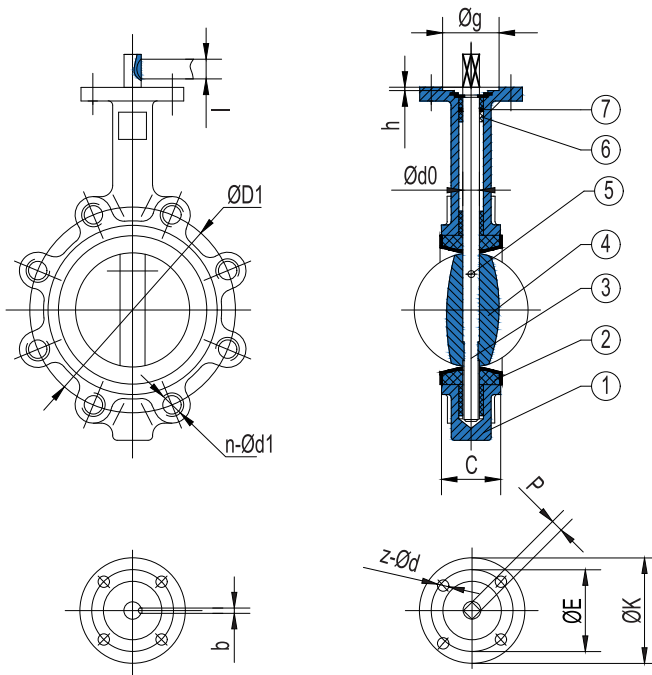




- **Type:**  
Lugged
- **Face to Face:**  
API609, BS5155, DIN3202, ISO5752
- **Flange:**  
DIN, BS, UNI, ISO, ANSI, AS, JIS
- **Mounting Flange:**  
ISO5211
- **Working Pressure:**  
PN16(200PSI)
- **Application:**  
HVAC, Water Supply & Sewage,  
Food & Beverage, Chemical/  
petrochemical/processing,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

## Lug Butterfly Valve(Through Shaft With Pin)



### 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/CS            |
| 4    | Disc      | CF8/CF8M/DI+Ni/SS304        |
| 5    | Pin       | SS                          |
| 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-M    | D1   | n-M    | D1       | n-M      | D1      | n-M    |
| 2    | 50   | 42    | 12.6  | 77  | 50  | 4-7  | 35  | 3   | 9  | 3X16     | 125  | 4-M16  | 125  | 4-M16  | 120.5    | 4-5/8"   | 120     | 4-M16  |
| 2.5  | 65   | 44.7  | 12.6  | 77  | 50  | 4-7  | 35  | 3   | 9  | 3X16     | 145  | 4-M16  | 145  | 4-M16  | 139.5    | 4-5/8"   | 140     | 4-M16  |
| 3    | 80   | 45.2  | 12.6  | 77  | 50  | 4-7  | 35  | 3   | 9  | 3X16     | 160  | 8-M16  | 160  | 8-M16  | 152.5    | 4-5/8"   | 150     | 4-M16  |
| 4    | 100  | 52.1  | 15.77 | 90  | 70  | 4-9  | 55  | 3   | 11 | 5X19     | 180  | 8-M16  | 180  | 8-M16  | 190.5    | 8-5/8"   | 175     | 8-M16  |
| 5    | 125  | 54.4  | 18.92 | 90  | 70  | 4-9  | 55  | 3   | 14 | 5X19     | 210  | 8-M16  | 210  | 8-M16  | 216      | 8-3/4"   | 210     | 8-M20  |
| 6    | 150  | 55.8  | 18.92 | 90  | 70  | 4-9  | 55  | 3   | 14 | 5X19     | 240  | 8-M20  | 240  | 8-M20  | 241.5    | 8-3/4"   | 240     | 8-M20  |
| 8    | 200  | 60.6  | 22.1  | 125 | 102 | 4-12 | 70  | 3.5 | 17 | 5X19     | 295  | 12-M20 | 295  | 8-M20  | 298.5    | 8-3/4"   | 290     | 12-M20 |
| 10   | 250  | 65.6  | 28.45 | 125 | 102 | 4-12 | 70  | 3.5 | 22 | 8X28     | 355  | 12-M24 | 350  | 12-M20 | 362      | 12-7/8"  | 355     | 12-M22 |
| 12   | 300  | 76.9  | 31.6  | 125 | 102 | 4-12 | 70  | 3.5 | 22 | 8X28     | 410  | 12-M24 | 400  | 12-M20 | 432      | 12-7/8"  | 400     | 16-M22 |
| 14   | 350  | 76.9  | 31.6  | 125 | 102 | 4-12 | 70  | 3.5 | 22 | 8X28     | 470  | 16-M24 | 460  | 16-M20 | 476      | 12-1"    | 445     | 16-M22 |
| 16   | 400  | 86.5  | 33.15 | 175 | 140 | 4-18 | 100 | 4   | 24 | 10X50    | 525  | 20-M27 | 515  | 16-M24 | 540      | 16-1"    | 510     | 16-M24 |
| 18   | 450  | 105.6 | 38    | 175 | 140 | 4-18 | 100 | 4   | 27 | 10X50    | 585  | 20-M27 | 565  | 20-M24 | 578      | 16-11/8" | 565     | 20-M24 |
| 20   | 500  | 127   | 41.15 | 175 | 140 | 4-18 | 100 | 4   | 32 | 10X50    | 650  | 20-M30 | 620  | 20-M24 | 635      | 20-11/8" | 620     | 20-M24 |
| 24   | 600  | 152   | 50.65 | 210 | 165 | 4-23 | 130 | 5   | 36 | 2-16X60  | 770  | 20-M33 | 725  | 20-M27 | 749.5    | 20-11/4" | 730     | 24-M30 |
| 28   | 700  | 163   | 55    | 300 | 254 | 8-18 | 200 | 5.5 |    | 2-18X63  | 840  | 24-M33 | 840  | 24-M27 | 863.5    | 24-11/4" | 840     | 24-M30 |
| 30   | 750  | 165   | 55    | 300 | 254 | 8-18 | 200 | 5.5 |    | 2-18X63  | 914  | 24-M36 | 914  | 24-M30 | 914.5    | 28-11/4" | 900     | 24-M30 |
| 32   | 800  | 188   | 55    | 300 | 254 | 8-18 | 200 | 5.5 |    | 2-18X63  | 950  | 24-M36 | 950  | 24-M30 | 978      | 28-11/2" | 950     | 28-M30 |
| 36   | 900  | 203   | 75    | 300 | 254 | 8-18 | 200 | 5.5 |    | 2-20X100 | 1050 | 28-M36 | 1050 | 28-M30 | 1086     | 32-11/2" | 1050    | 28-M30 |
| 40   | 1000 | 216   | 85    | 300 | 254 | 8-18 | 200 | 5.5 |    | 2-20X100 | 1170 | 28-M39 | 1160 | 28-M33 | 1200     | 36-11/2" | 1160    | 28-M36 |
| 42   | 1050 | 251   | 95    | 300 | 254 | 8-18 | 200 | 5.5 |    | 2-25X140 | 1257 | 32-M39 | 1257 | 32-M36 | 1257.5   | 36-11/2" | 1270    | 28-M36 |
| 48   | 1200 | 276   | 105   | 350 | 298 | 8-23 | 230 | 5.5 |    | 2-28X140 | 1390 | 32-M45 | 1380 | 32-M39 | 1422.5   | 36-11/2" | 1380    | 32-M36 |