

# RUBBER LINED BUTTERFLY VALVES



## RUBBER LINED BUTTERFLY VALVES

Ideally suited to the water and sanitation industry

### ABOUT BUTTERFLY VALVES

Mitech's Butterfly valves are concentric disc, rubber lined valves for use in a wide range of applications. Their robust design and variety of materials of construction make them compatible with most liquids and gases in applications where zero leakage shut-off is required.

The valves are designed and constructed in accordance with BS-5155 and BS-EN1092-1. They range in sizes from DN80 to DN2000 with pressure ratings from PN10 to PN40.


A selection of body, trim and liner materials is available with cast iron bodies and discs and EPDM liners being the standard offering. WCB and stainless steel body materials with coated or stainless steel discs and polyurethane liners are readily available.

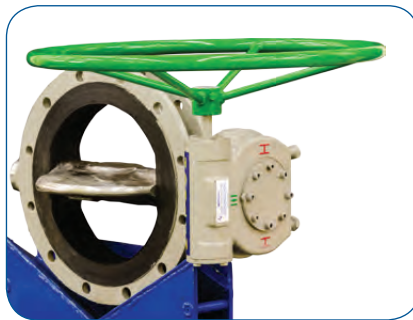
### INDUSTRIES AND APPLICATIONS

- Water and sanitation
- Mining
- Metals and minerals



## KEY FEATURES AND BENEFITS

| Model   | Key features                                       | Key benefits  |
|---|--|---|
|  | RUBBER LINED BUTTERFLY VALVES                      |   |
|   | Vulcanised liner                                   | Prevents movement of the liner and high cycle life time   |
|   | Tight shut-off                                     | Savings on energy, process fluid  |
|   | Bi-directional shut-off                            | Shut-off against full pressure both up and down stream  |
|   | Multiple flange options                            | Ease of installation in many pipe/flange configurations. U-section and double flanged valves suitable for terminal mounting |
|   | Used for throttling or shut-off                    | Single device for control or shut-off   |
|   | Variety of body, disc and liner materials          | Compatible with both corrosive and non-corrosive liquids and gases  |
|   | Splined shaft to disc connection                   | Precise positioning and reliable operation  |
|   | Variety of actuation methods                       | Adaptable to most plant requirements  |
| Designed and manufactured in RSA  | Full compliance with 70% local content legislation |   |



## BUTTERFLY VALVE RANGE

|                   |  |
|-------------------|--|
| Valve size        | DN80 to DN 2000  |
| Body rating       | PN10 to PN40   |
| Body flange style | Wafer, U-section, Double flanged   |
| Body material     | Ductile Iron, Carbon Steel, Stainless Steel (others on request)              |
| Disc material     | Ductile Iron epoxy coated, Carbon Steel, Stainless Steel (others on request) |
| Liner material    | EPDM, Nitrile, Polyurethane, PTFE (others on request)                        |
| Shaft material    | Stainless Steel  |
| Actuation         | Lever, Gearbox with hand wheel, Pneumatic, Electric                          |



# MITECH



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