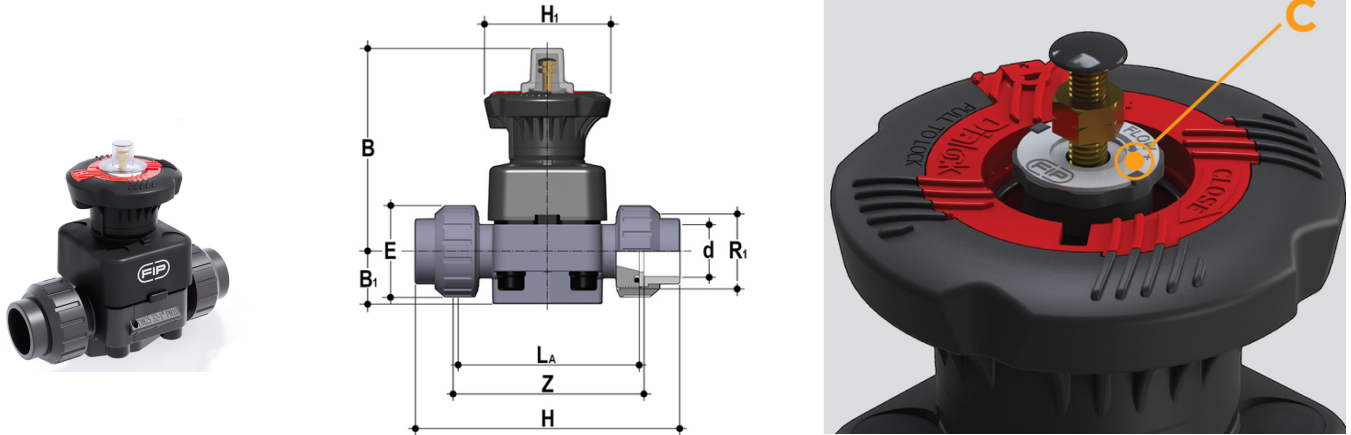


# DKLUIV - DIALOCKB 2-way Βάνα Διαφράγματος

DIALOCK<sup>B</sup> diaphragm valve with stroke limiter and female union ends for solvent welding, metric series



## EPDM

Κωδικός Προϊόντος	Σύστημα	d	DN	PN	B	B[5:1]	E	H	H[5:1]	La	R[5:1]	Z	g
DKLUIV020E	Σύστημα PVC-U	20	15	10	115	25	41	129	80	90	1"	100	530
DKLUIV025E	Σύστημα PVC-U	25	20	10	118	30	50	154	80	108	1 1/4"	116	592
DKLUIV032E	Σύστημα PVC-U	32	25	10	127	33	58	168	80	116	1 1/2"	124	820
DKLUIV040E	Σύστημα PVC-U	40	32	10	132	30	72	192	80	134	2"	140	946
DKLUIV050E	Σύστημα PVC-U	50	40	10	175	35	79	222	120	154	2 1/4"	160	1828
DKLUIV063E	Σύστημα PVC-U	63	50	10	200	46	98	266	120	184	2 3/4"	190	2728

## FKM

Κωδικός Προϊόντος	Σύστημα	d	DN	PN	B	B[5:1]	E	H	H[5:1]	La	R[5:1]	Z	g
DKLUIV020F	Σύστημα PVC-U	20	15	10	115	25	41	129	80	90	1"	100	530
DKLUIV025F	Σύστημα PVC-U	25	20	10	118	30	50	154	80	108	1 1/4"	116	592
DKLUIV032F	Σύστημα PVC-U	32	25	10	127	33	58	168	80	116	1 1/2"	124	820
DKLUIV040F	Σύστημα PVC-U	40	32	10	132	30	72	192	80	134	2"	140	946
DKLUIV050F	Σύστημα PVC-U	50	40	10	175	35	79	222	120	154	2 1/4"	160	1828
DKLUIV063F	Σύστημα PVC-U	63	50	10	200	46	98	266	120	184	2 3/4"	190	2728

## PTFE

Κωδικός Προϊόντος	Σύστημα	d	DN	PN	B	B[5:1]	E	H	H[5:1]	La	R[5:1]	Z	g
DKLUIV020P	Σύστημα PVC-U	20	15	10	115	25	41	129	80	90	1"	100	530
DKLUIV025P	Σύστημα PVC-U	25	20	10	118	30	50	154	80	108	1 1/4"	116	592
DKLUIV032P	Σύστημα PVC-U	32	25	10	127	33	58	168	80	116	1 1/2"	124	820

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Κωδικός Προϊόντος	Σύστημα	d	DN	PN	B	B[5:1]	E	H	H[5:1]	La	R[5:1]	Z	g
DKLUIV040P	Σύστημα PVC-U	40	32	10	132	30	72	192	80	134	2&quot;	140	946
DKLUIV050P	Σύστημα PVC-U	50	40	10	175	35	79	222	120	154	2&quot;1/4	160	1828
DKLUIV063P	Σύστημα PVC-U	63	50	10	200	46	98	266	120	184	2&quot;3/4	190	2728

# DKLUIV - DIALOCKB 2-way Βάνα 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