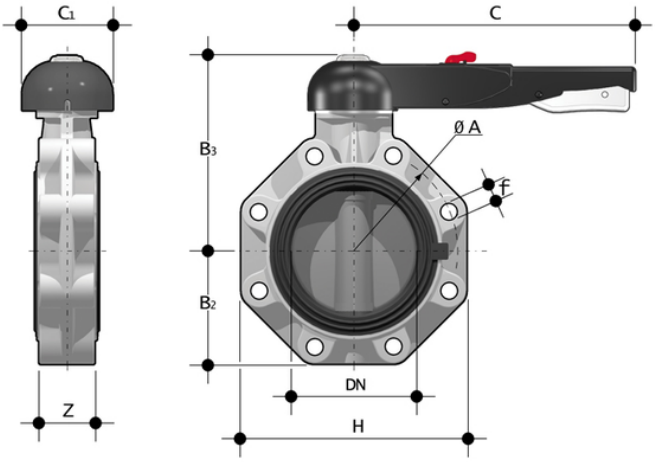
# FKOF/LM LUG ISO-DIN - Butterfly valve DN 40:400

Hand operated butterfly valve, version Lug ISO-DIN.




| Reference | d | DN | PN | øA | $B_2$ | $B_3$ | C | $C_1$ | f | H | U | Z | g |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FKOLFLM075F | 75 | 65 | 10 | 145 | 80 | 164 | 175 | 110 | M16 | 165 | 4 | 46 | 1970 |
| FKOLFLM090F | 90 | 80 | 10 | 160 | 93 | 178 | 272 | 100 | M16 | 185 | 12 | 49 | 2820 |
| FKOLFLM110F | 110 | 100 | 10 | 180 | 107 | 192 | 272 | 110 | M16 | 211 | 8 | 56 | 3170 |
| FKOLFLM140F | 140 | 125 | 10 | 210 | 120 | 212 | 330 | 110 | M16 | 240 | 8 | 64 | 4900 |
| FKOLFLM160F | 160 | 150 | 10 | 240 | 134 | 225 | 330 | 110 | M20 | 268 | 8 | 70 | 5700 |
| FKOLFLM225F | 225 | 200 | 10 | 295 | 161 | 272 | 420 | 122 | M20 | 323 | 8 | 71 | 8650 |

# FKOF/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 PVDF with through shaft, available in different thermoplastic materials: PVC-U, PP-H, PVC-C, ABS
- 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 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**
- 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