



Material variations for multiple applications

Applications

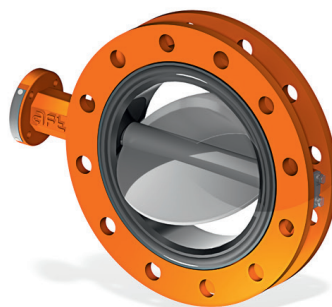


1. Soft sealing
2. Wafer version body (ECOV)
- 2.1. Double Flange version body (ECOV2)
- 2.2. LUG version body (ECOV3)
3. Bearing
4. *option third bearing
5. Bearing
6. Gasket and split collar
7. Bottom end-plate
8. Fasteners
9. Shaft connection
10. Main shaft with gaskets
11. Disc
12. Free-end shaft
13. Nameplate ID

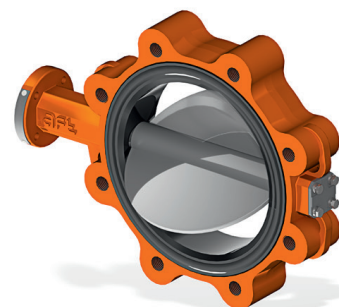
AFT-ECOV (Wafer - standard)



AFT-ECOV2 (U-section / Double Flange)



AFT-ECOV3 (LUG)



Technical description

ECOV valve soft seated butterfly valves are, as standard execution, centric valves with an elastomer liner. Other variations of bodies available are U-section / Double Flange or LUG.

All types of above body executions are designed to work with gaseous and liquid media, which have no negative impact on the material properties they are made from. ECOV valves are suitable for any industrial applications as well as for water treatment.

Product properties:

- range of diameters \varnothing : DN 20 – DN 1200 (other sizes on request)
- face to face dimension: acc. to EN 558 series 20, ISO 5752 series 20, BS5155 or API 609
- design in accordance with norm: EN 593, API 609 or MSS SP-67

Connection to duct/pipeline:

- acc. to DIN PN6/PN10/PN16/PN25
- acc. to ISO PN6/PN10/PN16/PN25
- acc. to ANSI B16.1
- acc. to ASME Class 150
- acc. to BS4504
- acc. to JIS B2212/2213
- acc. to BS10 Table D
- acc. to BS10 Table E
- other custom-made acc. to customer requirements (ANSI / GOST/ OTHER)

Design and working parameters:

- working pressure: 3/6/10/16 bar (max 25 bar on clients request)
- working temperature: -40°C to +200°C depending on working pressure, medium and material execution of valve

Actuator connection:

- according to ISO 5211
- custom-made acc. to customer requirements
- adapted to work with customer actuators or on site actuators

Features and advantages:

- 100% tight in both directions
- possible assembly on pipeline in any direction
- possible triple bearing support points of shaft
- maintenance free, all parts can be dismantled and easily replaced by new ones
- centering holes provide easy assembling on pipelines

Coating:

- Carbon steel elements: RAL 2008 as standard, PUR 100 μ m/250 μ m FBE painting
- Stainless steel elements: acid treatment and passivation
- other on request

Applicable directives:

- Declaration of Conformity in compliance with Machinery Directive
- Declaration of Conformity in compliance with EU Directive
- PED Directive

Tightness/design norms and class:

- Leak test acc. to EN 12266-1/P12 leakage rate A
- Leak test acc. to ISO 5208 – category 3
- Test and inspection acc. to API 598 – possible on clients request

