

**WAFER STEEL BUTTERFLY VALVE ANSI #150**

Material steel 1.0619; DIN GS-C25  
Pressure ANSI #150

**TECHNICAL DESCRIPTION**

Butterfly valve, soft sealing – Teflon PTFE / metal, double eccentric “High Performance” with one-piece spindle. Sealing element – PTFE. Top flange according to ISO 5211. Possible variants with stainless steel AISI 316 with/without API 607.

**WORKING FLUID / MEDIUM**

- Toxic and slightly corrosive fluids, fuels, lubricating oil and flammable hydraulic oils.
- Petrol, non-flammable hydraulic fluids, boiler feed water, condensate.
- Sea water.

**EXECUTION**

- Stainless steel AISI 316.
- PTFE gasket.
- Other materials on request.

**OPTIONS**

- Manual drive
- Gearbox drive
- Electric or pneumatic drive.

**Dimensions: DN 80 - 600**



| No. | DETAILS          | MATERIALS                             |                     |                                                   |
|-----|------------------|---------------------------------------|---------------------|---------------------------------------------------|
| 1   | Body             | steel 1.0619 (WCB)                    | Standard flanges    | ANSI #150                                         |
| 2   | Valve (disc)     | stainless steel 1.4301 (AISI304)      | Construction length | API 609                                           |
| 3   | Pin              | stainless steel 1.4401 (AISI316)      | Execution           | straight                                          |
| 4   | Gasket           | Teflon/PTFE                           | Joining             | interflange                                       |
| 5   | Spindle          | stainless steel 1.4301 (AISI304)      | Management          | manual with gearbox, electric and pneumatic drive |
| 6   | Oil seal         | Teflon/PTFE                           |                     |                                                   |
| 7   | Handle / reducer | malleable cast iron EN-JS1030 (GGG40) | Drive               | sector 90°                                        |
|     |                  |                                       | T max. [°C]         | PTFE sleeve +180 °C                               |

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| DN  | P        | L   | DE | ØD  | d   | ØDh   | ØxN      | ØD3xØxN        | QH | H   | H1  | H2  | Kg    |
|-----|----------|-----|----|-----|-----|-------|----------|----------------|----|-----|-----|-----|-------|
| 80  | ANSI 150 | 48  | 14 | 126 | 76  | 152.4 | 19.1x2   | 102x12x4 (F10) | 16 | 86  | 134 | 140 | 7.0   |
| 100 | ANSI 150 | 54  | 14 | 155 | 96  | 190.5 | 19.1x2   | 102x12x4 (F10) | 16 | 86  | 144 | 150 | 9.0   |
| 125 | ANSI 150 | 57  | 17 | 184 | 118 | 215.9 | 22.4x2   | 102x12x4 (F10) | 19 | 89  | 178 | 170 | 12.0  |
| 150 | ANSI 150 | 57  | 17 | 215 | 143 | 241.3 | 22.4x2   | 102x12x4 (F10) | 19 | 89  | 190 | 185 | 13.0  |
| 200 | ANSI 150 | 62  | 19 | 267 | 188 | 298.5 | 22.4x2   | 125x14x4 (F12) | 21 | 101 | 214 | 215 | 21.0  |
| 250 | ANSI 150 | 70  | 22 | 326 | 236 | 362   | 25.4x2   | 125x14x4 (F12) | 24 | 104 | 254 | 260 | 30.0  |
| 300 | ANSI 150 | 81  | 27 | 375 | 281 | 431.8 | 25.4x2   | 140x18x4 (F14) | 29 | 129 | 298 | 290 | 46.0  |
| 350 | ANSI 150 | 92  | 32 | 416 | 320 | 476.3 | 28.4x4   | 140x18x4 (F14) | 34 | 134 | 328 | 320 | 63.0  |
| 400 | ANSI 150 | 102 | 36 | 480 | 371 | 539.8 | 28.4x4   | 165x22x4 (F16) | 38 | 158 | 377 | 370 | 95.0  |
| 450 | ANSI 150 | 114 | 36 | 534 | 420 | 577.9 | 1 1/8"x4 | 165x22x4 (F16) | 38 | 158 | 402 | 395 | 125.0 |
| 500 | ANSI 150 | 127 | 46 | 588 | 469 | 635   | 1 1/8"x4 | 165x22x4 (F16) | 48 | 168 | 437 | 430 | 160.0 |
| 600 | ANSI 150 | 154 | 46 | 692 | 549 | 749.3 | 1 1/4"x4 | 254x18x8 (F25) | 48 | 198 | 492 | 480 | 265.0 |