

FKOV/LM – Butterfly valve DN 40:400

Hand operated butterfly valve.

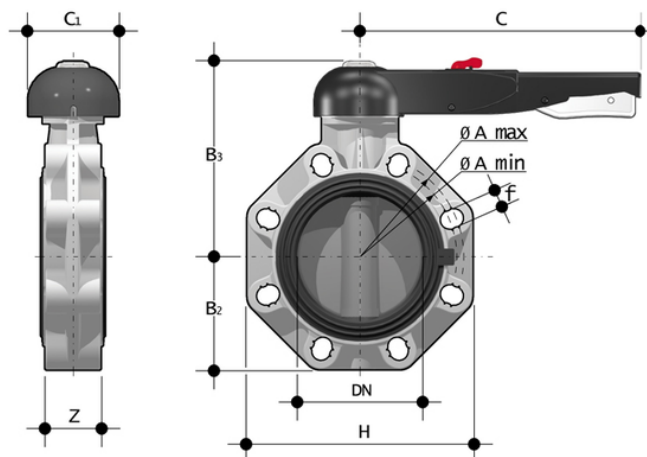
The FK is a butterfly valve for shutting off or regulating flow, with structural characteristics that make it ideal for industrial applications requiring high performance and longterm reliability. This valve is also equipped with the customisable Labelling System.

- **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

All information subject to change.

Please contact us on <https://www.aliaxis.co.uk/get-in-touch> for further informations

FKOV/LM – Butterfly valve DN 40:400



EPDM

Reference	d	DN	PN	A min	A max	B ₂	B ₃	C	C 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 ₂	B ₃	C	C 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
FKOVLM160F	160 - 6"	150	10	230	242	134	225	330	110	268	8	70	4100

All information subject to change.

Please contact us on <https://www.aliasis.co.uk/get-in-touch> for further informations

FKOV/LM – Butterfly valve DN 40:400

Reference	d	DN	PN	A min	A max	B ₂	B ₃	C	C ₁	H	U	Z	g
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 ₂	B ₃	C	C ₁	H	U	Z	g
FKOVLM050F0SF	50 - 1"1/2	40	16	99	109	60	137	175	100	132	4	33	1000
FKOVLM063F0SF	63 - 2"	50	16	115	125,5	70	143	175	100	147	4	43	1180
FKOVLM075F0SF	75 - 2"1/2	65	10	128	144	80	164	175	110	165	4	46	1570
FKOVLM090F0SF	90 - 3"	80	10	145	160	93	178	272	110	185	12	49	2020
FKOVLM110F0SF	110 - 4"	100	10	165	190	107	192	272	110	211	8	56	2370
FKOVLM140F0SF	140 - 5"	125	10	204	215	120	212	330	110	240	8	64	3300
FKOVLM160F0SF	160 - 6"	150	10	230	242	134	225	330	110	268	8	70	4100