

Double Flanges Type Butterfly Valve

Fig. 3226

Specification

Design in accordance with GB/T 12238,EN593,ISO5211
 Flanges comply with EN1092-2,ISO 7005,GB/T 9119
 Pressure test according to standards GB/T13927

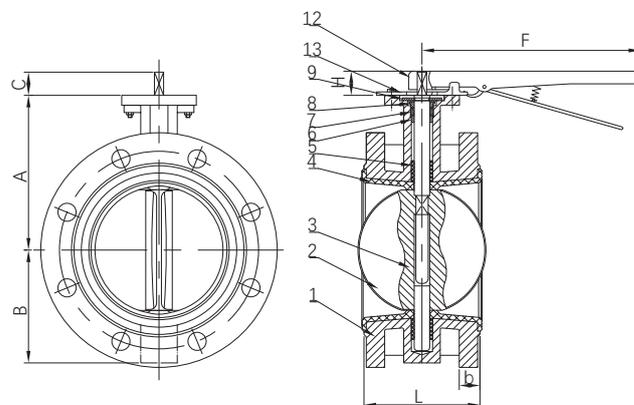
Technical data

Working Pressure:16bar
 (For other specifications, please consult)
 Dimensions: DN50~DN1400
 (For other specifications, please consult)
 Test Pressure:Shell:24bar
 Seal:17.6bar
 Working Temperature:-20℃~120℃ EPDM Seat
 -10℃~80℃ NBR Seat

Product Features

- Valve fully sealed in Bi-directional-EN 12266 (Class A) air-tight class;
- Valve plate finishing spherical sealing surface, low torque, long service life;
- Three self-lubricating bushings on the stem to prevent stem deflection;
- May be installed in any direction;
- Can be installed with single flange;
- Maintenance free.

Schematic



Dimensions

| DN | mm | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
|----|------|-----|-------|-----|-----|-----|-----|-----|-----|-----|
| | inch | 2 | 2-1/2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 |
| A | | 139 | 146 | 150 | 177 | 177 | 198 | 230 | 266 | 300 |
| B | | 80 | 89 | 95 | 114 | 125 | 139 | 170 | 198 | 224 |
| L | | 108 | 112 | 114 | 127 | 140 | 140 | 152 | 165 | 178 |
| F | | 260 | 260 | 260 | 260 | 260 | 260 | 355 | 355 | 505 |
| H | | 28 | 28 | 28 | 28 | 28 | 28 | 38 | 38 | 40 |

WARCO reserves the right to change dimensions without notice.

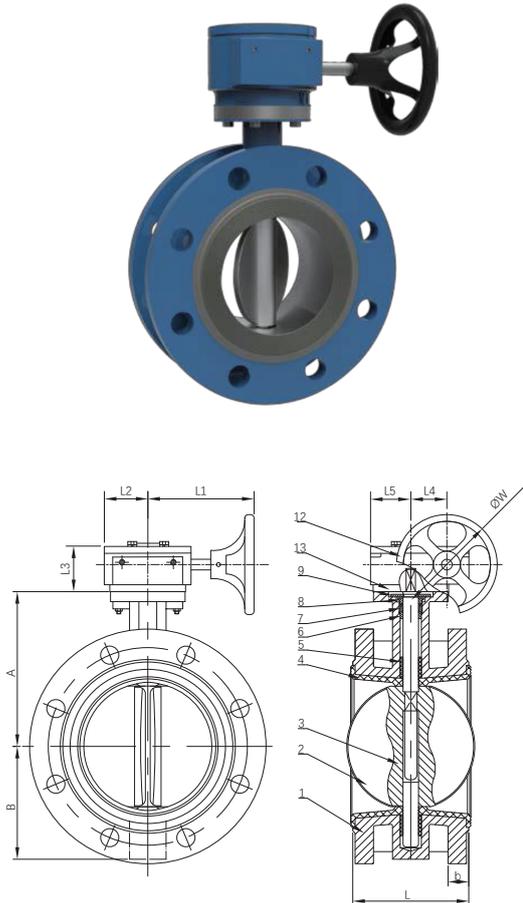
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Material Specifications

| Part Name | Materials | Specification |
|--------------|---|----------------|
| Body | Ductile Iron | EN-JS 1050 |
| Stem | Stainless Steel | BS970 410 S 21 |
| | Stainless Steel | BS970 431 S 29 |
| Seat | EPDM/NBR | |
| | Viton/PTFE | |
| Bushing | PTFE | |
| | Bronze | EN 1982 CC491K |
| O-Ring | EPDM / NBR | |
| Disc | Ductile Iron | EN-JS 1050 |
| | Bronze | EN 1982 CC491K |
| | Stainless Steel | BS970 304 S15 |
| | Stainless Steel | BS970 316 S16 |
| Drive unit | Aluminium Malleable Iron, Cast Iron | |
| Disc Coating | Epoxy / Nylon / hala | |
| | Nickel Plating | |

Schematic

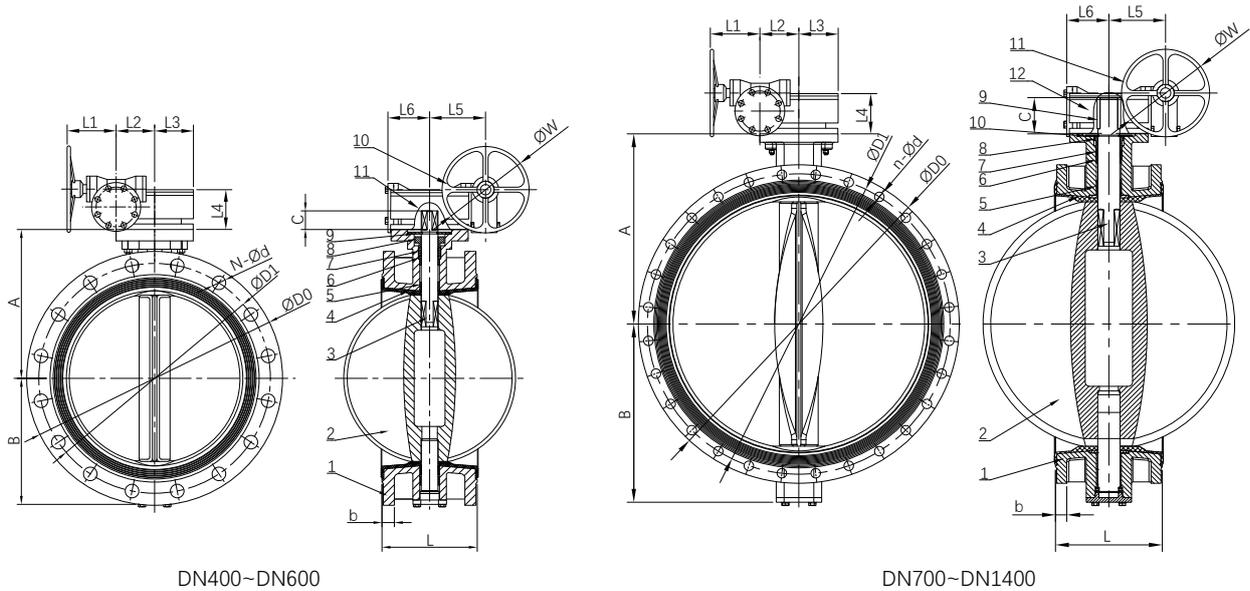


Dimensions

| DN | mm | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 |
|----|------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|
| | inch | 2 | 2-1/2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 |
| A | | 139 | 146 | 150 | 177 | 177 | 198 | 230 | 266 | 300 | 310 |
| B | | 80 | 89 | 95 | 114 | 125 | 139 | 170 | 198 | 224 | 254 |
| L | | 108 | 112 | 114 | 127 | 140 | 140 | 152 | 165 | 178 | 190 |
| L1 | | 152 | 152 | 152 | 152 | 152 | 152 | 250 | 250 | 227 | 227 |
| L2 | | 52 | 52 | 52 | 52 | 52 | 52 | 75 | 75 | 81 | 81 |
| L3 | | 75 | 75 | 75 | 75 | 75 | 75 | 86 | 86 | 83 | 83 |
| L4 | | 45 | 45 | 45 | 45 | 45 | 45 | 63 | 63 | 81 | 81 |
| L5 | | 52 | 52 | 52 | 52 | 52 | 52 | 75 | 75 | 81 | 81 |
| ØW | | 145 | 145 | 145 | 145 | 145 | 180 | 278 | 278 | 278 | 278 |

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Product Drawing



Dimensions

| DN | mm | 400 | 450 | 500 | 600 | 700 | 750 | 800 | 900 | 1000 | 1200 | 1400 |
|----|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | inch | 16 | 18 | 20 | 24 | 28 | 30 | 32 | 36 | 40 | 48 | 56 |
| A | | 340 | 375 | 430 | 500 | 560 | 610 | 620 | 685 | 735 | 917 | 1005 |
| B | | 282 | 315 | 348 | 410 | 500 | 510 | 550 | 625 | 690 | 800 | 980 |
| L | | 216 | 222 | 229 | 267 | 292 | 308 | 318 | 330 | 410 | 470 | 530 |
| L1 | | 160 | 160 | 160 | 176 | 215 | 215 | 215 | 215 | 215 | 240 | 240 |
| L2 | | 94 | 94 | 94 | 125 | 140 | 140 | 140 | 163 | 163 | 236 | 236 |
| L3 | | 104 | 104 | 104 | 131 | 146 | 146 | 146 | 170 | 170 | 180 | 180 |
| L4 | | 110 | 110 | 110 | 128 | 157 | 157 | 157 | 170 | 170 | 209 | 209 |
| L5 | | 181 | 181 | 181 | 200 | 228 | 228 | 228 | 243 | 243 | 302 | 302 |
| L6 | | 104 | 104 | 104 | 131 | 146 | 146 | 146 | 170 | 170 | 250 | 250 |
| ØW | | 290 | 290 | 290 | 385 | 385 | 385 | 385 | 385 | 385 | 450 | 450 |

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