

**GENERAL APPLICATIONS**

CVB Dumper Butterfly Valves DMR series have excellent performance, high reliability, easy maintenance to allow accurate directional flow control in any gas circulation system.



**CORE FEATURES**

- Monobloc or fabricated body
- Low pressure drop
- Additional thrust bearing
- Wide range of materials

**BENEFITS OF DMR SERIES**

**Body:**

- Available for wafer or flanged style
- Ensuring maximum performance and reliability
- Guaranteeing lightness
- Available with extended neck to enable piping insulation

**Disc:**

- Design to minimize pressure drop
- Light design to easy controllability
- Light construction with reinforcing ribs to ensure low operating torque

**Shaft:**

- Double shaft or (upon request) single shaft design to guarantee higher torsional resistance
- Extended shaft to allocate additional bearing to reduce friction and avoid bending

**Actuation:**

- Top flange allows easy coupling to manual, pneumatic and electric actuators
- ISO 5211 standard

**PRODUCTION RANGE**

Nominal diameter  
3" - 120" (80 - 3000 mm)  
Larger size upon request

**RATING**

NP 2,5 - 6  
Higher pressure upon request

**BODY STYLES**

Wafer  
Double Flanged  
For FtF dimensions, please refer to relevant technical brochure

**PRESSURE LIMITS**

From vacuum  
up to +6 bar (88 psi)  
Please refer to relevant technical brochure related to tightness class

**TEMPERATURE LIMITS**

From -20°C (-4°F) up to +818°C (+1600°F)  
Please refer to relevant technical brochure related to seat material

**MATERIALS**

Carbon Steel  
Stainless Steel  
Other materials available upon request

**APPLICABLE STANDARDS**

Design:  
ANSI B16.34/ ASME VIII/ API 609  
Face to face:  
API 609 A / ISO 5211 / DIN 3337  
Flange:  
B16.5/ B16.47/ASME VIII/ DIN/ ISO/ UNI  
Testing:  
API 598  
Fugitive emission:  
ISO 150484-1  
NORSOK

