DKLUIC – DIALOCKB 2-WAY Βάνες Διαφράγματος
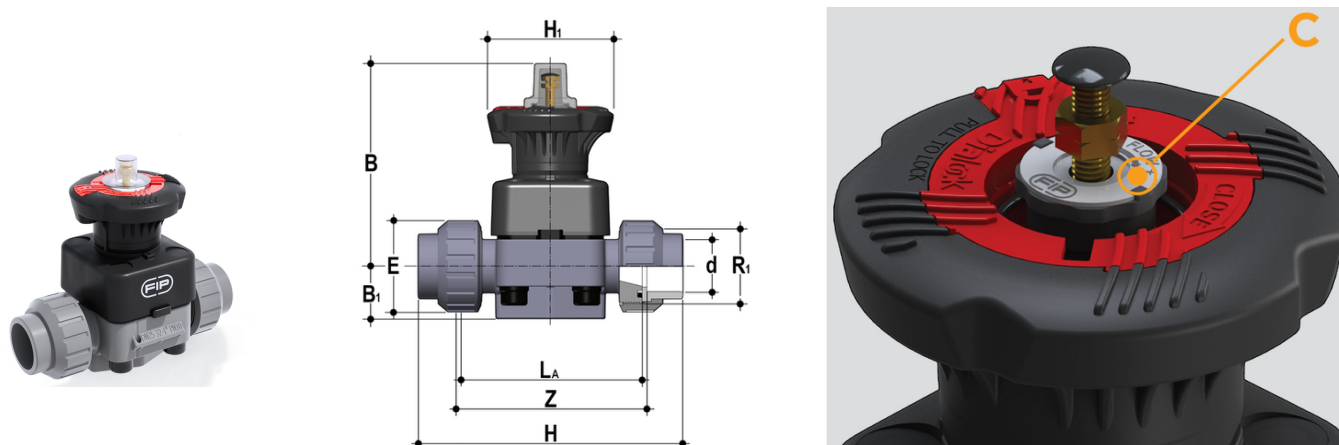
DIALOCK[B] diaphragm valve with stroke limiter and female union ends for solvent welding, metric series

EPDM

Κωδικός Προϊόντος	d	DN	PN	B	B[5:1]	E	H	H[5:1]	La	R[5:1]	Z	g
DKLUIC020E	20	15	10	115	25	41	129	80	90	1"	100	539
DKLUIC025E	25	20	10	118	30	50	154	80	108	1"1/4	116	606
DKLUIC032E	32	25	10	127	33	58	168	80	116	1"1/2	124	842
DKLUIC040E	40	32	10	132	30	72	192	80	134	2"	140	975
DKLUIC050E	50	40	10	175	35	79	222	120	154	2"1/4	160	1874
DKLUIC063E	63	50	10	200	46	98	266	120	184	2"3/4	190	2812

FKM

Κωδικός Προϊόντος	d	DN	PN	B	B[5:1]	E	H	H[5:1]	La	R[5:1]	Z	g
DKLUIC020F	20	15	10	115	25	41	129	80	90	1"	100	539
DKLUIC025F	25	20	10	118	30	50	154	80	108	1"1/4	116	606
DKLUIC032F	32	25	10	127	33	58	168	80	116	1"1/2	124	842
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DKLUIC063F	63	50	10	200	46	98	266	120	184	2"3/4	190	2812

PTFE

Κωδικός Προϊόντος	d	DN	PN	B	B[5:1]	E	H	H[5:1]	La	R[5:1]	Z	g
DKLUIC025P	25	20	10	118	30	50	154	80	108	1"1/4	116	606
DKLUIC032P	32	25	10	127	33	58	168	80	116	1"1/2	124	842
DKLUIC040P	40	32	10	132	30	72	192	80	134	2"	140	975

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Κωδικός προϊόντος	d	DN	PN	B	B[5:1]	E	H	H[5:1]	La	R[5:1]	Z	g
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DKLUIC – DIALOCKB 2-WAY Βάνες Διαφράγματος

- **High visibility graduated optical position indicator** protected by a transparent cap with seal O-Ring
- **Customisation plate:** the customisation lets you identify the valve on the system according to specific needs
- **DIALOCKB SYSTEM:** innovative handwheel with a patented immediate and ergonomic operating locking device that allows it **to be adjusted and locked in over 300 positions**
- **Handwheel and bonnet in** high mechanical strength and chemically resistant **PP-GR**, providing full protection by isolating all internal metal parts from contact with external agents
- **Floating pin connection** between the control screw and diaphragm to prevent concentrated loads, improve the seal and extend its lifetime
- **New design of valve body interior: substantially increased flow coefficient** and reduced pressure drop. The degree of efficiency reached has also **enabled the size and weight of the valve to be reduced**
- **Adjustment linearity:** the internal profiles of the valve also greatly improve its characteristic curve, resulting in **extremely sensitive and precise adjustment** along the entire stroke of the shutter
- **Valve anchoring** bracket **integrated in the body**, with threaded metal inserts allowing **simple panel or wall mounting** using the PMDK mounting plate (supplied as an accessory)

- Connection system for solvent weld, threaded and flanged joints
- **Optimised fluid dynamic design**: maximum output flow rate thanks to the optimised efficiency of the fluid dynamics that characterise the new internal geometry of the body
- **Internal components in metal, totally isolated from the fluid** and external environment
- **Modularity of the range:** only 2 handwheel and 4 diaphragm and bonnet sizes for 7 different valve sizes
- Non-rising handwheel that stays at the same height during rotation, equipped with a graduated optical indicator protected by a transparent PVC cap with seal O-Ring
- Bonnet fastening screws in stainless steel protected against the external environment by PE plugs. Absence of metal parts exposed to the external environment to prevent any risk of corrosion.
- **CDSA** (Circular Diaphragm Sealing Angle) system that, thanks to the uniform distribution of shutter pressure on the diaphragm seal, offers the following advantages:
- reduction in the tightening torque of the screws fixing the actuator to the valve body
- reduced mechanical stress on all valve components (actuator, body and diaphragm)
- easy to clean valve interior
- low risk of the accumulation of deposits, contamination or damage to the diaphragm due to crystallisation
- operating torque reduction