



# BUTTERFLY VALVE SL DN450 PN10

Semi Lug type - bare stem

M35010  
700901

**DESCRIPTION:** Nodular Cast Iron body, vulcanized liner semi lug type butterfly valve with Stainless Steel 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: PN10         |
| Min temperature       | -15°C                    |
| Top Flange Standard   | ISO 5211 - F14           |
| Max temperature       | +80°C                    |
| Variant               | Bare stem                |
| End Type              | Semi Lug                 |
| Design Code           | EN 593                   |
| Standard              | DIN                      |
| Material Seat         | NBR                      |
| Material Disc         | Stainless Steel, 316     |
| Material Body         | Nodular Cast Iron, GGG40 |
| Sub Category          | BUTTERFLY                |
| Item Number           | M35010                   |
| Category              | Valve                    |



| No | Part | Material                   | Code   | Application                   |
|----|------|----------------------------|--------|-------------------------------|
| 1  | Body | Nodular Cast Iron          | GGG40  | Air                           |
| 2  | Disc | Stainless Steel            | 1.4408 | Boiler feedwater              |
| 3  | Seat | NBR max working temp. 80°C |        | Cargo oil                     |
| 4  | Stem | Stainless Steel            | 1.4057 | 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 |
|-----|--------------------|-------|-----|-----|-----|-----|-----|------|-----|----|----|
| 450 | 10                 | 4xM24 | 565 | 540 | 114 | 110 | 335 | 175  | 375 | 36 | 38 |

