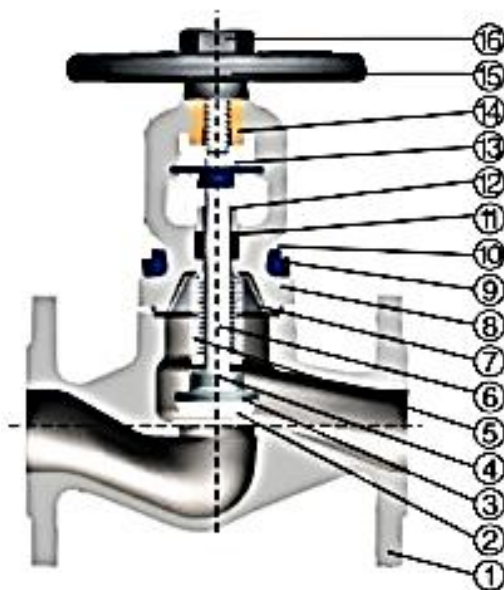




# DIN STANDARD BELLOW SEAL GLOBE VALVE (PLUS)

Model : G03.0702BS-XX



## SPECIFICATION

|                     |                                |
|---------------------|--------------------------------|
| DESIGN              | DIN 3356                       |
| PRESSURE RATING     | PN16 / PN25 / PN40             |
| WORKING TEMPERATURE | -196°C-600°C                   |
| OPERATOR            | METAL PRESSED HANDWHEEL / GEAR |
| CONNECTION          | Flange Ends DIN2543-2545       |

## MATERIAL

| No. | Part Name          | Material                            |
|-----|--------------------|-------------------------------------|
| 1.  | Body               | 1.0619+N, 1.4404                    |
| 2.  | Seat               | 1.4301, Stellite                    |
| 3.  | Disc               | 1.4021, 1.4401 + Stellite           |
| 4.  | Pin                | 1.4301, 1.4401                      |
| 5.  | Bellow assemble    | 1.4301, 1.4401                      |
| 6.  | Stem               | 1.4021, 1.4301, 1.4401              |
| 7.  | Gasket             | Flexible graphite + stainless steel |
| 8.  | Cover              | 1.0619+N, 1.4401                    |
| 9.  | Nut                | ASTM 194-2H, A194-8                 |
| 10. | Double-headed bolt | ASTM 194-B7, A193-B8                |
| 11. | Packing            | Flexible Graphite                   |
| 12. | Gland              | 1C25, 1.4301, 1.4401                |
| 13. | Locator            | 1C25                                |
| 14. | Stem nut           | Copper Alloy, D2, BL2               |
| 15. | Hand Wheel         | Carbon Steel                        |

|     |     |      |
|-----|-----|------|
| 16. | Cap | 1C45 |
|-----|-----|------|

DIMENSION

| PN16 |      |     |     |     |    |   |      |        |
|------|------|-----|-----|-----|----|---|------|--------|
| DN   | L    | D   | D1  | D2  | b  | f | H    | n-Ød   |
| 15   | 130  | 95  | 65  | 45  | 16 | 2 | 195  | 4-Ø14  |
| 20   | 150  | 105 | 75  | 58  | 18 | 2 | 195  | 4-Ø14  |
| 25   | 160  | 115 | 85  | 68  | 18 | 2 | 207  | 4-Ø14  |
| 32   | 180  | 140 | 100 | 78  | 18 | 2 | 218  | 4-Ø18  |
| 40   | 200  | 150 | 110 | 88  | 18 | 3 | 225  | 4-Ø18  |
| 50   | 230  | 165 | 125 | 102 | 20 | 3 | 230  | 4-Ø18  |
| 65   | 290  | 185 | 145 | 122 | 20 | 3 | 272  | 4-Ø18  |
| 80   | 310  | 200 | 160 | 138 | 20 | 3 | 290  | 8-Ø18  |
| 100  | 350  | 220 | 180 | 158 | 20 | 3 | 355  | 8-Ø18  |
| 125  | 400  | 250 | 210 | 188 | 22 | 3 | 410  | 8-Ø18  |
| 150  | 480  | 285 | 240 | 212 | 22 | 3 | 425  | 8-Ø22  |
| 200  | 600  | 340 | 295 | 268 | 24 | 3 | 540  | 12-Ø22 |
| 250  | 730  | 405 | 355 | 320 | 26 | 3 | 665  | 12-Ø26 |
| 300  | 850  | 460 | 410 | 378 | 28 | 4 | 720  | 12-Ø26 |
| 350  | 980  | 520 | 470 | 438 | 30 | 4 | 970  | 16-Ø26 |
| 400  | 1100 | 580 | 525 | 490 | 32 | 4 | 1055 | 16-Ø30 |

| PN25 |      |     |     |     |    |   |      |        |
|------|------|-----|-----|-----|----|---|------|--------|
| DN   | L    | D   | D1  | D2  | b  | f | H    | n-Ød   |
| 15   | 130  | 95  | 65  | 45  | 16 | 2 | 195  | 4-Ø14  |
| 20   | 150  | 105 | 75  | 58  | 18 | 2 | 195  | 4-Ø14  |
| 25   | 160  | 115 | 85  | 68  | 18 | 2 | 207  | 4-Ø14  |
| 32   | 180  | 140 | 100 | 78  | 18 | 2 | 218  | 4-Ø18  |
| 40   | 200  | 150 | 110 | 88  | 18 | 3 | 225  | 4-Ø18  |
| 50   | 230  | 165 | 125 | 102 | 20 | 3 | 230  | 4-Ø18  |
| 65   | 290  | 185 | 145 | 122 | 22 | 3 | 272  | 8-Ø18  |
| 80   | 310  | 200 | 160 | 138 | 24 | 3 | 290  | 8-Ø18  |
| 100  | 350  | 235 | 190 | 162 | 24 | 3 | 355  | 8-Ø22  |
| 125  | 400  | 270 | 220 | 188 | 26 | 3 | 410  | 8-Ø26  |
| 150  | 480  | 300 | 250 | 218 | 28 | 3 | 425  | 8-Ø26  |
| 200  | 600  | 360 | 310 | 278 | 30 | 3 | 540  | 12-Ø26 |
| 250  | 730  | 425 | 370 | 335 | 32 | 3 | 665  | 12-Ø30 |
| 300  | 850  | 485 | 430 | 395 | 34 | 4 | 720  | 16-Ø30 |
| 350  | 980  | 555 | 490 | 450 | 38 | 4 | 970  | 16-Ø33 |
| 400  | 1100 | 620 | 550 | 505 | 40 | 4 | 1055 | 16-Ø36 |

| PN40 |      |     |     |     |    |   |      |        |
|------|------|-----|-----|-----|----|---|------|--------|
| DN   | L    | D   | D1  | D2  | b  | f | H    | n-Ød   |
| 15   | 130  | 95  | 65  | 45  | 16 | 2 | 195  | 4-Ø14  |
| 20   | 150  | 105 | 75  | 58  | 18 | 2 | 195  | 4-Ø14  |
| 25   | 160  | 115 | 85  | 68  | 18 | 2 | 207  | 4-Ø14  |
| 32   | 160  | 140 | 100 | 68  | 18 | 2 | 218  | 4-Ø18  |
| 40   | 180  | 150 | 110 | 78  | 18 | 3 | 225  | 4-Ø18  |
| 50   | 230  | 165 | 125 | 102 | 20 | 3 | 230  | 4-Ø18  |
| 65   | 290  | 185 | 145 | 122 | 22 | 3 | 272  | 8-Ø18  |
| 80   | 310  | 200 | 160 | 138 | 24 | 3 | 290  | 8-Ø18  |
| 100  | 350  | 235 | 190 | 162 | 24 | 3 | 355  | 8-Ø22  |
| 125  | 400  | 270 | 220 | 188 | 26 | 3 | 410  | 8-Ø26  |
| 150  | 480  | 300 | 250 | 218 | 28 | 3 | 425  | 8-Ø26  |
| 200  | 600  | 375 | 320 | 285 | 34 | 3 | 540  | 12-Ø30 |
| 250  | 730  | 450 | 385 | 345 | 38 | 3 | 665  | 12-Ø33 |
| 300  | 850  | 515 | 450 | 410 | 42 | 4 | 720  | 16-Ø33 |
| 350  | 980  | 580 | 510 | 465 | 46 | 4 | 970  | 16-Ø36 |
| 400  | 1100 | 660 | 585 | 585 | 50 | 4 | 1055 | 16-Ø39 |

