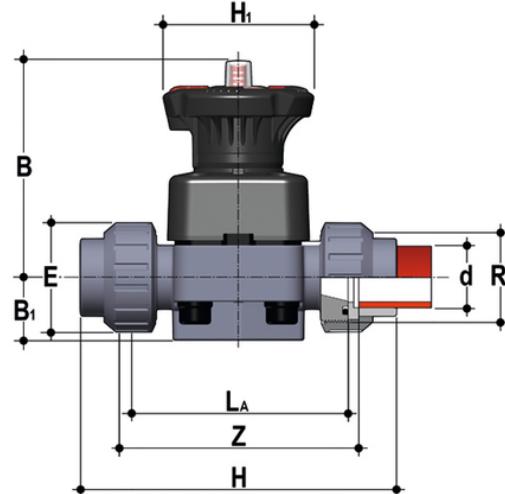


# DKUIM - DIALOCKB 2-way Βάνα Διαφράγματος

DIALOCK<sup>B</sup> diaphragm valve with female union ends for socket welding, metric series



## EPDM

Κωδικός προϊόντος	tooltiplimage	d	DN	PN	B	B[5:1]	E	H	H[5:1]	L <sub>a</sub>	R[5:1]	Z	g
DKUIM020E	-	20	15	10	102	25	41	129	80	90	1&quot;	100	457
DKUIM025E	-	25	20	10	105	30	50	154	80	108	1&quot;1/4	116	500
DKUIM032E	-	32	25	10	114	33	58	168	80	116	1&quot;1/2	124	695
DKUIM040E	-	40	32	10	119	30	72	192	80	134	2&quot;	140	781
DKUIM050E	-	50	40	10	149	35	79	222	120	154	2&quot;1/4	160	1557
DKUIM063E	-	63	50	10	172	46	98	266	120	184	2&quot;3/4	190	2293

## EPDM

Κωδικός προϊόντος	tooltiplimage	d	DN	PN	B	B[5:1]	E	H	H[5:1]	L <sub>a</sub>	R[5:1]	Z	g
DKUIM020EOSF	-	20	15	10	102	25	41	129	80	90	1&quot;	100	457
DKUIM025EOSF	-	25	20	10	105	30	50	154	80	108	1&quot;1/4	116	500
DKUIM032EOSF	-	32	25	10	114	33	58	168	80	116	1&quot;1/2	124	695
DKUIM040EOSF	-	40	32	10	119	30	72	192	80	134	2&quot;	140	781
DKUIM050EOSF	-	50	40	10	149	35	79	222	120	154	2&quot;1/4	160	1557
DKUIM063EOSF	-	63	50	10	172	46	98	266	120	184	2&quot;3/4	190	2293

## FKM



# DKUIM - DIALOCKB 2-way Βάνα Διαφράγματος

Κωδικός Προϊόντος	tooltipImage	d	DN	PN	B	B[5:1]	E	H	H[5:1]	La	R[5:1]	Z	g
DKUIM020F	-	20	15	10	102	25	41	129	80	90	1&quot;	100	457
DKUIM025F	-	25	20	10	105	30	50	154	80	108	1&quot;1/4	116	500
DKUIM032F	-	32	25	10	114	33	58	168	80	116	1&quot;1/2	124	695
DKUIM040F	-	40	32	10	119	30	72	192	80	134	2&quot;	140	781
DKUIM050F	-	50	40	10	149	35	79	222	120	154	2&quot;1/4	160	1557
DKUIM063F	-	63	50	10	172	46	98	266	120	184	2&quot;3/4	190	2293

## PTFE

Κωδικός Προϊόντος	tooltipImage	d	DN	PN	B	B[5:1]	E	H	H[5:1]	La	R[5:1]	Z	g
DKUIM020P	-	20	15	10	102	25	41	129	80	90	1&quot;	100	457
DKUIM025P	-	25	20	10	105	30	50	154	80	108	1&quot;1/4	116	500
DKUIM032P	-	32	25	10	114	33	58	168	80	116	1&quot;1/2	124	695
DKUIM040P	-	40	32	10	119	30	72	192	80	134	2&quot;	140	781
DKUIM050P	-	50	40	10	149	35	79	222	120	154	2&quot;1/4	160	1557
DKUIM063P	-	63	50	10	172	46	98	266	120	184	2&quot;3/4	190	2293

## PTFE

Κωδικός Προϊόντος	tooltipImage	d	DN	PN	B	B[5:1]	E	H	H[5:1]	La	R[5:1]	Z	g
DKUIM020POSF	-	20	15	10	102	25	41	129	80	90	1&quot;	100	457
DKUIM025POSF	-	25	20	10	105	30	50	154	80	108	1&quot;1/4	116	500
DKUIM032POSF	-	32	25	10	114	33	58	168	80	116	1&quot;1/2	124	695
DKUIM040POSF	-	40	32	10	119	30	72	192	80	134	2&quot;	140	781
DKUIM050POSF	-	50	40	10	149	35	79	222	120	154	2&quot;1/4	160	1557
DKUIM063POSF	-	63	50	10	172	46	98	266	120	184	2&quot;3/4	190	2293

# DKUIM – 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