



# BUTTERFLY VALVE L DN50 PN16

Lug type - bare stem

M33511  
710702

**DESCRIPTION:** Nodular Cast Iron body, vulcanized liner lugged type butterfly valve with Aluminium Bronze disc. Centric free stem with standardized pattern for actuator mounting. Can handle negative pressure (vacuum), due to the meticulous vulcanization process.

**STANDARD & DESIGN:**

|                       |                          |
|-----------------------|--------------------------|
| End Standard          | EN 1092-2                |
| Face To Face Standard | EN 558, series 20        |
| Inspection Standard   | EN 12266                 |
| Remark                | Connection: PN16         |
| Min temperature       | -15°C                    |
| Top Flange Standard   | ISO 5211 - F07           |
| Max temperature       | +80°C                    |
| Variant               | Bare stem                |
| End Type              | Lug                      |
| Design Code           | EN 593                   |
| Standard              | DIN                      |
| Material Seat         | NBR                      |
| Material Disc         | Aluminium Bronze         |
| Material Body         | Nodular Cast Iron, GGG40 |
| Sub Category          | BUTTERFLY                |
| Item Number           | M33511                   |
| Category              | Valve                    |



| No | Part | Material                   | Code   | Application                   |
|----|------|----------------------------|--------|-------------------------------|
| 1  | Body | Nodular Cast Iron          | GGG40  | Air                           |
| 2  | Disc | Aluminium Bronze           |        | Boiler feedwater              |
| 3  | Seat | NBR max working temp. 80°C |        | Cargo oil                     |
| 4  | Stem | Stainless Steel            | 1.4401 | Condensate                    |
| 5  | Pin  | Duplex Stainless Steel     | 1.4462 | Flammable hydraulic oil       |
|    |      |                            |        | Fuel oil                      |
|    |      |                            |        | Gas                           |
|    |      |                            |        | Lubricating oil               |
|    |      |                            |        | Non-flammable hydraulic fluid |
|    |      |                            |        | Sea water                     |
|    |      |                            |        | Water                         |

| DN | Pressure Rating Id | nxdd  | Hcd | Ø D | L  | Kg  | H1 | Ø D2 | H2  | S  | H3 |
|----|--------------------|-------|-----|-----|----|-----|----|------|-----|----|----|
| 50 | 16                 | 4xM16 | 125 | 161 | 43 | 3.5 | 71 | 90   | 113 | 11 | 19 |

