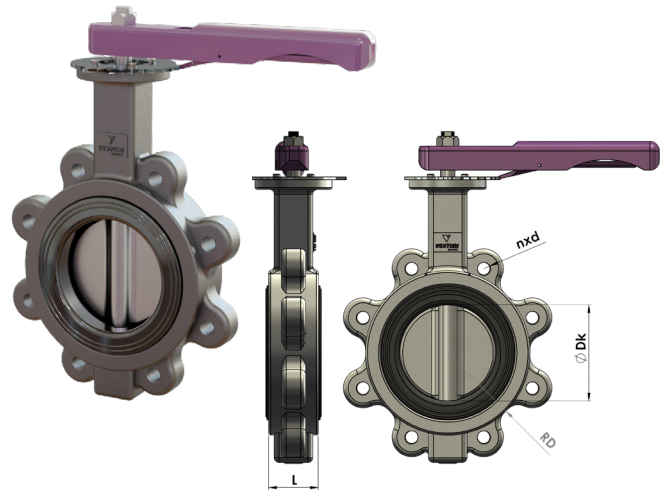


# Lug Butterfly Valves

DN40-DN400

PN16



List of Materials

| Item | Part       | Material Group acc. to EN 12516-1 |              |
|------|------------|-----------------------------------|--------------|
|      |            | Application                       |              |
|      |            | up to 200 °C                      | up to 200 °C |
| 1    | Body       | GG 25                             | GGG 40       |
| 2    | Ball       | GGG 40                            | 1.4401       |
| 3    | Seat       | EPDM/ NBR / VITON / PTFE          |              |
| 4    | Stem       | 1.4021 - AISI 420                 |              |
| 5    | Stem Nut   | A194-8                            |              |
| 6    | Stud Bolts | A193 B7/1.7225                    |              |
| 7    | Nuts       | A194 2H/1.1191                    |              |
| 8    | O-Ring     | EPDM / NBR                        |              |
| 9    | Handle     | Carbon Steel                      |              |

Standarts

|                                       |               |
|---------------------------------------|---------------|
| Butterfly Valves according to EN 1983 | PN 10 / PN 16 |
| Face-to-face dimensions               | EN 1759-1     |
| Flanged ends                          | EN 1759-1     |

Dimensions PN10

| DN   |     | 40   | 50   | 65   | 80   | 100  | 125  | 150  | 200  | 250   | 300   | 350   | 400   | 450   | 500   | 600   |
|------|-----|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| [mm] | L   | 33   | 43   | 46   | 46   | 52   | 56   | 56   | 60   | 68    | 78    | 78    | 102   | 114   | 127   | 154   |
|      | D   | 110  | 125  | 145  | 160  | 180  | 210  | 240  | 295  | 355   | 410   | 470   | 525   | 565   | 620   | 725   |
|      | Dk  | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30    | 30    | 45    | 45    | 51    | 64    | 70    |
|      | nxd | 16x4 | 16x4 | 16x4 | 16x8 | 16x8 | 16x8 | 20x8 | 20x8 | 20x12 | 20x12 | 20x16 | 24x16 | 24x20 | 24x20 | 27x20 |

Dimensions PN16

| DN   |     | 40   | 50   | 65   | 80   | 100  | 125  | 150  | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 600   |
|------|-----|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| [mm] | L   | 33   | 43   | 46   | 46   | 52   | 56   | 56   | 60    | 68    | 78    | 78    | 102   | 114   | 127   | 154   |
|      | D   | 110  | 125  | 145  | 160  | 180  | 210  | 240  | 295   | 355   | 410   | 470   | 525   | 565   | 620   | 725   |
|      | Dk  | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30    | 30    | 30    | 45    | 45    | 51    | 64    | 70    |
|      | nxd | 16x4 | 16x4 | 16x4 | 16x8 | 16x8 | 16x8 | 20x8 | 20x12 | 24x12 | 24x12 | 24x16 | 27x16 | 27x20 | 30x20 | 33x20 |