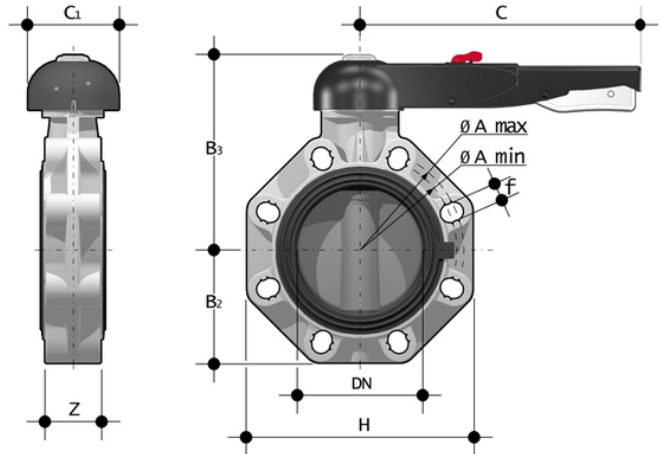


FKOV/LM – Butterfly valve DN 40:400

Hand operated butterfly valve.



EPDM

| Reference | d | DN | PN | A min | A max | B[5:2] | B[5:3] | C | C[5:1] | H | U | Z | g |
|------------|------------|-----|----|-------|-------|--------|--------|-----|--------|-----|----|----|------|
| FKOVLM050E | 50 - 1"1/2 | 40 | 16 | 99 | 109 | 60 | 137 | 175 | 100 | 132 | 4 | 33 | 1000 |
| FKOVLM063E | 63 - 2" | 50 | 16 | 115 | 125,5 | 70 | 143 | 175 | 100 | 147 | 4 | 43 | 1180 |
| FKOVLM075E | 75 - 2"1/2 | 65 | 10 | 128 | 144 | 80 | 164 | 175 | 110 | 165 | 4 | 46 | 1570 |
| FKOVLM090E | 90 - 3" | 80 | 10 | 145 | 160 | 93 | 178 | 272 | 110 | 185 | 12 | 49 | 2020 |
| FKOVLM110E | 110 - 4" | 100 | 10 | 165 | 190 | 107 | 192 | 272 | 110 | 211 | 8 | 56 | 2370 |
| FKOVLM140E | 140 - 5" | 125 | 10 | 204 | 215 | 120 | 212 | 330 | 110 | 240 | 8 | 64 | 3300 |
| FKOVLM160E | 160 - 6" | 150 | 10 | 230 | 242 | 134 | 225 | 330 | 110 | 268 | 8 | 70 | 4100 |
| FKOVLM225E | 225 - 8" | 200 | 10 | 280 | 298 | 161 | 272 | 420 | 122 | 323 | 8 | 71 | 7050 |

FKM

| Reference | d | DN | PN | A min | A max | B[5:2] | B[5:3] | C | C[5:1] | H | U | Z | g |
|------------|------------|-----|----|-------|-------|--------|--------|-----|--------|-----|----|----|------|
| FKOVLM050F | 50 - 1"1/2 | 40 | 16 | 99 | 109 | 60 | 137 | 175 | 100 | 132 | 4 | 33 | 1000 |
| FKOVLM063F | 63 - 2" | 50 | 16 | 115 | 125,5 | 70 | 143 | 175 | 100 | 147 | 4 | 43 | 1180 |
| FKOVLM075F | 75 - 2"1/2 | 65 | 10 | 128 | 144 | 80 | 164 | 175 | 110 | 165 | 4 | 46 | 1570 |
| FKOVLM090F | 90 - 3" | 80 | 10 | 145 | 160 | 93 | 178 | 272 | 110 | 185 | 12 | 49 | 2020 |
| FKOVLM110F | 110 - 4" | 100 | 10 | 165 | 190 | 107 | 192 | 272 | 110 | 211 | 8 | 56 | 2370 |
| FKOVLM140F | 140 - 5" | 125 | 10 | 204 | 215 | 120 | 212 | 330 | 110 | 240 | 8 | 64 | 3300 |

FKOV/LM – Butterfly valve DN 40:400

| Reference | d | DN | PN | A min | A max | B[5:2] | B[5:3] | C | C[5:1] | H | U | Z | g |
|------------|----------|-----|----|-------|-------|--------|--------|-----|--------|-----|---|----|------|
| FKOVLM160F | 160 - 6" | 150 | 10 | 230 | 242 | 134 | 225 | 330 | 110 | 268 | 8 | 70 | 4100 |
| FKOVLM225F | 225 - 8" | 200 | 10 | 280 | 298 | 161 | 272 | 420 | 122 | 323 | 8 | 71 | 7050 |

FKM

| Reference | d | DN | PN | A min | A max | B[5:2] | B[5:3] | C | C[5:1] | H | U | Z | g |
|---------------|------------|-----|----|-------|-------|--------|--------|-----|--------|-----|----|----|------|
| FKOVLM050FOSF | 50 - 1"1/2 | 40 | 16 | 99 | 109 | 60 | 137 | 175 | 100 | 132 | 4 | 33 | 1000 |
| FKOVLM063FOSF | 63 - 2" | 50 | 16 | 115 | 125,5 | 70 | 143 | 175 | 100 | 147 | 4 | 43 | 1180 |
| FKOVLM075FOSF | 75 - 2"1/2 | 65 | 10 | 128 | 144 | 80 | 164 | 175 | 110 | 165 | 4 | 46 | 1570 |
| FKOVLM090FOSF | 90 - 3" | 80 | 10 | 145 | 160 | 93 | 178 | 272 | 110 | 185 | 12 | 49 | 2020 |
| FKOVLM110FOSF | 110 - 4" | 100 | 10 | 165 | 190 | 107 | 192 | 272 | 110 | 211 | 8 | 56 | 2370 |
| FKOVLM140FOSF | 140 - 5" | 125 | 10 | 204 | 215 | 120 | 212 | 330 | 110 | 240 | 8 | 64 | 3300 |
| FKOVLM160FOSF | 160 - 6" | 150 | 10 | 230 | 242 | 134 | 225 | 330 | 110 | 268 | 8 | 70 | 4100 |

FKOV/LM – 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 PVC-U with through shaft, available in different thermoplastic materials: PP-H, 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 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 to DIN 2501 or ANSI B16.5 cl.150 with **molded-in AISI 316 STAINLESS steel threaded inserts**
- **Valve material compatibility** (PVC-U + EPDM) 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 fitted with plate with rack in PP-GR. For actuated versions with flange drilled according to ISO 5211 F05, 07, F10. DN 250÷400 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