# Vexve shut-off butterfly valve

Series BFSW1, welding / welding, EN (DIN), full bore, DN 300-800, PN 16





DN 300-800

## Materials

| | |
|---|---|
| **Body** | DN 300-500: Steel, P235GH (1.0345) |
| | DN 600-800: Steel, P355 NL1 (1.0566) |
| **Disc** | DN 300-800: Stainless steel, GX5CrNiMo19-11-2 (1.4408) |
| **Seat** | DN 300-800: 1.4542 + HCr plating |
| **Stem** | DN 300-800: Stainless steel, X3CrNiMoN27-5-2 (1.4460) |
| **Stem seal** | DN 300-800: FPM |
| **Bearing** | DN 300-800: PTFE + AISI 316 net |

## Mounting

welding / welding, EN (DIN)

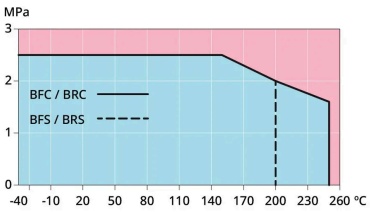
## Operation

| | |
|---|---|
| **DN 300-800** | manual gear |

## Operating conditions

| | |
|---|---|
| **Body** | PN 25 |
| **Trim** | 16 bar |
| **Temperature** | -40 °C - +200 °C |
| **Leakage rate** | A (EN 12266-1) |

Below 0 °C contact manufacturer. Lowest allowed ambient temperature -40 °C.




DN 300-800



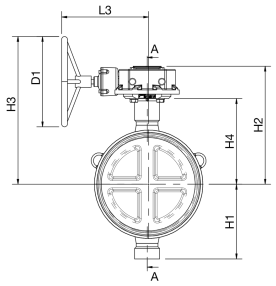
5.10.2026 - All data subject to change

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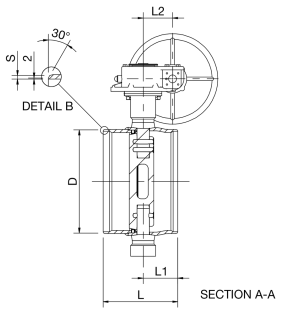
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**DN 300-800**




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## Dimensions

| DN | PN | Product no. | D | D1 | H1 | H2 | H3 | H4 | L | L1 | L2 | L3 | S | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | 16 | BFS300W1 | 323.9 | 400 | 247.0 | 432 | 583 | 315 | 270 | 110.0 | 105 | 331 | 5.6 | 80 |
| 350 | 16 | BFS350W1 | 355.6 | 400 | 255.0 | 443 | 593 | 325 | 290 | 134.0 | 105 | 331 | 5.6 | 94 |
| 400 | 16 | BFS400W1 | 406.4 | 500 | 285.0 | 490 | 672 | 347 | 310 | 157.0 | 130 | 393 | 6.3 | 118 |
| 450 | 16 | BFS450W1 | 457.0 | 400 | 330.0 | 522 | 654 | 379 | 330 | 153.0 | 130 | 386 | 6.3 | 172 |
| 500 | 16 | BFS500W1 | 508.0 | 400 | 360.0 | 551 | 683 | 408 | 350 | 153.0 | 130 | 386 | 6.3 | 196 |
| 600 | 16 | BFS600W1 | 610.0 | 500 | 440.0 | 628 | 787 | 450 | 390 | 184.0 | 140 | 419 | 7.1 | 317 |
| 700 | 16 | BFS700W1 | 711.0 | 400 | 495.0 | 684 | 784 | 501 | 430 | 203.0 | 182 | 441 | 8.0 | 446 |
| 800 | 16 | BFS800W1 | 813.0 | 500 | 581.0 | 791 | 948 | 573 | 470 | 226.0 | 209 | 483 | 8.8 | 770 |



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