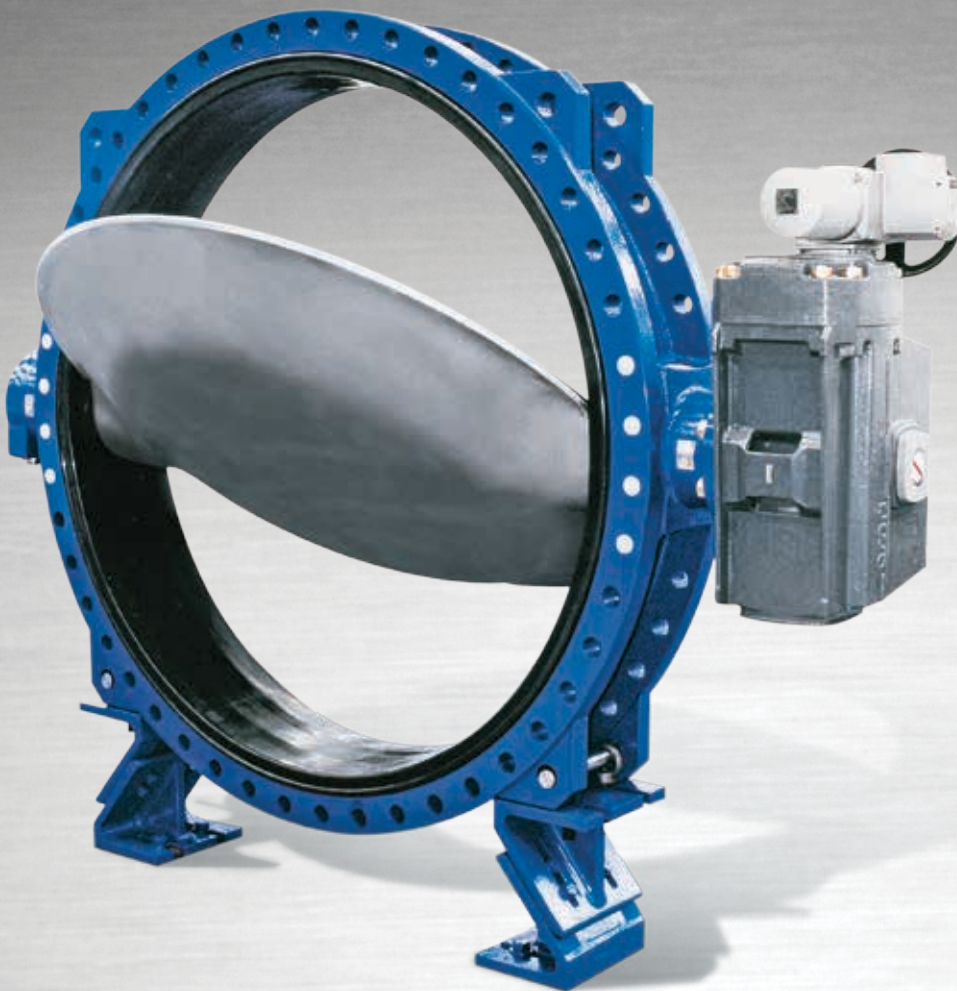


MAMMOUTH – Maintenance-free Butterfly Valve with Large DN



WRAS
APPROVED
PRODUCT

Applications:

Shut-off and control functions for all fields in the industry and energy sectors:

- Water supply and treatment, irrigation, drainage
- Desalination (reverse osmosis, multi-stage flash)
- Power plants
- Cooling circuits
- Shipbuilding

More information:

www.ksb.com/products

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1 Tight shut-off

thanks to the unique AMRING® sealing system:

- The spherically machined valve disc and the matching spherically moulded liner ensure perfect shut-off – even with frequent cycles (fluid contact with disc and liner only).
- The specially designed liner also provides a tight seal at the flange connections, eliminating the need for an extra gasket.

2 Long service life

The keyed positive connection of shaft and disc ensures optimum torque transmission, ruling out corrosion and facilitating dismantling.

3 Vacuum-proof

The liner is built with a dovetail design anchoring it firmly into the body and making it absolutely vacuum-proof.

4 Support foot (optional)

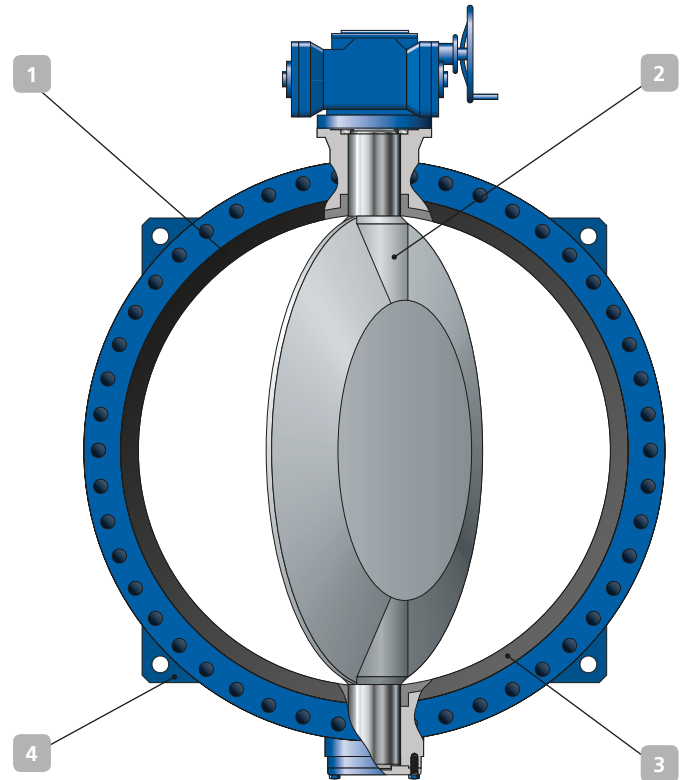
Long service life, zero maintenance

An actuator change can be performed while the valve is fitted thanks to the optional valve disc locking device. No risk of corrosion, easy to dismantle.

WRAS-approved

Standard variants

Manual actuators (gear)	MR
Pneumatic actuators	ACTAIR
Electric actuators	ACTELEC
Hydraulic actuators	HQ / ENNACTO / Counterweight-return actuators
Valve disc locking device	
Support feet	
Anti-fluttering device	
Dismantling and expansion joints	
Additional product line	ISORIA for DN ≤ 1000



Materials

Body	Nodular cast iron, steel
Shaft	Chrome steel
Valve disc	Nodular cast iron / stainless steel / aluminium bronze / hard rubber coated nodular cast iron
Liner	EPDM, Nitril

Technical data

Nominal diameter*	DN 1,050 to 4,000
Max. operating pressure	25 bar / 363 psi
Temperature range	-10 °C to +80 °C / +14 °F to +176 °F

Body design	U-shaped / double-flanged with flat faces
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*Larger nominal diameters on request.

Note: ATEX design in compliance with the 94/9/EC Directive; safety requirements in compliance with the 97/23/EC European Pressure Equipment Directive; flange designs to EN, ISO, AWWA, ANSI, ASME, MSS, JIS*

*Other flanges on request. The valves meet the requirements of the REACH 1907/2006 regulation.



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