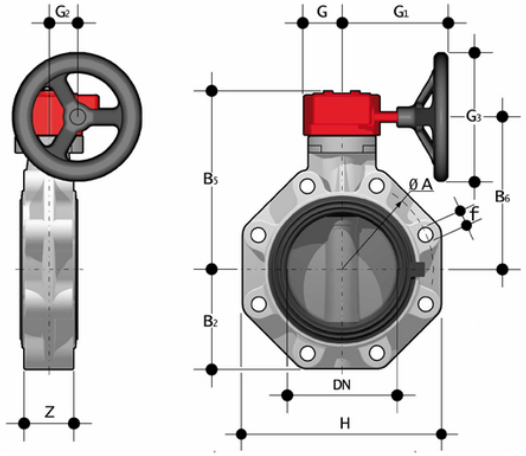
FKOC/RM LUG ISO-DIN - Butterfly valve DN 40:300

Gearbox operated butterfly valve, version Lug ISO-DIN.



EPDM

Reference	d	DN	PN	øA	B_2	B_5	B_6	f	G	G_1	G_2	G_3	H	U	Z	g
FKOLCRM075E	75	65	10	145	80	174	146	M16	48	135	39	125	165	4	46	2908
FKOLCRM090E	90	80	10	160	93	188	160	M16	48	135	39	125	185	12	49	3418
FKOLCRM110E	110	100	10	180	107	202	174	M16	48	135	39	125	211	8	56	4333
FKOLCRM140E	140	125	10	210	120	222	194	M16	48	144	39	200	240	8	64	5432
FKOLCRM160E	160	150	10	240	134	235	207	M20	48	144	39	200	268	8	70	6907
FKOLCRM225E	225	200	10	295	161	287	256	M20	65	204	60	200	323	8	71	10591
FKOLCRM315E	315	300	6	400	245	374	338	M20	88	236	76	250	475	12	114	30400

FKM

Reference	d	DN	PN	øA	B_2	B_5	B_6	f	G	G_1	G_2	G_3	H	U	Z	g
FKOLCRM075F	75	65	10	145	80	174	146	M16	48	135	39	125	165	4	46	2908
FKOLCRM090F	90	80	10	160	93	188	160	M16	48	135	39	125	185	12	49	3418
FKOLCRM110F	110	100	10	180	107	202	174	M16	48	135	39	125	211	8	56	4333
FKOLCRM140F	140	125	10	210	120	222	194	M16	48	144	39	200	240	8	64	5432
FKOLCRM160F	160	150	10	240	134	235	207	M20	48	144	39	200	268	8	70	6907
FKOLCRM225F	225	200	10	295	161	287	256	M20	65	204	60	200	323	8	71	10591

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FKM Silicone Free

Reference	d	DN	PN	øA	B_2	B_5	B_6	f	G	G_1	G_2	G_3	H	U	Z	g
FKOLCRM075F0SF	75	65	10	145	80	174	146	M16	48	135	39	125	165	4	46	2908
FKOLCRM090F0SF	90	80	10	160	93	188	160	M16	48	135	39	125	185	12	49	3418
FKOLCRM110F0SF	110	100	10	180	107	202	174	M16	48	135	39	125	211	8	56	4333
FKOLCRM140F0SF	140	125	10	210	120	222	194	M16	48	144	39	200	240	8	64	5432
FKOLCRM160F0SF	160	150	10	240	134	235	207	M20	48	144	39	200	268	8	70	6907

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- 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÷300: 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-C with through shaft, available in different thermoplastic materials: PVC-U, PP-H, 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**
- Possibility of installing a manual reducer or pneumatic and/or electric actuators by applying ISO standard drilling pattern 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, F07, F10
- DN 250÷300 valve, fitted with one-piece top flange in high mechanical strength PP-GR with mounting flange for internal components with drilling according to standard ISO 5211 F10, F12, F14
- Possibility to have handle with integrated LSQT limit micro switch, even as a retrofit in existing installations