



FM Approved Butterfly Valves

always in touch

Wouter Witzel introduces their program for FM approved rubber-lined butterfly valves. Industrial and commercial companies around the world rely on products and services that are FM Approved and specification tested to protect their properties with systems for fire protection. The FM APPROVED mark, which is backed by scientific research and testing, tells customers the product conforms to the highest standards.

Our range of FM approved butterfly valves fully comply to these requirements and are specific designed for heavy duty fire-water applications.



Design

- Body
- Wafer type
 - Semi lug type
 - Lugged type
 - Single flanged type
 - Double flanged type

Design Standard EN 593 and API 609

End Connection EN 1092 PN 10, 16
ASME B16.5 cl. 150
MSS SP 44 cl. 150

Size Range DN 50 - 400,
NPS 2”- 16”

Face to Face EN 558-1/2
Series 13,14,16,20
API 609 A

Body Ductile Iron JS1030 or ASTM A 395

Body Seat Rubber-lined bonded to the body
(NBR or EPDM)

Disc Centric design (several materials available)

Shaft Dry shaft design

Gearbox FM approved gearbox with Vane indicator
and optional (2) integrated switches

Options Extension spindle
Extra Coating layers

Functional characteristics

- Application On/off and regulating
- Design pressure max. 16 bar
- Design temp NBR: 90 degr. C
EPDM: 110 degr. C
- Flow velocity 5 m/s
- Seat tightness Bi-directional
ISO5208 A
- Certificates EN10204 2.2,3.1,3.2

Typical markets for our FM approved butterfly valves :

- Oil& Gas Industry: Refineries and tank terminals
- (Petro) Chemical industry
- Building services: Airports utility buildings
- Power Plants

Our FM approved butterfly valves are suitable for heavy duty applications such as Firewater systems with :

- Seawater
- Foam
- Chlorinated water
- Stagnant and aggressive water (high chance of corrosion)
- High flow velocity (up to 5 m/s is guaranteed) and vacuum proof
- Low operation frequency (reliable low torque due to bonded rubber lining and disc design)