



# Butterfly Damper Valves

## Type BD



### Applications

- Powder and granule handling where a tight shutoff is required
- Throttling conveying air
- Discharging from a silo or IBC
- Shut off and isolation
- Controlling the flow of gases

### Standard Features

Low break-out torque O ring seals- smaller actuators and handles  
Easy to change vane seal with the valve in-situ  
Reliable Kinetrol 1/4 turn pneumatic actuator  
Position indicating switches  
Positioner option for throttling  
Solenoid control valve- single and double coil  
Air fail spring return unit  
Spring loaded handle latch or infinite lock  
Fabricated body  
Any size possible from small to very large  
Any material that can be fabricated can be used  
Nitrile, Viton, EPDM, metal to metal or PTFE seals  
For smaller ( $\varnothing 100$ - $\varnothing 500$ ) units see also BV and WBV range

### Options

Bare shaft for you to fit your own actuator  
High temperature ( $800^{\circ}\text{C} +$ ) gland packing shaft seals  
Extended handle and actuator mounting  
Exotic materials (Hastelloy, Kalrez)  
Custom designed units (very large or small, special applications)

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