DOUBLE ECCENTRIC BUTTERFLY VALVES

DESIGN FEATURE

Bi-directional design
Top flange according to ISO 5211
Our design ensures lower torque value
Precise disc limit stop
Blow-out proof shaft
Zero leakage has been tested after 100000 cycles
Double eccentric design reduces wear on the seat and disc, and ensures bi-directional sealing under rated pressure range
Fire safe design accordly to API607
Suitable for severe service due to high grades for reinforced PTFE options

APPLICATION

Oil & Gas
Water treatment
Petrochemical
Chemical
Pulp & paper
**TECHNICAL SPECIFICATIONS**

**PRINCIPLE OF SEAT SEALING**

**SOFT SEAT**

![Diagram of Soft Seat]

Soft seat: The elasticity of the seat together with the fluid pressure ensure zero leakage.

**FIRE SAFE SEAT**

![Diagram of Fire Safe Seat]

Fire safe seat: During a fire when the PTFE-R seat burns away, the supplementary metal seat activates automatically and prevents extraordinary low leakage rate.

**METAL SEAT**

![Diagram of Metal Seat]

Metal seat: This version offers very high sealing capabilities with an extra-ordinary low leakage rate.

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**ACTUATION OPTIONS**

<table>
<thead>
<tr>
<th>Gearbox</th>
<th>Hydraulic</th>
<th>Pneumatic</th>
<th>Electric</th>
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Pneumatic, electric or hydraulic actuators with accessories, such as solenoid valves, limit switches, positioners can be supplied.