



|   |           |                     |   |                     |
|---|-----------|---------------------|---|---------------------|
| 7 | O-RING    | EPDM                | 1 |                     |
| 6 | BUSHING   | PTFE                | 4 |                     |
| 5 | TAPER PIN | SS316               | 2 | DN50-DN125 ONLY ONE |
| 4 | STEM      | SS410/              | 1 |                     |
| 3 | SEAT      | NBR/EPDM/PTFE/VITON | 1 |                     |
| 2 | DISC      | CF8M                | 1 |                     |
| 1 | BODY      | Cast Iron A216      | 1 |                     |

| NO. | PARTS NAME | MATERIAL | QTY |
|-----|------------|----------|-----|
|-----|------------|----------|-----|

|               |             |                  |                 |
|---------------|-------------|------------------|-----------------|
| TEST PRESSURE | HYDROSTATIC | SHELL<br>2.4 MPa | SEAL<br>1.6 MPa |
|               | AIR         |                  |                 |

|           |                   |                    |
|-----------|-------------------|--------------------|
| STAND-ARD | DESIGN CODE       | API 609            |
|           | INSPECTION & TEST | API 598            |
|           | END STANDARD      | DIN PN10/PN16/ANSI |
|           | FACE TO FACE      | API 609            |

**TITLE : WAFER BUTTERFLY VALVE**

|          |    |                       |     |
|----------|----|-----------------------|-----|
| APPROVED | 丁建 | DWG NO. 50-600D71X-00 | REV |
|----------|----|-----------------------|-----|

|         |   |  |  |
|---------|---|--|--|
| CHECKED | 程 |  |  |
| DRAWN   | 李 |  |  |

|          |    |       |      |    |
|----------|----|-------|------|----|
| DESIGNED | 王明 | SCALE | UNIT | mm |
|----------|----|-------|------|----|

|           |  |  |  |  |
|-----------|--|--|--|--|
| SIGNATURE |  |  |  |  |
|-----------|--|--|--|--|

| SIZE |      |     |     |    | DIN PN10 |       | DIN PN16 |       | ANSI B16.1 |       |       |       |       |       |       |       |
|------|------|-----|-----|----|----------|-------|----------|-------|------------|-------|-------|-------|-------|-------|-------|-------|
| DN   | Inch | HA  | HB  | HC | L        | phi A | phi C    | n-phi | phi C      | n-phi | phi C | n-phi | phi D | phi E | phi F | phi M |
| 50   | 2"   | 66  | 130 | 30 | 45       | 12.7  | 125      | 4-18  | 125        | 4-18  | 120.5 | 4-19  | 65    | 50    | 7     | 9     |
| 65   | 2.5" | 75  | 140 | 30 | 48       | 12.7  | 145      |       | 145        |       | 139.5 |       |       |       |       |       |
| 80   | 3"   | 95  | 150 | 30 | 49       | 12.7  | 160      | 4-18  | 160        | 8-18  | 152.5 | 8-19  | 90    | 70    | 9     | 11    |
| 100  | 4"   | 107 | 170 | 30 | 55       | 15.8  | 180      | 8-18  | 180        | 8-18  | 190.5 |       |       |       |       |       |
| 125  | 5"   | 122 | 185 | 30 | 58       | 19.05 | 210      |       | 8-23       |       | 240   | 8-23  | 241.5 | 8-22  | 14    |       |
| 150  | 6"   | 134 | 205 | 30 | 59       | 19.05 | 240      | 8-23  | 295        | 12-23 | 298.5 | 12-25 | 125   | 102   | 11    | 17    |
| 200  | 8"   | 168 | 235 | 36 | 64       | 22.2  | 295      | 8-23  | 295        | 12-23 | 298.5 |       |       |       |       |       |
| 250  | 10"  | 200 | 270 | 36 | 70       | 28.6  | 350      | 12-23 | 355        | 12-27 | 362   | 12-29 | 175   | 140   | 18    | 22    |
| 300  | 12"  | 237 | 305 | 36 | 80       | 31.8  | 400      |       | 410        |       | 410   |       |       |       |       |       |
| 350  | 14"  | 262 | 330 | 36 | 80       | 31.8  | 460      | 16-23 | 470        | 16-27 | 476   | 16-29 | 27    |       |       |       |
| 400  | 16"  | 300 | 360 | 51 | 90       | 33.3  | 515      | 16-27 | 525        | 16-30 | 539.5 | 16-32 | 27    |       |       |       |
| 450  | 18"  | 350 | 395 | 51 | 109      | 38    | 565      | 20-27 | 585        | 20-30 | 578   | 20-32 | 210   | 165   | 22    | 27    |
| 500  | 20"  | 375 | 440 | 64 | 135      | 41.15 | 620      |       | 650        |       | 650   |       |       |       |       |       |
| 600  | 24"  | 435 | 500 | 71 | 156      | 50.65 | 725      | 20-30 | 770        | 20-36 | 749.5 | 20-35 | 27    | 36    |       |       |