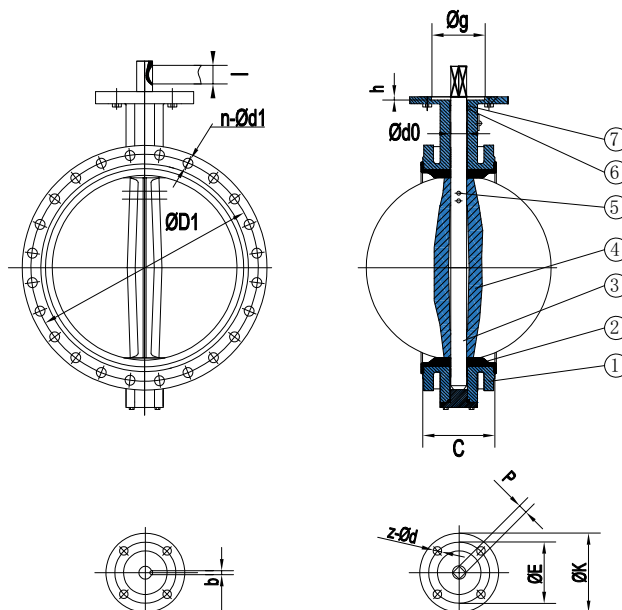


**Model: VMI(BC/BD/BS)F16**  
**Flange Butterfly Valve**



- **Type:**  
Flange
- **Face to Face:**  
API609, BS5155, DIN3202, ISO5752
- **Flange:**  
DIN, BS, UNI, ISO, ANSI, AS, JIS
- **Mounting Flange:**  
ISO5211
- **Working Pressure:**  
PN16(200PSI)
- **Application:**  
HVAC, Water Supply & Sewage,  
Food & Beverage, Chemical/  
petrochemical/processing,  
Power and Utilities, Paper  
and Pulp, Ship Building.

**STANDARD MATERIALS OF MAIN PARTS**

| ITEM | PART NAME | MATERIAL                    |
|------|-----------|-----------------------------|
| 1    | Body      | CI/DI/CS/SS                 |
| 2    | Seat      | EPDM/PTFE/VITON/NBR/Hypalon |
| 3    | Shaft     | SS416/316/304               |
| 4    | Disc      | CF8/CF8M/DI+Ni              |
| 5    | Pin       | SS304/SS316                 |
| 6    | Bushing   | PTFE/Bronze                 |
| 7    | O Ring    | NBR/EPDM                    |

**DIMENSIONS:(mm)**

| SIZE |      | C   | d0    | K   | E   | z-d  | g   | h   | P  | bXl      | PN16 |       | PN10 |       | ANSI 150 |       | JIS 10K |       |
|------|------|-----|-------|-----|-----|------|-----|-----|----|----------|------|-------|------|-------|----------|-------|---------|-------|
| in   | DN   |     |       |     |     |      |     |     |    |          | D1   | n-Ød1 | D1   | n-Ød1 | D1       | n-Ød1 | D1      | n-Ød1 |
| 2    | 50   | 108 | 12.6  | 77  | 50  | 4-7  | 35  | 3   | 9  | 3X16     | 125  | 4-18  | 125  | 4-18  | 120.5    | 4-19  | 120     | 4-19  |
| 2.5  | 65   | 112 | 12.6  | 77  | 50  | 4-7  | 35  | 3   | 9  | 3X16     | 145  | 4-18  | 145  | 4-18  | 139.5    | 4-19  | 140     | 4-19  |
| 3    | 80   | 114 | 12.6  | 77  | 50  | 4-7  | 35  | 3   | 9  | 3X16     | 160  | 8-18  | 160  | 8-18  | 152.5    | 4-19  | 150     | 4-19  |
| 4    | 100  | 127 | 15.77 | 90  | 70  | 4-9  | 55  | 3   | 11 | 5X19     | 180  | 8-18  | 180  | 8-18  | 190.5    | 8-19  | 175     | 8-19  |
| 5    | 125  | 140 | 18.92 | 90  | 70  | 4-9  | 55  | 3   | 14 | 5X19     | 210  | 8-18  | 210  | 8-18  | 216      | 8-22  | 210     | 8-23  |
| 6    | 150  | 140 | 18.92 | 90  | 70  | 4-9  | 55  | 3   | 14 | 5X19     | 240  | 8-23  | 240  | 8-23  | 241.5    | 8-22  | 240     | 8-23  |
| 8    | 200  | 152 | 22.1  | 125 | 102 | 4-12 | 70  | 3.5 | 17 | 5X19     | 295  | 12-23 | 295  | 8-23  | 298.5    | 8-22  | 290     | 12-23 |
| 10   | 250  | 165 | 28.45 | 125 | 102 | 4-12 | 70  | 3.5 | 22 | 8X28     | 355  | 12-27 | 350  | 12-23 | 362      | 12-25 | 355     | 12-25 |
| 12   | 300  | 178 | 31.6  | 125 | 102 | 4-12 | 70  | 3.5 | 22 | 8X28     | 410  | 12-27 | 400  | 12-23 | 432      | 12-25 | 400     | 16-25 |
| 14   | 350  | 190 | 31.6  | 125 | 102 | 4-12 | 70  | 3.5 | 22 | 8X28     | 470  | 16-27 | 460  | 16-23 | 476      | 12-29 | 445     | 16-25 |
| 16   | 400  | 216 | 33.15 | 175 | 140 | 4-18 | 100 | 4   | 24 | 10X50    | 525  | 16-30 | 515  | 16-27 | 540      | 16-29 | 510     | 16-27 |
| 18   | 450  | 222 | 38    | 175 | 140 | 4-18 | 100 | 4   | 27 | 10X50    | 585  | 20-30 | 565  | 20-27 | 578      | 16-32 | 565     | 20-27 |
| 20   | 500  | 229 | 41.15 | 175 | 140 | 4-18 | 100 | 4   | 32 | 10X50    | 650  | 20-33 | 620  | 20-27 | 635      | 20-32 | 620     | 20-27 |
| 24   | 600  | 267 | 50.65 | 210 | 165 | 4-23 | 130 | 5   | 36 | 2-16X60  | 770  | 24-36 | 725  | 20-30 | 749.5    | 20-35 | 730     | 24-33 |
| 28   | 700  | 292 | 55    | 300 | 254 | 8-18 | 200 | 5.5 |    | 2-18X63  | 840  | 24-36 | 840  | 24-30 | 863.5    | 28-35 | 840     | 24-33 |
| 30   | 750  | 308 | 55    | 300 | 254 | 8-18 | 200 | 5.5 |    | 2-18X63  | 914  | 24-39 | 914  | 24-33 | 914.5    | 28-35 | 900     | 24-33 |
| 32   | 800  | 318 | 55    | 300 | 254 | 8-18 | 200 | 5.5 |    | 2-18X63  | 950  | 24-39 | 950  | 24-33 | 978      | 28-41 | 950     | 28-33 |
| 36   | 900  | 330 | 75    | 300 | 254 | 8-18 | 200 | 5.5 |    | 2-20X100 | 1050 | 28-39 | 1050 | 28-33 | 1086     | 32-41 | 1050    | 28-33 |
| 40   | 1000 | 410 | 85    | 300 | 254 | 8-18 | 200 | 5.5 |    | 2-20X100 | 1170 | 28-42 | 1160 | 28-36 | 1200     | 36-41 | 1160    | 28-39 |
| 42   | 1050 | 410 | 95    | 300 | 254 | 8-18 | 200 | 5.5 |    | 2-25X140 | 1257 | 32-44 | 1257 | 32-37 | 1257.5   | 36-41 | 1270    | 28-39 |
| 48   | 1200 | 470 | 105   | 350 | 298 | 8-23 | 230 | 5.5 |    | 2-28X140 | 1390 | 32-50 | 1380 | 32-41 | 1422.5   | 40-41 | 1380    | 32-39 |