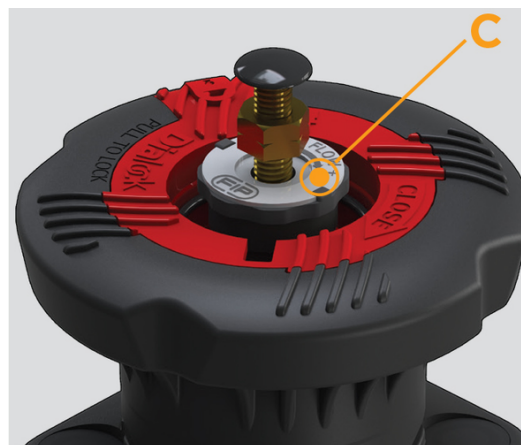
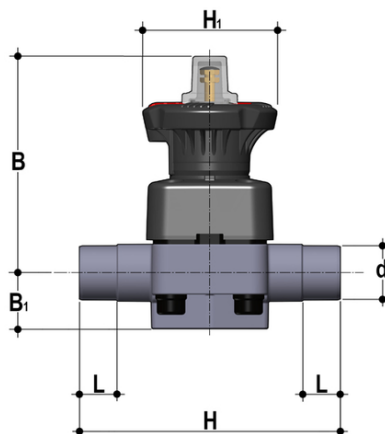


# DKLDC – DIALOCK® 2-WAY DIAPHRAGM VALVE

DIALOCK® diaphragm valve with stroke limiter and male ends for solvent welding, metric series



## EPDM

| Objednací číslo | Materiál     | Kategorie | Série       | d  | DN | PN | B   | B (5:1) | H   | H (5:1) | L  | g    |
|-----------------|--------------|-----------|-------------|----|----|----|-----|---------|-----|---------|----|------|
| DKLDC020E       | PVC-C system | Armatury  | DK DN 15÷65 | 20 | 15 | 10 | 115 | 25      | 124 | 80      | 16 | 496  |
| DKLDC025E       | PVC-C system | Armatury  | DK DN 15÷65 | 25 | 20 | 10 | 118 | 30      | 144 | 80      | 19 | 521  |
| DKLDC032E       | PVC-C system | Armatury  | DK DN 15÷65 | 32 | 25 | 10 | 127 | 33      | 154 | 80      | 22 | 726  |
| DKLDC040E       | PVC-C system | Armatury  | DK DN 15÷65 | 40 | 32 | 10 | 132 | 30      | 174 | 80      | 26 | 773  |
| DKLDC050E       | PVC-C system | Armatury  | DK DN 15÷65 | 50 | 40 | 10 | 175 | 35      | 194 | 120     | 31 | 1634 |
| DKLDC063E       | PVC-C system | Armatury  | DK DN 15÷65 | 63 | 50 | 10 | 200 | 46      | 224 | 120     | 38 | 2370 |
| DKLDC075E       | PVC-C system | Armatury  | DK DN 15÷65 | 75 | 65 | 10 | 200 | 46      | 284 | 120     | 44 | 2490 |

## FKM

| Objednací číslo | Materiál     | Kategorie | Série       | d  | DN | PN | B   | B (5:1) | H   | H (5:1) | L  | g    |
|-----------------|--------------|-----------|-------------|----|----|----|-----|---------|-----|---------|----|------|
| DKLDC020F       | PVC-C system | Armatury  | DK DN 15÷65 | 20 | 15 | 10 | 115 | 25      | 124 | 80      | 16 | 496  |
| DKLDC025F       | PVC-C system | Armatury  | DK DN 15÷65 | 25 | 20 | 10 | 118 | 30      | 144 | 80      | 19 | 521  |
| DKLDC032F       | PVC-C system | Armatury  | DK DN 15÷65 | 32 | 25 | 10 | 127 | 33      | 154 | 80      | 22 | 726  |
| DKLDC040F       | PVC-C system | Armatury  | DK DN 15÷65 | 40 | 32 | 10 | 132 | 30      | 174 | 80      | 26 | 773  |
| DKLDC050F       | PVC-C system | Armatury  | DK DN 15÷65 | 50 | 40 | 10 | 175 | 35      | 194 | 120     | 31 | 1634 |
| DKLDC063F       | PVC-C system | Armatury  | DK DN 15÷65 | 63 | 50 | 10 | 200 | 46      | 224 | 120     | 38 | 2370 |
| DKLDC075F       | PVC-C system | Armatury  | DK DN 15÷65 | 75 | 65 | 10 | 200 | 46      | 284 | 120     | 44 | 2490 |

## PTFE

# DKLDC – DIALOCK® 2-WAY DIAPHRAGM VALVE

| Objednací číslo | Materiál     | Kategorie | Série       | d  | DN | PN | B   | B (5:1) | H   | H (5:1) | L  | g    |
|-----------------|--------------|-----------|-------------|----|----|----|-----|---------|-----|---------|----|------|
| DKLDC020P       | PVC-C system | Armatury  | DK DN 15÷65 | 20 | 15 | 10 | 115 | 25      | 124 | 80      | 16 | 496  |
| DKLDC025P       | PVC-C system | Armatury  | DK DN 15÷65 | 25 | 20 | 10 | 118 | 30      | 144 | 80      | 19 | 521  |
| DKLDC032P       | PVC-C system | Armatury  | DK DN 15÷65 | 32 | 25 | 10 | 127 | 33      | 154 | 80      | 22 | 726  |
| DKLDC040P       | PVC-C system | Armatury  | DK DN 15÷65 | 40 | 32 | 10 | 132 | 30      | 174 | 80      | 26 | 773  |
| DKLDC050P       | PVC-C system | Armatury  | DK DN 15÷65 | 50 | 40 | 10 | 175 | 35      | 194 | 120     | 31 | 1634 |
| DKLDC063P       | PVC-C system | Armatury  | DK DN 15÷65 | 63 | 50 | 10 | 200 | 46      | 224 | 120     | 38 | 2370 |
| DKLDC075P       | PVC-C system | Armatury  | DK DN 15÷65 | 75 | 65 | 10 | 200 | 46      | 284 | 120     | 44 | 2490 |

# DKLDC – 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