



## ECON® Butterfly valve Type: 6832 Ductile cast iron/Stainless steel Gearbox Lug type

### Characteristics

**Type:** 6832  
**Norm:** EN (DIN)  
**Valve design:** Centric  
**Housing material:** Ductile cast iron  
**Material quality:** EN-JS1030  
**Surface protection:** Epoxy coating (in- and external)  
**Connection:** Lug type  
**Standard connection:** EN (DIN)  
**Face to Face norm:** EN 558, Series 20  
**Operation:** Gearbox  
**Top flange standard:** ISO 5211 Direct Mount  
**Housing lining:** Replaceable  
**Disk material:** Stainless steel  
**Quality class disc:** 1.4408  
**Actuator material:** Aluminium

### Application

- Industrial applications such as water, hydrocarbons and slightly corrosive fluids and gases.
- Supply systems (HVAC), greenhouse construction, pulp and paper.
- Vacuum systems.
- Recommended in: Utilities

### Technical Information

- With replaceable lining, vulcanised on a phenol or aluminium back-up ring.
- One-piece spindle in an anti-blowout design.
- With "direct mount" top-flange in accordance with ISO 5211.
- Long neck for insulation purposes.
- Three-point spindle bearing for excellent life cycle management.
- Grooved connection between the spindle and the valve disc for DN50 to DN300, larger formats have a plug-in connection between the spindle and the valve disc.
- Bronze bearing bushings.
- Housing with polyester powder coating, minimum thickness of 200 µm and RAL colour 5015.
- Version with worm gearbox.
- Dimensions for DN50 to DN600 (2" to 24").
- Flanged connection pressure class for DN50 to DN300 (2" to 6"): PN10 and PN16 or class 150, DN200 to DN600 (8" to 24"): PN10, PN16 or class 150.
- Maximum medium temperature depending on the lining: EPDM: -10°C to +110°C, NBR: -10°C to +80°C, FPM (FKM): -10°C to +180°C.

### Construction

- Threaded eye connection.
- Design in accordance with EN 593, API 609 and ASME B16.34.
- Standard design with pressure class PN16 for DN50 to DN150 and PN10 or PN16 for DN200 to DN600.
- Construction length in accordance with EN 558 series 20, ISO 5752 series 20 and API 609 category A.
- Suitable for fitting with flanges in accordance with EN 1092-1 (flange type 11) and ASME B16.5.
- Bi-directional bubble-tight sealing in accordance with EN 12266 and API 598.

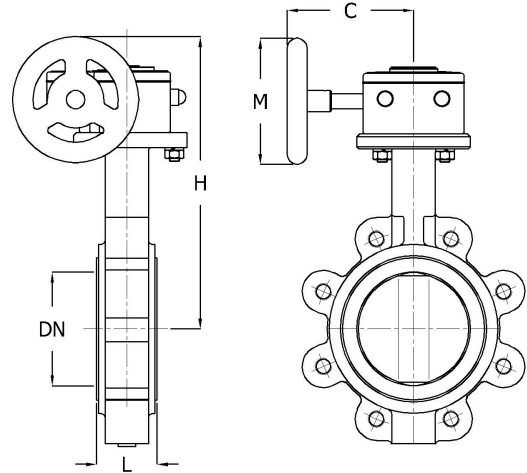
### Options

- Manually operated, pneumatic, electric or (electro-) hydraulic actuators.
- Position feedback for manually operated or automated valves.

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

Size table:

| DN    | C   | H   | L  | M   | Weight |
|-------|-----|-----|----|-----|--------|
|       | mm  | mm  | mm | mm  | kg     |
| DN200 | 179 | 347 | 60 | 160 | 20     |
| DN250 | 197 | 414 | 68 | 200 | 35.4   |



| Pressure and temperature range |             |                |                                  |                       |
|--------------------------------|-------------|----------------|----------------------------------|-----------------------|
| DN                             | Liner       | Pressure class | Temperature range                | Max. working pressure |
| DN200-DN300                    | NBR or EPDM | PN16           | NBR -10°/+80°C, EPDM -10°/+110°C | 16 bar                |
| DN200-DN400                    | NBR or EPDM | PN10           | NBR -10°/+80°C, EPDM -10°/+110°C | 10 bar                |

| Nominal inner diameter | Pressure rating | Pressure rating flange | Face to Face length | Material liner | Spindle material | Quality class spindle | Minimum medium temperature (continuous) | Maximum medium temperature (continuous) | Article          |
|------------------------|-----------------|------------------------|---------------------|----------------|------------------|-----------------------|-----------------------------------------|-----------------------------------------|------------------|
|                        |                 |                        | mm                  |                |                  |                       | °C                                      | °C                                      |                  |
| DN200                  | PN10            | PN10                   | 60                  | EPDM           | Stainless steel  | 1.4057                | -10                                     | 110                                     | EC06832E200D-CAA |
| DN250                  | PN10            | PN10                   | 68                  | EPDM           | Stainless steel  | 1.4057                | -10                                     | 110                                     | EC06832E250D-CAA |

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.