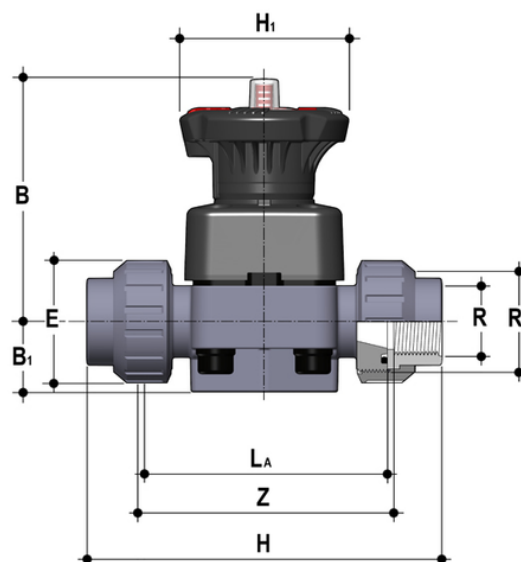


DKUFC - DIALOCK® 2-WAY DIAPHRAGM VALVE

DIALOCK® diaphragm valve with BSP threaded female union ends



EPDM

| Objednací číslo | Materiál | Kategorie | Série | product.detail.attribute.R | DN | PN | B | B (5:1) | E | H | H (5:1) | La | product.detail.attribute.R[5:1] | Z | g |
|-----------------|--------------|-----------|-------------|----------------------------|----|----|-----|---------|----|-----|---------|-----|---------------------------------|-----|------|
| DKUFC012E | PVC-C system | Armatury | DK DN 15÷65 | 1/2" | 15 | 10 | 102 | 25 | 41 | 131 | 80 | 90 | 1" | 97 | 509 |
| DKUFC034E | PVC-C system | Armatury | DK DN 15÷65 | 3/4" | 20 | 10 | 105 | 30 | 50 | 151 | 80 | 108 | 1"/4 | 118 | 576 |
| DKUFC100E | PVC-C system | Armatury | DK DN 15÷65 | 1" | 25 | 10 | 114 | 33 | 58 | 165 | 80 | 116 | 1"/2 | 127 | 812 |
| DKUFC114E | PVC-C system | Armatury | DK DN 15÷65 | 1"/4 | 32 | 10 | 119 | 30 | 72 | 188 | 80 | 134 | 2" | 145 | 945 |
| DKUFC112E | PVC-C system | Armatury | DK DN 15÷65 | 1"/2 | 40 | 10 | 149 | 35 | 79 | 208 | 120 | 154 | 1"/2 | 165 | 1814 |
| DKUFC200E | PVC-C system | Armatury | DK DN 15÷65 | 2" | 50 | 10 | 172 | 46 | 98 | 246 | 120 | 184 | 3/4" | 195 | 2752 |

FKM

DKUFC - DIALOCK® 2-WAY DIAPHRAGM VALVE

| Objednací číslo | Materiál | Kategorie | Série | product.detail.attribute.R | DN | PN | B | B (5:1) | E | H | H (5:1) | La | product.detail.attribute.R[5:1] | Z | g |
|-----------------|--------------|-----------|-------------|----------------------------|----|----|-----|---------|----|-----|---------|-----|---------------------------------|-----|------|
| DKUFC012F | PVC-C system | Armatury | DK DN 15÷65 | 1/2" | 15 | 10 | 102 | 25 | 41 | 131 | 80 | 90 | 1" | 97 | 509 |
| DKUFC034F | PVC-C system | Armatury | DK DN 15÷65 | 3/4" | 20 | 10 | 105 | 30 | 50 | 151 | 80 | 108 | 1"/4 | 118 | 576 |
| DKUFC100F | PVC-C system | Armatury | DK DN 15÷65 | 1" | 25 | 10 | 114 | 33 | 58 | 165 | 80 | 116 | 1"/2 | 127 | 812 |
| DKUFC114F | PVC-C system | Armatury | DK DN 15÷65 | 1"/4 | 32 | 10 | 119 | 30 | 72 | 188 | 80 | 134 | 2" | 145 | 945 |
| DKUFC112F | PVC-C system | Armatury | DK DN 15÷65 | 1"/2 | 40 | 10 | 149 | 35 | 79 | 208 | 120 | 154 | 2"/2 | 165 | 1814 |
| DKUFC200F | PVC-C system | Armatury | DK DN 15÷65 | 2" | 50 | 10 | 172 | 46 | 98 | 246 | 120 | 184 | 2"/3/4 | 195 | 2752 |

PTFE

| Objednací číslo | Materiál | Kategorie | Série | product.detail.attribute.R | DN | PN | B | B (5:1) | E | H | H (5:1) | La | product.detail.attribute.R[5:1] | Z | g |
|-----------------|--------------|-----------|-------------|----------------------------|----|----|-----|---------|----|-----|---------|-----|---------------------------------|-----|------|
| DKUFC012P | PVC-C system | Armatury | DK DN 15÷65 | 1/2" | 15 | 10 | 102 | 25 | 41 | 131 | 80 | 90 | 1" | 97 | 509 |
| DKUFC034P | PVC-C system | Armatury | DK DN 15÷65 | 3/4" | 20 | 10 | 105 | 30 | 50 | 151 | 80 | 108 | 1"/4 | 118 | 576 |
| DKUFC100P | PVC-C system | Armatury | DK DN 15÷65 | 1" | 25 | 10 | 114 | 33 | 58 | 165 | 80 | 116 | 1"/2 | 127 | 812 |
| DKUFC114P | PVC-C system | Armatury | DK DN 15÷65 | 1"/4 | 32 | 10 | 119 | 30 | 72 | 188 | 80 | 134 | 2" | 145 | 945 |
| DKUFC112P | PVC-C system | Armatury | DK DN 15÷65 | 1"/2 | 40 | 10 | 149 | 35 | 79 | 208 | 120 | 154 | 2"/2 | 165 | 1814 |
| DKUFC200P | PVC-C system | Armatury | DK DN 15÷65 | 2" | 50 | 10 | 172 | 46 | 98 | 246 | 120 | 184 | 2"/3/4 | 195 | 2752 |

DKUFC - DIALOCK® 2-WAY DIAPHRAGM VALVE

- **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