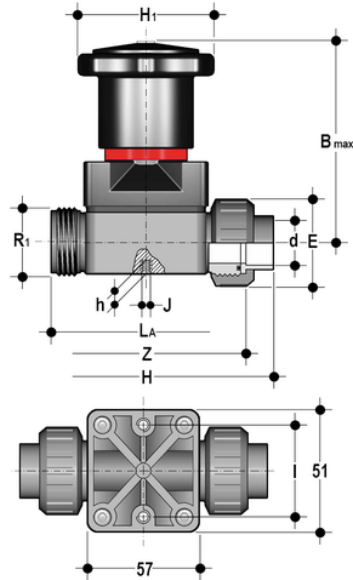


CMUIC - Compact diaphragm valve DN 12:15

Compact diaphragm valve with female union ends for solvent welding.



EPDM

| Reference | tooltiplmage | system | Category | family | series | d | DN | PN | B _{max} | E | H | H ₁ | h | l | J | LA | R ₁ | Z | g |
|-----------|--------------|--------------|---------------|------------------|-------------|----|----|----|------------------|----|-------|----------------|---|----|----|----|----------------|------|-----|
| CMUIC020E | - | PVC-C system | Manual valves | Diaphragm valves | CM DN 12÷15 | 20 | 15 | 6 | 86 | 41 | 129,5 | 58,5 | 8 | 35 | M5 | 90 | 1" | 97,5 | 310 |

FKM

| Reference | tooltiplmage | system | Category | family | series | d | DN | PN | B _{max} | E | H | H ₁ | h | l | J | LA | R ₁ | Z | g |
|-----------|--------------|--------------|---------------|------------------|-------------|----|----|----|------------------|----|-------|----------------|---|----|----|----|----------------|------|-----|
| CMUIC020F | - | PVC-C system | Manual valves | Diaphragm valves | CM DN 12÷15 | 20 | 15 | 6 | 86 | 41 | 129,5 | 58,5 | 8 | 35 | M5 | 90 | 1" | 97,5 | 310 |

PTFE

| Reference | tooltiplmage | system | Category | family | series | d | DN | PN | B _{max} | E | H | H ₁ | h | l | J | LA | R ₁ | Z | g |
|-----------|--------------|--------------|---------------|------------------|-------------|----|----|----|------------------|----|-------|----------------|---|----|----|----|----------------|------|-----|
| CMUIC020P | - | PVC-C system | Manual valves | Diaphragm valves | CM DN 12÷15 | 20 | 15 | 6 | 86 | 41 | 129,5 | 58,5 | 8 | 35 | M5 | 90 | 1" | 97,5 | 310 |

CMUIC – Compact diaphragm valve DN 12:15

- **Handwheel in PA-GR, completely sealed**, high mechanical strength with ergonomic grip for optimum manageability
- **Integrated adjustable torque limiter** designed to prevent excessive compression of the diaphragm and always guarantee a minimum fluid flow
- **Optical position indicator** supplied as standard
- **Bonnet in PA-GR with STAINLESS steel nuts** fully protected by plastic plugs to eliminate zones where impurities may accumulate. Internal circular and symmetrical diaphragm sealing area
- **STAINLESS steel bolts**, can also be inserted from above
- **Threaded metal inserts** for anchoring the valve

- Connection system for solvent weld and threaded joints
- Extremely compact construction
- **Internal operating components in metal totally isolated from the conveyed fluid**
- Valve stem in STAINLESS steel
- **Compressor with floating diaphragm support**
- Easy to replace diaphragm seal
- Corrosion-proof internal components
- **CDSA** (Circular Diaphragm Sealing Angle) system offering the following advantages:
 - uniform distribution of shutter pressure on the diaphragm seal
 - reduction in the tightening torque of the crews 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 eposits, contamination or damage to the diaphragm due to crystallisation
 - operating torque reduction