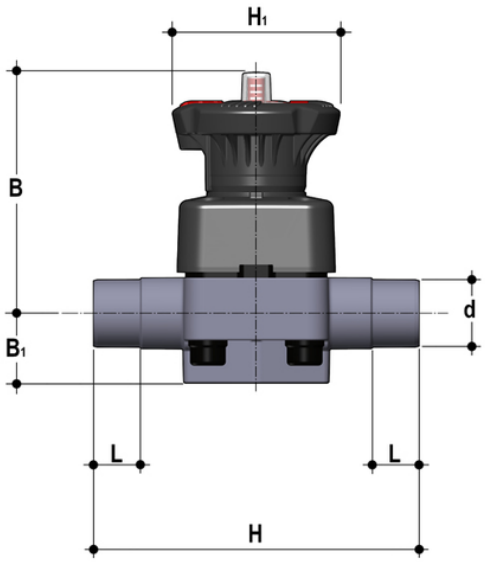
DKDC - DIALOCK® 2-way diaphragm valve DN 15:65

DIALOCK® diaphragm valve with male ends for solvent welding, metric series.



EPDM

Reference	system	Category	family	series	d	DN	PN	B	B_1	H	H_1	L	g
DKDC020E	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	20	15	10	102	25	124	80	16	466
DKDC025E	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	25	20	10	105	30	144	80	19	491
DKDC032E	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	32	25	10	114	33	154	80	22	696
DKDC040E	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	40	32	10	119	30	174	80	26	743
DKDC050E	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	50	40	10	149	35	194	120	31	1574
DKDC063E	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	63	50	10	172	46	224	120	38	2310
DKDC075E	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	75	65	10	172	46	284	120	44	2430

EPDM

Reference	system	Category	family	series	d	DN	PN	B	B_1	H	H_1	L	g
DKDC020E0SF	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	20	15	10	102	25	124	80	16	466
DKDC025E0SF	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	25	20	10	105	30	144	80	19	491
DKDC032E0SF	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	32	25	10	114	33	154	80	22	696
DKDC040E0SF	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	40	32	10	119	30	174	80	26	743
DKDC050E0SF	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	50	40	10	149	35	194	120	31	1574
DKDC063E0SF	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	63	50	10	172	46	224	120	38	2310
DKDC075E0SF	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	75	65	10	172	46	284	120	44	2430

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

FKM

Reference	system	Category	family	series	d	DN	PN	B	B_1	H	H_1	L	g
DKDC020F	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	20	15	10	102	25	124	80	16	466
DKDC025F	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	25	20	10	105	30	144	80	19	491
DKDC032F	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	32	25	10	114	33	154	80	22	696
DKDC040F	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	40	32	10	119	30	174	80	26	743
DKDC050F	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	50	40	10	149	35	194	120	31	1574
DKDC063F	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	63	50	10	172	46	224	120	38	2310
DKDC075F	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	75	65	10	172	46	284	120	44	2430

PTFE

Reference	system	Category	family	series	d	DN	PN	B	B_1	H	H_1	L	g
DKDC020P	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	20	15	10	102	25	124	80	16	466
DKDC025P	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	25	20	10	105	30	144	80	19	491
DKDC032P	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	32	25	10	114	33	154	80	22	696
DKDC040P	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	40	32	10	119	30	174	80	26	743
DKDC050P	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	50	40	10	149	35	194	120	31	1574
DKDC063P	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	63	50	10	172	46	224	120	38	2310
DKDC075P	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	75	65	10	172	46	284	120	44	2430

PTFE

Reference	system	Category	family	series	d	DN	PN	B	B_1	H	H_1	L	g
DKDC020P0SF	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	20	15	10	102	25	124	80	16	466
DKDC025P0SF	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	25	20	10	105	30	144	80	19	491
DKDC032P0SF	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	32	25	10	114	33	154	80	22	696
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DKDC050P0SF	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	50	40	10	149	35	194	120	31	1574
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DKDC075P0SF	PVC-C system	Manual valves	Diaphragm valves	DK DN 15÷65	75	65	10	172	46	284	120	44	2430

DKDC - 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