

Flue Gas Desulphurization Valve

Your solution for modern FGD processes



Flue Gas Desulphurization Butterfly Valve Type 567

Modern FGD processes are an essential key technology to remove sulfur dioxide SO₂ from outgoing flue gas emissions. As several aggressive chemicals and abrasive media are used, FGD applications demand highly corrosion-resistant process components to ensure a reliable and durable system. Therefore plastic materials are the material of choice wherever possible.

When high class duplex metal materials fail under harsh conditions, plastic materials such as polypropylene still perform efficiently. Multiple industries such as coal-fired power plants rely on the GF FGD Butterfly Valve Type 567 which outpaces commonly used valve solutions in gas scrubber applications by far.



Butterfly Valve Type 567



PROGEF System



Butterfly Valve Type 039

+ Benefits

- Low wear and tear thanks to low operating torques owed to the double eccentric principle
- High corrosion resistance
- Long service life compared to conventional metal centric butterfly valves
- Modular range providing any actuation required (manual, gear operated, electric or pneumatic)
- Drastically reduced abrasion effects due to reduced contact surface of the special profile seal
- Position feedback and possibility for process control
- Non-wetted shaft and no exposed metal parts in contact with the medium
- Reduced actuator size owed to the double eccentric principle

+ Range Details

- DN50 – DN600
- Wafer and Lug style
- Materials of construction
 - PP-GF for the outer housing: UV resistant and strong
 - PVC-U, PVC-C, PP-H, PVDF and ABS for the inner components
 - EPDM, FPM and PTFE as sealing materials
- The right combination of materials allows temperatures up to 120° C and a pressure rating up to 10 bar

For higher process parameters in FGD applications such as pressure rating PN16, GF Types 038 and 039 supplement the plastic valve type 567.

With its ductile iron body and various disc- and seat liner materials, it can be used in different areas of the FGD process.

Your contact

Georg Fischer Piping Systems Ltd
 Ebnatstrasse 111
 Postfach
 8201 Schaffhausen
 Switzerland

info.ps@georgfischer.com
 www.gfps.com

