



## ECON® Butterfly valve Type: 6731TFM Ductile cast iron/ Stainless steel Squeeze handle Wafer type



### Characteristics

**Type:** 6731TFM

**Norm:** EN (DIN)

**Valve design:** Centric

**Housing material:** Ductile cast iron

**Material quality:** EN-JS1030

**Surface protection:** Polyester powder coating min.  
200µm

**Connection:** Wafer type

**Standard connection:** EN (DIN)/ ASME

**Face to Face norm:** EN 558, Series 20

**Operation:** Squeeze handle

**Top flange standard:** ISO 5211 Direct Mount

**Housing lining:** Replaceable

**Disk material:** Stainless steel

**Quality class disc:** 1.4408

**Actuator material:** Malleable cast iron

### Application

- Foodstuff and light industrial applications.
- Foodstuff applications that must comply with the EC 1935 standard.
- Recommended in: Food & Beverages

### Technical Information

- Full-length shaft-valve disc construction.
- Long neck for isolation.
- With "direct mount" top flange and lever in accordance with ISO 5211.
- Bronze bearing bushings.
- Vulcanised, PTFE (TFM1600) coated EPDM rubber lining, fixed on plastic ring, replaceable.
- Polished stainless steel valve disc.

### Approval

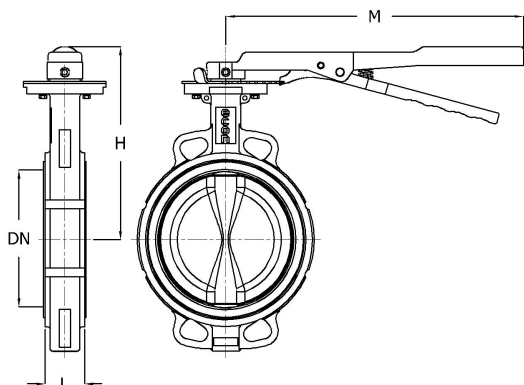
- This butterfly valve complies with EC 1935. This standard applies to all materials that come into direct or indirect contact with foodstuffs.

### Options

- Pneumatic, electric or hydraulic actuators.
- Position feedback for manually operated or automated valves.

Size table:

| DN    | H   | L  | M   | Weight |
|-------|-----|----|-----|--------|
|       | mm  | mm | mm  | kg     |
| DN40  | 145 | 33 | 195 | 2.5    |
| DN65  | 186 | 46 | 265 | 4.4    |
| DN80  | 192 | 46 | 265 | 4.7    |
| DN100 | 209 | 52 | 265 | 5.8    |
| DN125 | 222 | 56 | 265 | 7.8    |
| DN150 | 237 | 56 | 328 | 9      |



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.

| Pressure and temperature range |       |                 |                   |                       |
|--------------------------------|-------|-----------------|-------------------|-----------------------|
| DN                             | Liner | Pressure rating | Temperature range | Max. working pressure |
| DN40-DN150                     | TFM   | PN16            | -10°/+110°C       | 16 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                                      |          |
| DN40 - 1.1/2"          | PN16            | PN10                   | 33                  | TFM            | Stainless steel  | 1.4057                | -10                                     | 110                                     | 13505306 |
| DN65 - 2.1/2"          | PN16            | PN10                   | 46                  | TFM            | Stainless steel  | 1.4057                | -10                                     | 110                                     | 13505308 |
| DN80 - 3"              | PN16            | PN10                   | 46                  | TFM            | Stainless steel  | 1.4057                | -10                                     | 110                                     | 13505309 |
| DN100 - 4"             | PN16            | PN10                   | 52                  | TFM            | Stainless steel  | 1.4057                | -10                                     | 110                                     | 13505310 |
| DN125 - 5"             | PN16            | PN10                   | 56                  | TFM            | Stainless steel  | 1.4057                | -10                                     | 110                                     | 13505311 |
| DN150 - 6"             | PN16            | PN10                   | 56                  | TFM            | Stainless steel  | 1.4057                | -10                                     | 110                                     | 13505312 |

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.