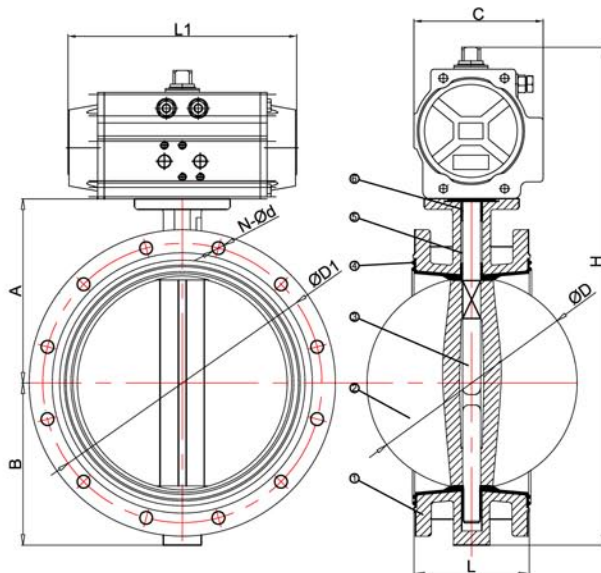


| Size |     | CLASS150 |          | JIS 10K |        | PN10 |        | PN16 |        | A   | B   | L   | ΦD    | DOUBLE ACTING |       |       |           |
|------|-----|----------|----------|---------|--------|------|--------|------|--------|-----|-----|-----|-------|---------------|-------|-------|-----------|
| DN   | NPS | D1       | N-Φd     | D1      | N-Φd   | D1   | N-Φd1  | D1   | N-Φd1  |     |     |     |       | H             | L1    | C     | WT<br>300 |
| 50   | 2"  | 120.6    | 4-Φ19.1  | 120     | 4-Φ19  | 125  | 4-Φ19  | 125  | 4-Φ19  | 118 | 75  | 108 | 52.9  | 282.5         | 139.5 | 71    | 6.9       |
| 65   | 2½" | 139.7    | 4-Φ19.1  | 140     | 4-Φ19  | 145  | 4-Φ19  | 145  | 4-Φ19  | 130 | 93  | 112 | 64.5  | 323.5         | 162   | 80.5  | 11.2      |
| 80   | 3"  | 152.4    | 4-Φ19.1  | 150     | 8-Φ19  | 160  | 8-Φ19  | 160  | 8-Φ19  | 145 | 100 | 114 | 78.8  | 345.5         | 162   | 80.5  | 11.6      |
| 100  | 4"  | 190.5    | 8-Φ19.1  | 175     | 8-Φ19  | 180  | 8-Φ19  | 180  | 8-Φ19  | 155 | 114 | 127 | 104   | 386           | 207   | 95    | 14.8      |
| 125  | 5"  | 215.9    | 8-Φ22.5  | 210     | 8-Φ23  | 210  | 8-Φ23  | 210  | 8-Φ19  | 170 | 125 | 140 | 123.3 | 423.5         | 237.5 | 106   | 20.6      |
| 150  | 6"  | 241.3    | 8-Φ22.5  | 240     | 8-Φ23  | 240  | 8-Φ23  | 240  | 8-Φ23  | 190 | 143 | 140 | 155.1 | 474.5         | 271.5 | 123   | 24.5      |
| 200  | 8"  | 298.5    | 8-Φ22.5  | 290     | 12-Φ23 | 295  | 8-Φ23  | 295  | 12-Φ23 | 205 | 170 | 152 | 202.5 | 546.5         | 328   | 137   | 36        |
| 250  | 10" | 361.9    | 12-Φ25.5 | 355     | 12-Φ25 | 350  | 12-Φ23 | 355  | 12-Φ28 | 235 | 198 | 165 | 250.5 | 616.5         | 366   | 148   | 51.3      |
| 300  | 12" | 431.8    | 12-Φ25.5 | 400     | 16-Φ25 | 400  | 12-Φ23 | 410  | 12-Φ28 | 280 | 223 | 178 | 301.5 | 709           | 428   | 164   | 71.8      |
| 350  | 14" | 476.5    | 12-Φ28.5 | 445     | 16-Φ25 | 460  | 16-Φ23 | 470  | 16-Φ28 | 328 | 250 | 190 | 333.3 | 800           | 430   | 186.5 | 102       |
| 400  | 16" | 540.0    | 16-Φ28.5 | 510     | 16-Φ27 | 515  | 16-Φ28 | 525  | 16-Φ31 | 376 | 310 | 216 | 389.6 | 937           | 482   | 204   | 128.8     |
| 450  | 18" | 578.0    | 16-Φ32   | 565     | 20-Φ27 | 565  | 20-Φ28 | 585  | 20-Φ31 | 407 | 332 | 222 | 440.5 | 1013          | 532   | 224   | 171.7     |



# APPLICABLE STANDARDS & TECHNICAL NOTES:

|                 |            |                       |     |      |
|-----------------|------------|-----------------------|-----|------|
| DESIGN CODM     |            | API609                |     |      |
| INSPECTION&TEST |            | API598                |     |      |
| END STANDARD    |            | ANSI 150#/JIS10K      |     |      |
| FACE TO FACE    |            | API609                |     |      |
| 6               | O-RING     | NBR                   | 1   |      |
| 5               | BUSHING    | PTFE                  | 4   |      |
| 4               | SEAT       | NBR/EPDM/PTFE/VITON   | 1   |      |
| 3               | SHAFT      | SS410                 | 1   |      |
| 2               | DISC       | WCB/DI+NYLON/CF8/CF8M | 1   |      |
| 1               | BODY       | DI/WCB/CF8/CF8M       | 1   |      |
| NO.             | PARTS NAME | MATERIAL              | QTY | NOTE |

## TEST PRESSURE

|             |                          |                            |
|-------------|--------------------------|----------------------------|
|             | SHELL                    | SEAL                       |
| HYDROSTATIC | 24/15 kg/cm <sup>2</sup> | 17.6/11 kg/cm <sup>2</sup> |
| AIR         | /                        | /                          |

TITLE:PNEUMATIC FLANGE BUTTERFLY VALVE  
DN50-DN450

|                       |          |         |       |          |
|-----------------------|----------|---------|-------|----------|
| DWG NO:FT0114000002-1 |          |         |       |          |
| 1                     | 2006.2.1 | ZhuHui  | Brian | Sky Tang |
| REV                   | Date     | DRN     | CHK   | APRV     |
| SCALE                 |          | UNIT mm |       |          |

