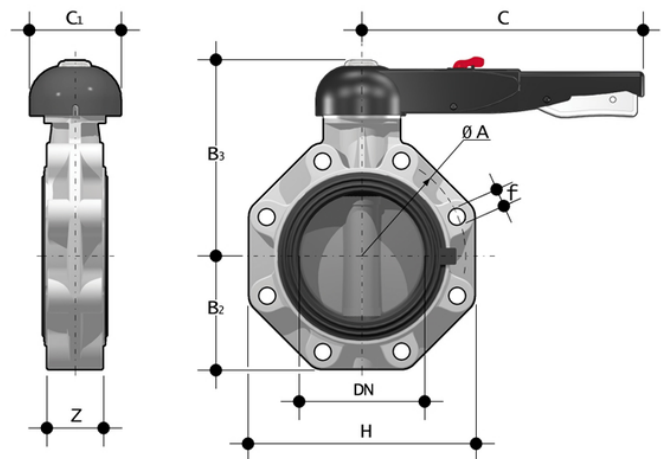


# FKOM/LM LUG ISO-DIN – Butterfly valve DN 40:400

Hand operated butterfly valve, version Lug ISO-DIN.



## EPDM

| Reference   | d         | DN  | PN | øA  | B <sub>2</sub> | B <sub>3</sub> | C   | C <sub>1</sub> | f   | H   | U  | Z  | g    |
|-------------|-----------|-----|----|-----|----------------|----------------|-----|----------------|-----|-----|----|----|------|
| FKOLMLM075E | 75        | 65  | 10 | 145 | 80             | 164            | 175 | 110            | M16 | 165 | 4  | 46 | 1770 |
| FKOLMLM090E | 90        | 80  | 10 | 160 | 93             | 178            | 272 | 100            | M16 | 185 | 12 | 49 | 2570 |
| FKOLMLM110E | 110       | 100 | 10 | 180 | 107            | 192            | 272 | 110            | M16 | 211 | 8  | 56 | 2920 |
| FKOLMLM140E | 125/140   | 125 | 10 | 210 | 120            | 212            | 330 | 110            | M16 | 240 | 8  | 64 | 4600 |
| FKOLMLM160E | 160*/180* | 150 | 10 | 240 | 134            | 225            | 330 | 110            | M20 | 268 | 8  | 70 | 5350 |
| FKOLMLM225E | 200*/225* | 200 | 10 | 295 | 161            | 272            | 420 | 122            | M20 | 323 | 8  | 71 | 8250 |

## FKM

| Reference   | d         | DN  | PN | øA  | B <sub>2</sub> | B <sub>3</sub> | C   | C <sub>1</sub> | f   | H   | U  | Z  | g    |
|-------------|-----------|-----|----|-----|----------------|----------------|-----|----------------|-----|-----|----|----|------|
| FKOLMLM075F | 75        | 65  | 10 | 145 | 80             | 164            | 175 | 110            | M16 | 165 | 4  | 46 | 1770 |
| FKOLMLM090F | 90        | 80  | 10 | 160 | 93             | 178            | 272 | 100            | M16 | 185 | 12 | 49 | 2570 |
| FKOLMLM110F | 110       | 100 | 10 | 180 | 107            | 192            | 272 | 110            | M16 | 211 | 8  | 56 | 2920 |
| FKOLMLM140F | 125/140   | 125 | 10 | 210 | 120            | 212            | 330 | 110            | M16 | 240 | 8  | 64 | 4600 |
| FKOLMLM160F | 160*/180* | 150 | 10 | 240 | 134            | 225            | 330 | 110            | M20 | 268 | 8  | 70 | 5350 |
| FKOLMLM225F | 200*/225* | 200 | 10 | 295 | 161            | 272            | 420 | 122            | M20 | 323 | 8  | 71 | 8250 |

## FKM Silicone Free



# FKOM/LM LUG ISO-DIN – Butterfly valve DN 40:400

| Reference      | d         | DN  | PN | øA  | B <sub>2</sub> | B <sub>3</sub> | C   | C <sub>1</sub> | f   | H   | U  | Z  | g    |
|----------------|-----------|-----|----|-----|----------------|----------------|-----|----------------|-----|-----|----|----|------|
| FKOLMLM075F0SF | 75        | 65  | 10 | 145 | 80             | 164            | 175 | 110            | M16 | 165 | 4  | 46 | 1770 |
| FKOLMLM090F0SF | 90        | 80  | 10 | 160 | 93             | 178            | 175 | 100            | M16 | 185 | 12 | 49 | 2570 |
| FKOLMLM110F0SF | 110       | 100 | 10 | 180 | 107            | 192            | 272 | 110            | M16 | 211 | 8  | 56 | 2920 |
| FKOLMLM140F0SF | 125/140   | 125 | 10 | 210 | 120            | 212            | 330 | 110            | M16 | 240 | 8  | 64 | 4600 |
| FKOLMLM160F0SF | 160*/180* | 150 | 10 | 240 | 134            | 225            | 330 | 110            | M20 | 268 | 8  | 70 | 5350 |

# FKOM/LM LUG ISO-DIN – Butterfly valve DN 40:400

- **Ergonomic handle** in HIPVC equipped with **locking and unlocking device, release, quick operation and graduated adjustment** in 10 intermediate positions (DN 40÷200). The operating range, starting from the first few degrees of valve opening, also guarantees extremely low pressure drops
- **Customisable Labelling System**: integrated module in the handle, made of a transparent protection plug and a customisable tag holder using the LSE set (available as an accessory). The **customisation** lets you **identify the valve on the system** according to specific needs
- **STAINLESS steel square section stem** completely isolated from the fluid complying with standard ISO 5211:
  - DN 40÷65: 11 mm
  - DN 80÷100: 14 mm
  - DN 125÷150: 17 mm
  - DN 200: 22 mm
  - DN 250÷400: 27 mm
- **Body** in polypropylene based **compound reinforced with fibreglass (PP-GR)** **resistant to UV rays** and characterised by **high mechanical strength**
- **Drilling pattern using oval slots** that allow coupling to flanges according to numerous international standards. The special **self-centring inserts in ABS** supplied for DN 40÷200 guarantee the **correct axial alignment** of the valve during installation. For DN 250÷400 valves, the drilling pattern for the selfcentring system is of the traditional type according to DIN and ANSI standards
- **Interchangeable liner** with the dual function of forming a hydraulic seal and isolating the body from the fluid
- Interchangeable Disk in PP-H with through shaft, available in different thermoplastic materials: PVC-U, PVC-C, ABS, PVDF
- Overall dimensions of the valve in accordance with standard ISO 5752 (DN 40÷200 Medium series 25, DN 250÷ 300 Long Series 16) and DIN 3202 K2 and ISO 5752 (DN DN 65÷200 K2, DN 250÷300 K3)
- Can also be installed as an end line valve, bottom discharge valve or tank dump valve
- **Special Lug version** PN 10 fully drilled according to DIN 2501 or ANSI B16.5 cl.150 **with molded-in AISI 316 stainless steel threaded inserts**
- **Valve material compatibility** (PP-H) with water conveyance, drinking water and other food substances according to current **regulations**
- Possibility of installing a manual reducer or pneumatic and/or electric actuators by applying an ISO standard drilling PP-GR flanges. DN 40 ÷ 200 valve equipped with plate with rack in PP-GR. For actuated versions with flange drilled according to ISO 5211 F05, F07, F10. DN 250÷300 valve, fitted with one-piece top flange in high mechanical strength PP-GR with mounting flange for internal components drilled according to standard ISO 5211 F10 (excluding DN 350÷400), F12, F14
- Possibility to have handle with integrated LSQT limit micro switch, even as a retrofit in existing installations