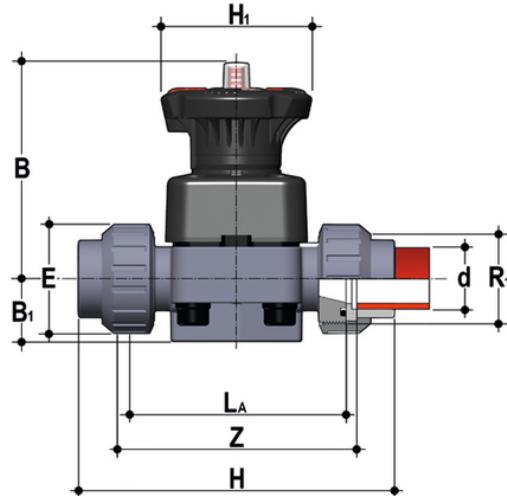


DKUIM - DIALOCK® 2-way diaphragm valve DN 15:65

DIALOCK® diaphragm valve with female union ends for socket welding, metric series.



EPDM

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

EPDM

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

FKM



DKUIM - DIALOCK® 2-way diaphragm valve DN 15:65

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

PTFE

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

PTFE

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

DKUIM - DIALOCK® 2-way diaphragm valve DN 15:65

- 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
- DIALOCK® 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