

Butterfly Valve according to DIN EN 593



Resilient Seated
 Face to Face: DIN EN 558-1 Series 13
 Pressure Rating: PN 25
 Material of Construction: Ductile Cast Iron GGG 40/50

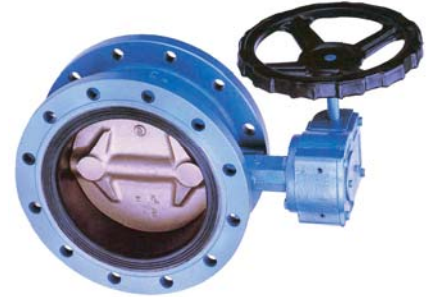
DN 50- DN 1800

Catalogue No: 06-2021325

| Range of application: Potable water | | | | |
|-------------------------------------|-----------------------|---------------------------|------|--|
| Size DN | Pressure rating PN | Hydrotest pressure in bar | | Admissible working pressure in bar up to 70°C |
| | | Body | Seat | |
| 80 - 1800 | 25 | 37.5 | 25 | 25 |

In case of order please specify the working conditions

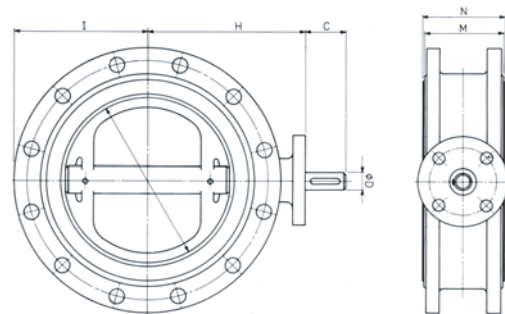
| Materials / Equipment | |
|-----------------------|---|
| Catalogue No. | 06-2021325 |
| Body | GGG 40/50 |
| Disc | Stainless steel acc. 1.4308 or 1.4408 |
| Seating in the body | NBR rubber / EPDM rubber |
| Shafts | Stainless steel acc. 1.4021, 1.4301 or 1.4571 |
| Bearing bushes | Bronze |
| Bearing covers | GGG 40/50 |
| O-rings | EPDM or NBR |
| Bolts and nuts | Stainless steel acc. 1.4301 or 1.4401 |
| Corrosion protection | Epoxy powder coated RAL 5015 thickness min. 300 microns |
| Gearbox | Wormgearbox |
| Handwheel | Steel, black coated |



| Size DN mm | Face to face length acc. to DIN EN 558-1 Series 13 M mm | Dimensions | | | | Weight ~ kg | Volume ~ m³ |
|------------------|--|------------|---------|---------|---------|----------------|----------------|
| | | D mm | I mm | H mm | C mm | | |
| 50 | 108 | 10 | 83 | 120 | 40 | 27 | 0.02 |
| 65 | 112 | 10 | 83 | 130 | 40 | 27 | 0.02 |
| 80 | 114 | 16 | 100 | 135 | 50 | 27 | 0.02 |
| 100 | 127 | 16 | 115 | 150 | 50 | 33 | 0.02 |
| 125 | 140 | 16 | 127 | 160 | 50 | 36 | 0.03 |
| 150 | 140 | 20 | 143 | 175 | 50 | 42 | 0.04 |
| 200 | 152 | 20 | 170 | 205 | 50 | 56 | 0.05 |
| 250 | 165 | 25 | 204 | 245 | 60 | 79 | 0.10 |
| 300 | 178 | 25 | 242 | 285 | 60 | 104 | 0.14 |
| 350 | 190 | 30 | 268 | 310 | 80 | 142 | 0.22 |
| 400 | 216 | 35 | 299 | 340 | 80 | 194 | 0.30 |
| 450 | 222 | 40 | 365 | 395 | 90 | 244 | 0.36 |
| 500 | 229 | 45 | 370 | 430 | 90 | 299 | 0.48 |
| 600 | 267 | 55 | 425 | 500 | 110 | 360 | 0.58 |
| 700 | 292 | 70 | 495 | 550 | 110 | 790 | 0.72 |
| 800 | 318 | 80 | 550 | 620 | 120 | 1,050 | 0.85 |
| 900 | 330 | 90 | 625 | 675 | 120 | 1,520 | 1.35 |
| 1000 | 410 | 90 | 680 | 740 | 120 | 1,820 | 1.55 |
| 1100 | 410 | 100 | 765 | 770 | 300 | 2,550 | 1.75 |
| 1200 | 470 | 110 | 810 | 875 | 300 | 2,890 | 2.35 |
| 1400 | 530 | 115 | 910 | 950 | 325 | 3,920 | 3.25 |
| 1500 | 530 | 140 | 960 | 1015 | 325 | 5,350 | 3.95 |
| 1600 | 600 | 145 | 1010 | 1030 | 325 | 6,410 | 4.60 |
| 1800 | 670 | 170 | 1120 | 1200 | 325 | 7,050 | 6.10 |

We reserve the right to make technical modifications

Flanges flat faced



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