

## Product description.

Flanged butterfly valve, concentric type used for closing or setting networks of potable or industrial water or other neutral liquids.

Working temperature from 0°C (no frost) to 80°C

## Standards.

- Designed according to EN593
- Face to face length according to EN558-1 series13
- Flanges connection according to EN1092-2

## Pressure tests.

All valves are individually hydrostatically tested according to BS EN12266-1

- Seal: 1,1 x PN (in bar)
- Body: 1,5 x PN (in bar)

## Corrosion protection.

- RAL 5005 epoxy powder painting
- Applied internally and externally with a minimum layer thickness of 250 µm

## Approvals.

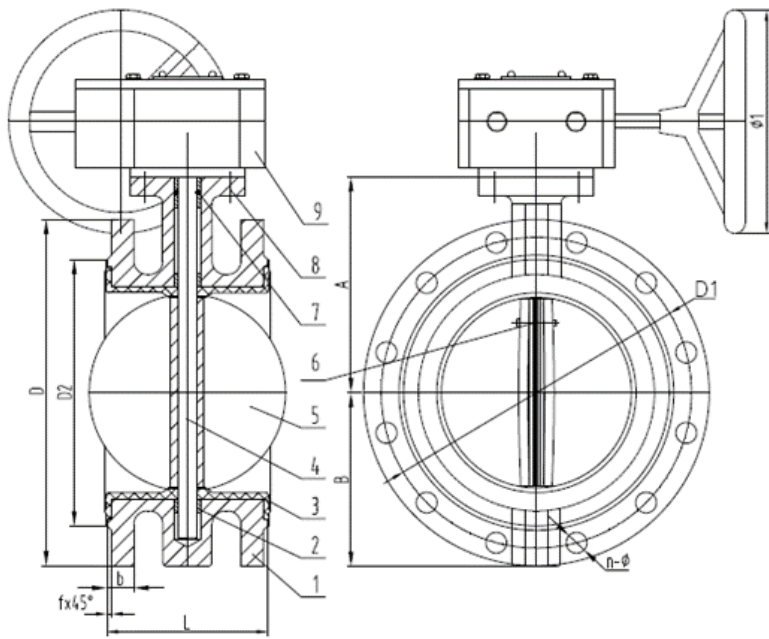
- Certificate PED 014/68/ UE No. 1282, risk category III/model H
- Certificate WRAS no. 2010376

## Characteristics.

1. Tightness in both ways due to soft seat.
2. Self-lubricated bearings.
3. Standard ISO5211 mounting pad.
4. Lever actuated up to DN200 and with gearbox from DN≥250
5. Applications: water networks, plants, pumping stations, etc.

**3.1****CE**

## DN 80 - DN 350

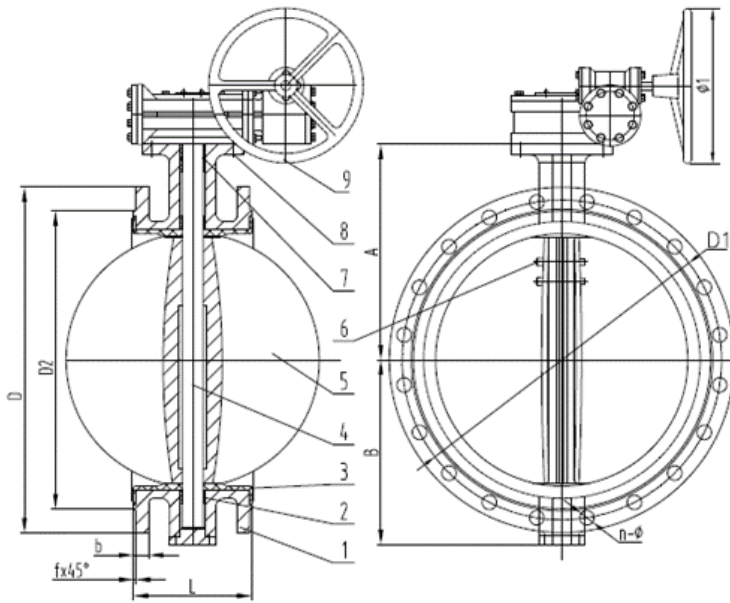


DN80-DN350

| No. | Parts     | Materials |
|-----|-----------|-----------|
| 1   | Body      | GGG50     |
| 2   | Bush      | Steel     |
| 3   | Seal      | EPDM      |
| 4   | Stem      | SS420     |
| 5   | Disc      | GGG50     |
| 6   | Taper Pin | SS420     |
| 7   | O-ring    | EPDM      |
| 8   | Bolts     | A2-70     |
| 9   | Gearbox   | GGG50     |

| DN  | A   | B   | L   | f | D   | D1  | D2  | n-φ   | b    | φ1  | ISO5210 | Torque (N.m) | Weight (kg) |
|-----|-----|-----|-----|---|-----|-----|-----|-------|------|-----|---------|--------------|-------------|
| 80  | 146 | 100 | 114 | 3 | 200 | 160 | 133 | 8-19  | 19   | 150 | F05     | 54           | 14.5        |
| 100 | 155 | 114 | 127 | 3 | 220 | 180 | 158 | 8-19  | 19   | 150 | F07     | 63           | 17.5        |
| 125 | 170 | 125 | 140 | 3 | 250 | 210 | 184 | 8-19  | 19   | 150 | F07     | 72           | 20.6        |
| 150 | 192 | 143 | 140 | 3 | 285 | 240 | 212 | 8-23  | 19   | 150 | F07     | 85           | 26          |
| 200 | 205 | 172 | 152 | 3 | 340 | 295 | 268 | 8-23  | 20   | 300 | F10     | 135          | 35          |
| 250 | 237 | 202 | 165 | 3 | 395 | 350 | 320 | 12-23 | 22   | 300 | F10     | 180          | 50          |
| 300 | 280 | 230 | 178 | 4 | 445 | 400 | 370 | 12-23 | 24.5 | 300 | F10     | 540          | 67          |
| 350 | 311 | 268 | 190 | 4 | 505 | 460 | 430 | 16-23 | 24.5 | 300 | F10     | 675          | 87          |

## DN 400 - DN 2000



DN400-DN1200

| No. | Parts     | Materials |
|-----|-----------|-----------|
| 1   | Body      | GGG50     |
| 2   | Bush      | Steel     |
| 3   | Seal      | EPDM      |
| 4   | Stem      | SS420     |
| 5   | Disc      | GGG50     |
| 6   | Taper Pin | SS420     |
| 7   | O-ring    | EPDM      |
| 8   | Bolts     | A2-70     |
| 9   | Gearbox   | GGG50     |

| DN   | A    | B    | L   | f | D    | D1   | D2   | n-φ   | b    | φ1  | ISO5210 | Torque (N.m) | Weight (kg) |
|------|------|------|-----|---|------|------|------|-------|------|-----|---------|--------------|-------------|
| 400  | 338  | 313  | 216 | 4 | 580  | 525  | 482  | 16-31 | 28   | 300 | F14     | 1400         | 131         |
| 450  | 377  | 350  | 222 | 4 | 640  | 585  | 548  | 20-31 | 30   | 300 | F14     | 1600         | 156         |
| 500  | 432  | 380  | 229 | 4 | 715  | 650  | 609  | 20-34 | 31.5 | 300 | F14     | 2000         | 190         |
| 600  | 501  | 450  | 267 | 5 | 840  | 770  | 720  | 20-37 | 36   | 400 | F16     | 2500         | 282         |
| 700  | 550  | 478  | 292 | 5 | 910  | 840  | 794  | 24-37 | 39.5 | 400 | F25     | 4000         | 384         |
| 800  | 622  | 562  | 318 | 5 | 1025 | 950  | 901  | 24-40 | 43   | 400 | F25     | 5000         | 472         |
| 900  | 660  | 584  | 330 | 5 | 1125 | 1050 | 1001 | 28-40 | 46.5 | 450 | F25     | 6000         | 656         |
| 1000 | 718  | 657  | 410 | 5 | 1255 | 1170 | 1112 | 28-43 | 50   | 450 | F25     | 11000        | 920         |
| 1200 | 916  | 825  | 470 | 5 | 1485 | 1390 | 1328 | 32-49 | 57   | 450 | F30     | 18000        | 1640        |
| 1400 | 1040 | 960  | 540 | 5 | 1685 | 1590 | 1538 | 36-49 | 60   | 500 | F35     | 40000        | 2520        |
| 1600 | 1150 | 1050 | 600 | 5 | 1930 | 1820 | 1750 | 40-56 | 65   | 500 | F40     | 50000        | 3450        |
| 1800 | 1200 | 1156 | 670 | 5 | 2130 | 2020 | 1950 | 44-56 | 70   | 600 | F48     | 60000        | 4410        |
| 2000 | 1363 | 1356 | 760 | 5 | 2345 | 2230 | 2150 | 48-62 | 75   | 600 | F48     | 80000        | 5420        |