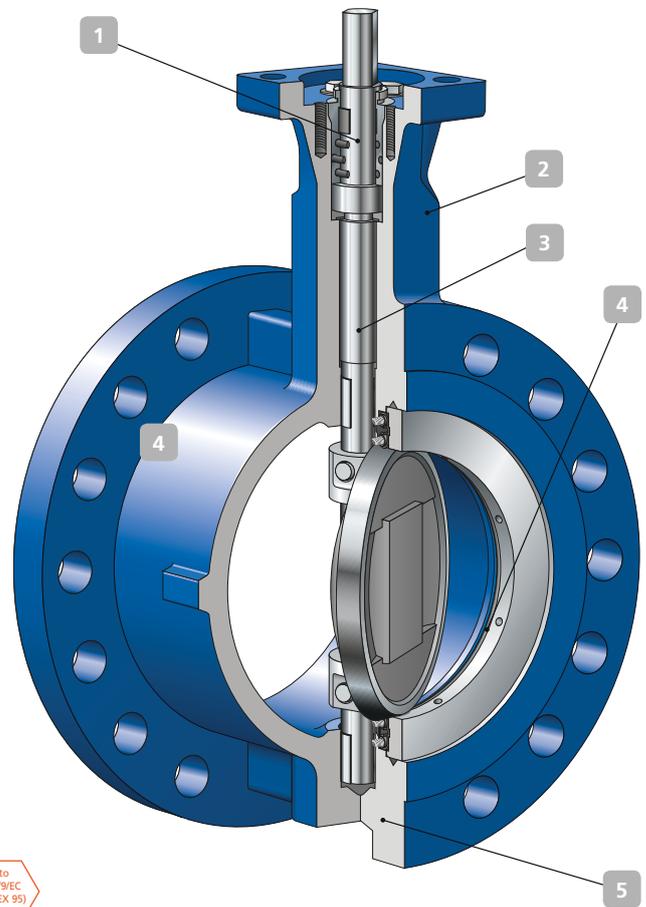
- The seat ring adjusts to the valve disc according to the flow direction, while the differential pressure additionally supports the sealing effect.
- Fitted in the body, the seat ring is not subjected to any wear and tear.

## 5 Only one stem passage

No risk of leakage.

## Long service life

The keyed or splined positive connection between stem and disc ensures optimum power transmission.



### Standard variants

Manual actuators	S lever series
Manual actuators (gearbox)	MR
Pneumatic actuators	ACTAIR / DYNACTAIR
Electric actuators	ACTELEC
Hydraulic actuators	ACTO / DYNACTO / ENNACTO
Limit switches	AMTROBOX
Positioners	AMTRONIC / SMARTRONIC

Note: ATEX design in compliance with the 94/9/EC Directive; safety requirements to 97/23/EC European Pressure Equipment Directive; flange designs to EN, ASME\*; fire safety to BS 6755 Part 2  
\*Other flanges on request

### Materials

Body	Stainless steel, steel
Stem	Stainless steel
Valve disc	Stainless steel, steel
Seat ring	PTFE, nickel, copper, stainless steel

### Technical data

Nominal diameter	DN 50 to 600
Operating pressure	up to 50 bar / 725 psi
Temperature range	
- Standard	-50 to +260 °C / -58 to +500 °F
- Special design	-200 to +380 °C / -328 to +716 °F
Body design	Wafer, semi-lug or full-lug



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