

# BUTTERFLY VALVE VULCANIZED LINER SEMI LUG, BARE STEM, DN450, PN10, GGG40.3/C958/EPDM

## Description

Nodular Cast Iron body, vulcanized liner wafer 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.

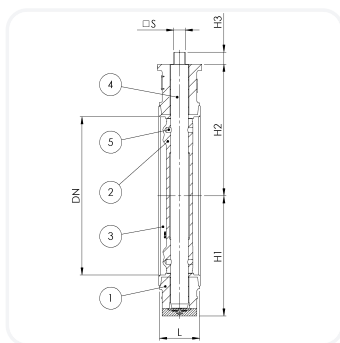
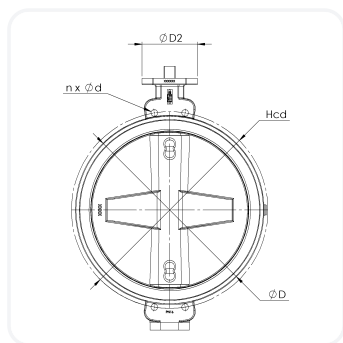
## Standard & Design

|                       |                    |
|-----------------------|--------------------|
| Material Body         | Ductile Iron       |
| Material Disc         | Copper Alloy       |
| Material Liner        | EPDM               |
| Actuation             | Bare Stem Parallel |
| Pressure rating       | PN10               |
| Connection            | PN10               |
| Size                  | DN450              |
| Standard              | DIN                |
| Design code           | EN 593             |
| Inspection standard   | EN 12266           |
| Face to face standard | EN 558, series 20  |
| Min temp Op / peak    | -25°C / -35°C      |
| Max temp Op / peak    | +100°C / +125°C    |
| Item number           | M35249             |
| Item number prod      | BF03524900         |
| Item ID               | 704-1650           |
| Model number          | 701701             |



## Applications

Boiler feedwater  
 Condensate  
 Sea water  
 Water



Measures are in mm. Weights are approximate. The information provided may contain errors or omissions, and no rights may be derived from its content. Meson Group reserves the right to update information at any time without prior notice. For the latest revision, always consult [www.mesongroup.com](http://www.mesongroup.com). Document created 2026-08-14



## Parts list

| No | Part | Material          | Code    | Comment |
|----|------|-------------------|---------|---------|
| 1  | Body | Nodular Cast Iron | GGG40.3 |         |
| 2  | Disc | Aluminium Bronze  | CC333G  |         |
| 3  | Seat | EPDM              | EPDM    |         |
| 4  | Stem | Stainless Steel   | AISI431 |         |
| 5  | Pin  | Duplex            | 1.4462  |         |

## Item data

|                 |        |
|-----------------|--------|
| Item number     | M35249 |
| Pressure rating | PN10   |
| Connection      | PN10   |
| DN              | 450    |
| H1              | 335    |
| H2              | 375    |
| H3              | 38     |
| Hcd             | 565    |
| Kg              | 110    |
| L               | 114    |
| S               | 36     |
| ØD2             | 175    |
| Inch            | 18"    |
| ISO5211         | F14    |
| nxød            | 4xM24  |

## Variants

For wafer type valves above DN400, semilug type is offered. Meson Group's product offering is larger than displayed here. We have the capability to tailor-make products according to customer needs. Please access a resembling product through [www.mesongroup.com](http://www.mesongroup.com) and click "Add with note", to request a customized product.

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