



REPTRANS
DN 1000
RWTP1500
3301
SG 42

SERIES 33.

REPUBLIC TRANSMISSIONS SA

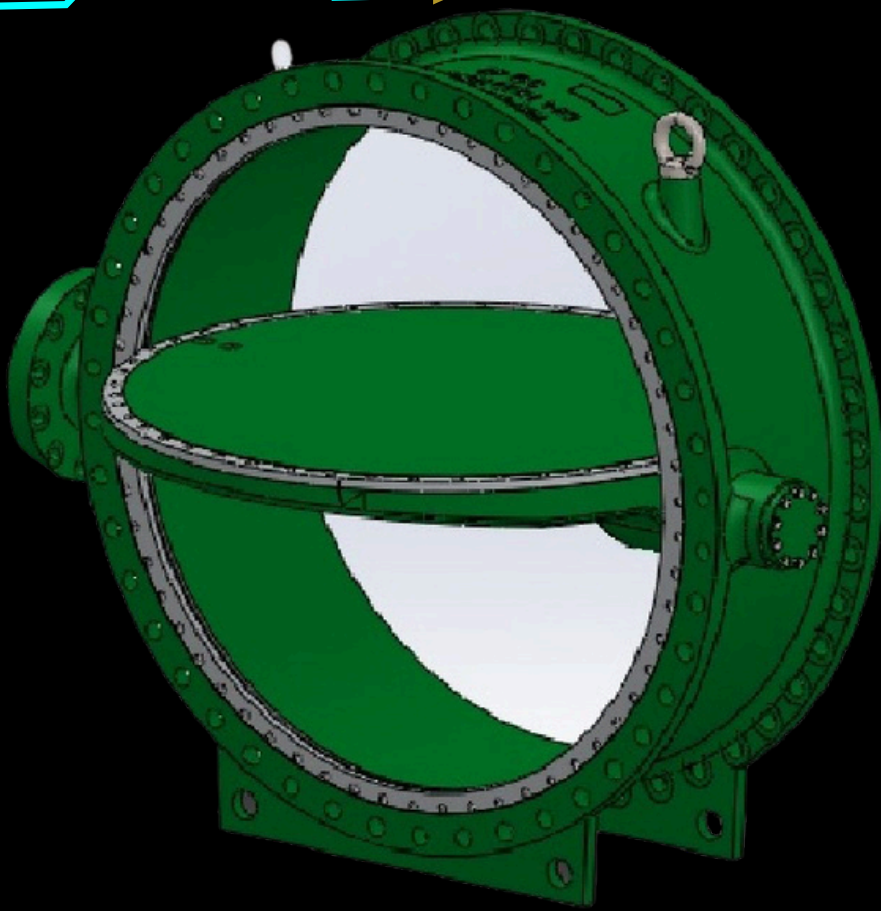
Triple Eccentric Butterfly Valves



REPTRANS BUTTERFLY VALVES

ENGINEERED FOR PERFORMANCE. BUILT FOR RELIABILITY.

Republic Transmissions is a leading South African manufacturer of high-performance triple offset, metal seated butterfly valves, serving the water, waste water, mining, gas, industrial oil, and power generation sectors. From design to manufacturing & refurbishment, all operations are carried out at our Lilianton, Boksburg & Roodepoort facility, ensuring strict quality control and rapid turnaround times.



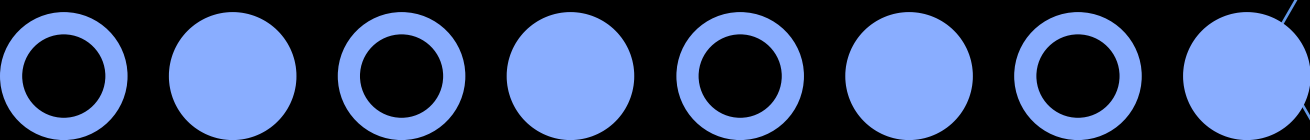
OUR VALVE SOLUTIONS

We specialize in metal-seated triple offset butterfly valves designed to deliver exceptional sealing performance, durability, and operational efficiency.

- Bubble-tight shut-off at rated pressures in both directions.

- Suitable for flow regulation and isolation.

Designed for long service life and minimal maintenance.



TRIPLE OFFSET BUTTERFLY VALVE (TOBV)

Our triple offset butterfly valves are engineered for **zero-leakage performance** in demanding environments. The unique three-offset geometry eliminates friction between the seat and disc, ensuring reliable operation under extreme conditions.

KEY FEATURES

· Metal-to-Metal Sealing:

Provides durability under extreme temperature and pressure conditions.

· Zero Leakage:

_Precision engineering ensures bubble-tight shut-off.

· Low Torque Operation:

_Reduced friction enables smoother operation.

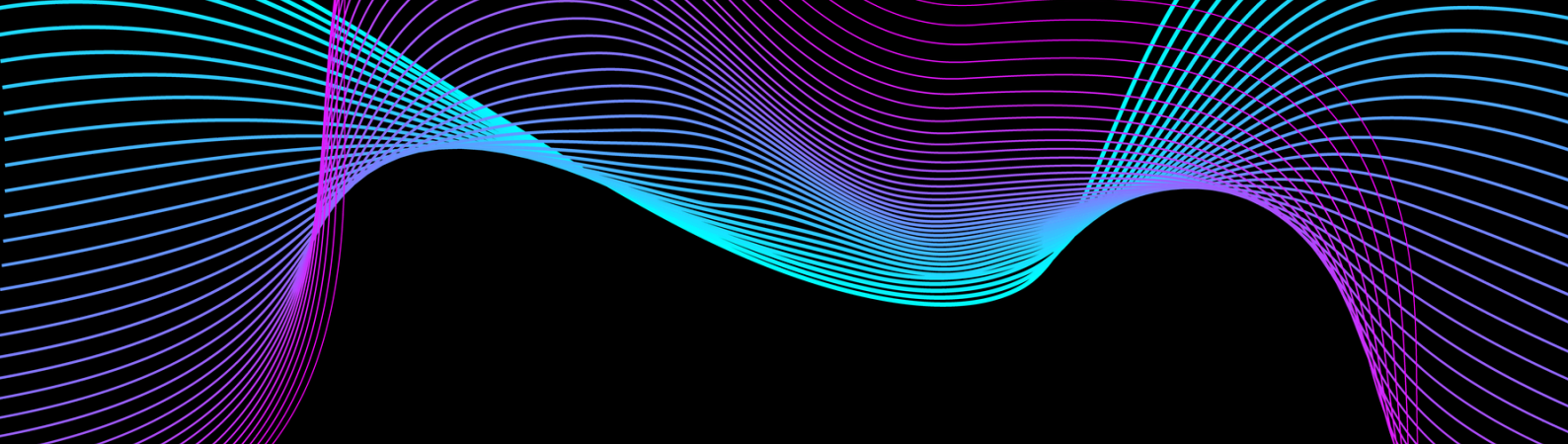
· Extended Service Life:

Minimal wear significantly reduces maintenance requirements.

· Corrosion Resistance:

_High-grade materials ensure durability in harsh environments.





PRODUCT RANGE (METAL)

Size Range: DN100-DN1800

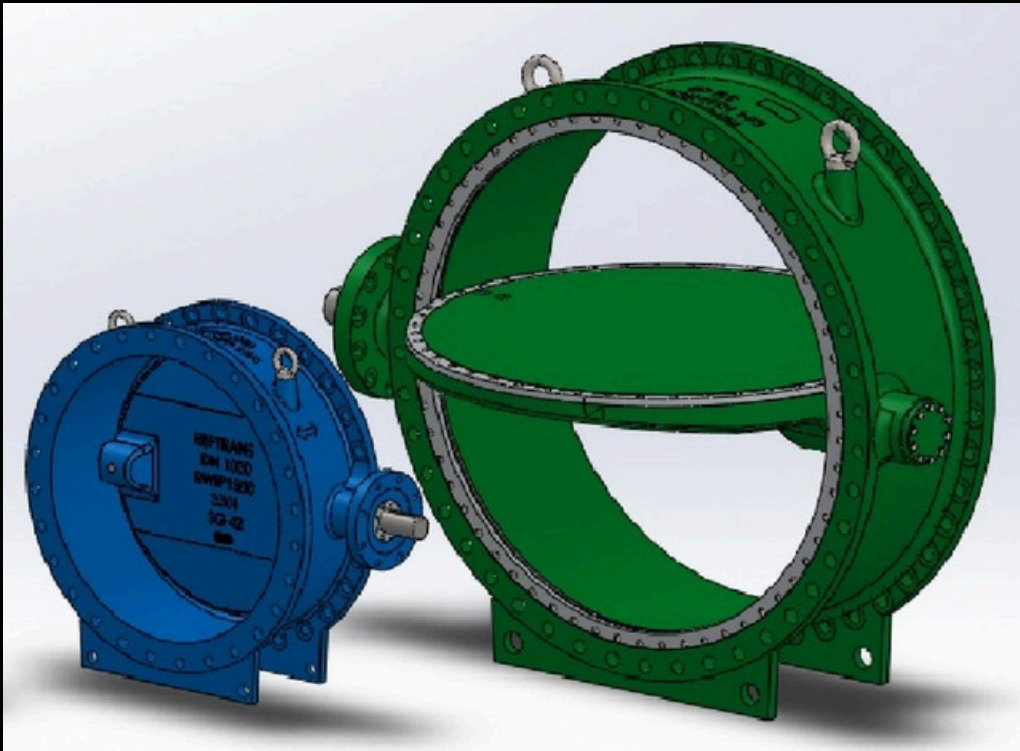
Pressure Ratings:

·PN6 to PN63

·RWTP 1500 KPA to RWTP 3500

·CLASS 125 TO CLASS600





DESIGN & CONSTRUCTION

- Valve offered in both left- and right-hand closing configurations
- Valves are supplied with integral flanges, which can be cast and drilled to meet specific customer or contractual requirements. Common standards include BS 4504, SANS 1123, and BS 10.
- Face to Face in accordance to BS EN SS8
- Internal and external epoxy coatings for corrosion protection



OPERATION & INSTALLATION

Actuation Options:

- Manual (gearbox with handwheel)
- Electric (Actuator or actuator and gearbox combination)
- Pneumatic
- Hydraulic

Additional Options Include:

- Valve input shaft and locking devices
- Extension spindles and pedestals
- Gearbox position indicators

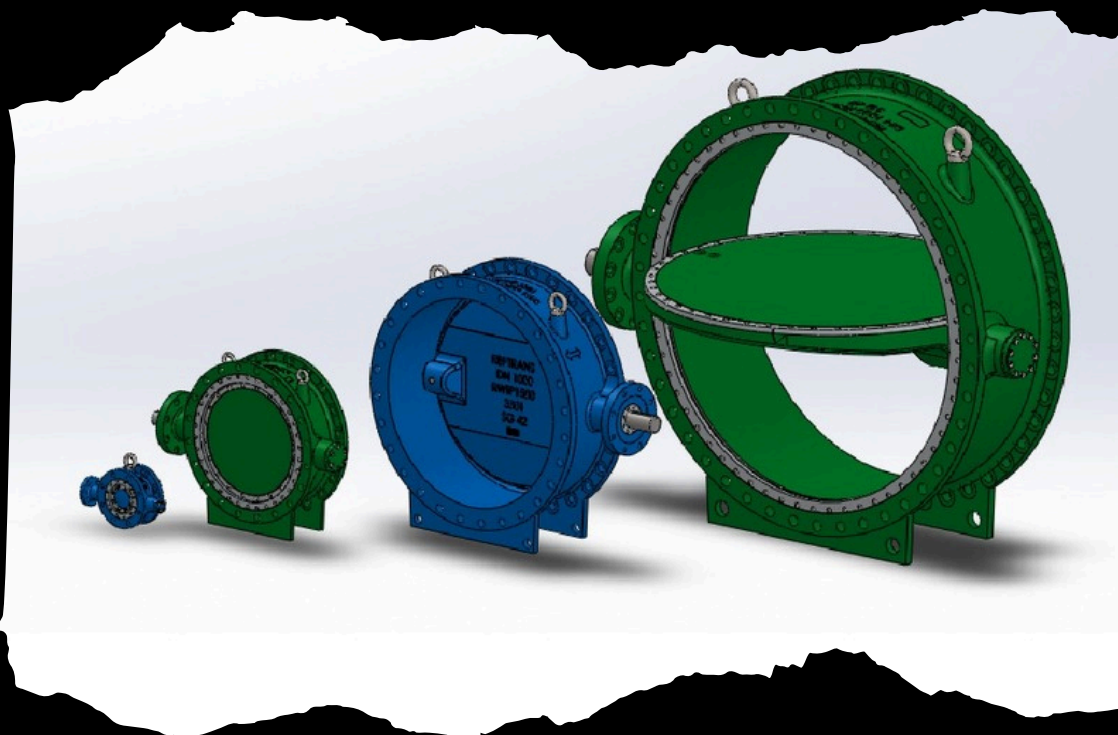
Installation:

Suitable for both horizontal and vertical pipeline configurations.

INDUSTRIES SERVED

Our valves are trusted across a wide range of industries:

- Power Generation:** Steam and cooling systems
- Oil & Gas:** Pipelines and processing plants
- Water & Wastewater:** Treatment and distribution systems
- Chemical & Petrochemical:** Corrosive and high-temperature media





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