

## JIS Flanged Butterfly Valve

### JIS Valve

Size Range: 2"-44"/DN50-DN1200

Pressure: 5K/10K/150LB

Body Materials: CI/DI/WCB/CF3/ CF3M/CF8/ CF8M

Seat Materials: NBR/EPDM/PTFE/SI

Disc Materials: DI/WCB/CF3/ CF3M/CF8/CF8M/ C954

Stem Materials: 45#/410/ 2Cr13/Cr13/304/316stainless steel

#### Features:

Worm gear operated flange butterfly valve:

Single Eccentric Disc-Shaft

Anti-Blow Out Stem

Bi-Directional

Fire safe Design

Low Friction Body Seat

Zero Leakage

#### Adoptive Standards:

Worm gear operated flange butterfly valve:

Valve Design: API 609, MSS SP-67

Face To Face: API 609, MSS SP-67, DIN3202, BS EN558-1

Pressure Test: API 598

Flange Drilling: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16

Top Flange: ISO5211

#### Product Advantage:

1.The valve body and disc are all adopted QT450-10 material, the ball rate is above grade 3, the mechanical performance is fully up to standard, the tensile strength is 450Mpa, and the elongation rate is more than 10%. It is not easy to crack or freeze.

2.The valve body is solid body, the same caliber weight is heavier than other manufacturers.

3.Seat uses standard EPDM rubber, making the butterfly valve's resilience and tension super stable and reliable, opening and closing more than 10,000 times without leakage.

4.The valve body uses an electrostatic powder thermal spraying process with a spray thickness of 250μm. The valve body is heated at 200°C for 3 hours, and the powder is cured at 180°C for 2 hours. After natural cooling, the surface adhesion is increased by 2 times than that of the ordinary powder, making it more environmentally friendly and weatherproof. Higher, to ensure that the valve body is not discolored for 36 months.

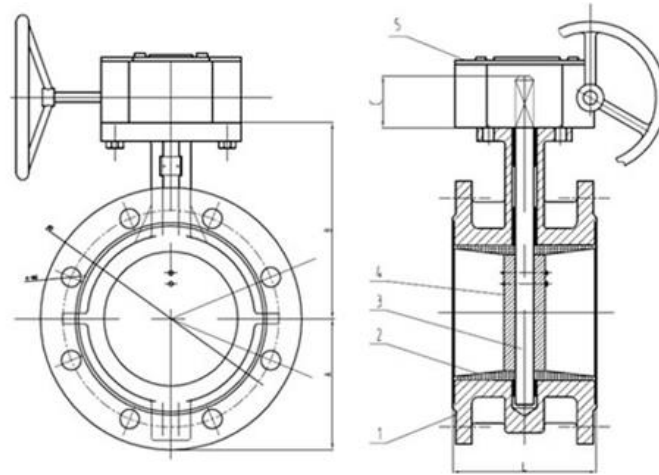
5.Introducing the PE heat-shrinking plastic packaging technology of electronic products. Each of the products of wesdom is individually wrapped with a heat-shrinkable film and has a built-in desiccant. The air dust is isolated to facilitate storage and avoid corrosion caused by moisture.

6.Every wesdom product has its own two-dimensional code identification from the accessories to the finished product, the unique ID number, to ensure that the product can be traced.

7.The wesdom intelligent detection equipment integrates standard data measurement and pressure detection. Each inspection report is automatically generated. Each data and report is saved for 5 years, ensuring that the factory qualification rate reaches 100%.

8.wesdom brand products are underwritten by Pacific Insurance Company with 10 million quality. The warranty is 2 years. Pay two back if one bad within two years. The quality of the product is unconditional.

## PARAMETERS



| SIZE |        | A    | B   | C   | L   | ANSI 150B |          | DIN PN 10 |        | DIN PN 16 |        | JIS 10K |        | Top Flange |     |       |
|------|--------|------|-----|-----|-----|-----------|----------|-----------|--------|-----------|--------|---------|--------|------------|-----|-------|
| mm   | in     |      |     |     |     | øK        | N-ød     | øK        | N-ød   | øK        | N-ød   | øK      | N-ød   | øD         | øD1 | N-øG  |
| 65   | 2 1/2" | 72   | 136 | 32  | 112 | 139.7     | 4-ø19    | 145       | 4-ø18  | 145       | 4-ø18  | 140     | 4-ø19  | 77         | 57  | 4-ø7  |
| 80   | 3"     | 88   | 146 | 32  | 114 | 152.4     | 4-ø19    | 160       | 8-ø18  | 160       | 8-ø18  | 150     | 8-ø19  | 65         | 50  | 4-ø7  |
| 100  | 4"     | 96.5 | 158 | 32  | 127 | 190.5     | 4-ø19    | 180       | 8-ø18  | 180       | 8-ø18  | 175     | 8-ø19  | 90         | 70  | 4-ø10 |
| 125  | 5"     | 115  | 179 | 32  | 140 | 215.9     | 8-ø19    | 210       | 8-ø18  | 210       | 8-ø18  | 210     | 8-ø23  | 90         | 70  | 4-ø10 |
| 150  | 6"     | 126  | 197 | 32  | 140 | 241.3     | 8-ø22.4  | 240       | 8-ø22  | 240       | 8-ø22  | 240     | 8-ø23  | 90         | 70  | 4-ø10 |
| 200  | 8"     | 161  | 230 | 45  | 152 | 298.4     | 8-ø22.4  | 295       | 8-ø22  | 295       | 12-ø22 | 290     | 12-ø23 | 115        | 89  | 4-ø14 |
| 250  | 10"    | 199  | 271 | 45  | 165 | 361.9     | 12-ø25.4 | 350       | 12-ø22 | 355       | 12-ø26 | 355     | 12-ø25 | 115        | 89  | 4-ø14 |
| 300  | 12"    | 215  | 305 | 45  | 178 | 431.8     | 12-ø25.4 | 400       | 12-ø22 | 410       | 12-ø26 | 400     | 16-ø25 | 140        | 108 | 4-ø14 |
| 350  | 14"    | 261  | 350 | 45  | 190 | 476.2     | 12-ø28.4 | 460       | 16-ø22 | 470       | 16-ø26 | 445     | 16-ø25 | 140        | 108 | 4-ø14 |
| 400  | 16"    | 290  | 381 | 51  | 216 | 539.7     | 16-ø28.4 | 515       | 16-ø26 | 525       | 16-ø30 | 510     | 16-ø27 | 197        | 159 | 4-ø21 |
| 450  | 18"    | 307  | 392 | 51  | 222 | 577.8     | 16-ø31.8 | 565       | 20-ø26 | 585       | 20-ø30 | 565     | 20-ø27 | 197        | 159 | 4-ø21 |
| 500  | 20"    | 340  | 441 | 57  | 229 | 635       | 20-ø31.8 | 620       | 20-ø26 | 650       | 20-ø33 | 620     | 20-ø27 | 197        | 159 | 4-ø21 |
| 600  | 24"    | 396  | 500 | 70  | 267 | 749.3     | 20-ø35.1 | 725       | 20-ø30 | 770       | 20-ø36 | 730     | 24-ø33 | 276        | 216 | 4-ø22 |
| 700  | 28"    | 496  | 567 | 66  | 292 | 863.6     | 28-ø35.1 | 840       | 24-ø30 | 840       | 24-ø36 | 840     | 24-ø33 | 300        | 254 | 8-ø18 |
| 800  | 32"    | 543  | 641 | 66  | 318 | 977.9     | 28-ø41.1 | 950       | 24-ø33 | 950       | 24-ø39 | 950     | 28-ø33 | 300        | 254 | 8-ø18 |
| 900  | 36"    | 584  | 692 | 118 | 330 | 1085.8    | 32-ø41.1 | 1050      | 28-ø33 | 1050      | 28-ø33 | 1050    | 28-ø33 | 300        | 254 | 8-ø18 |
| 1000 | 40"    | 638  | 735 | 142 | 410 | 1200.2    | 38-ø41.1 | 1160      | 28-ø36 | 1170      | 28-ø42 | 1270    | 28-ø39 | 300        | 254 | 8-ø18 |
| 1200 | 48"    | 763  | 917 | 150 | 470 | 1422.4    | 44-ø41.1 | 1380      | 32-ø39 | 1390      | 32-ø48 | 1380    | 32-ø39 | 350        | 298 | 8-ø22 |





