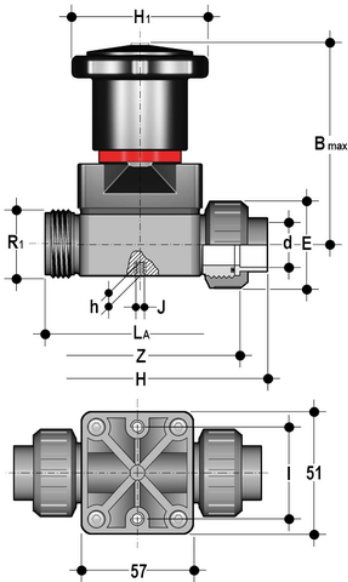




# CMUIC – Compact diaphragm valve DN 12:15

Compact diaphragm valve with female union ends for solvent welding.



EPDM

| Reference | d  | DN | PN | B max | E  | H     | H[5:1] | h | I  | J  | LA | R <sub>1</sub> | Z    | g   |
|-----------|----|----|----|-------|----|-------|--------|---|----|----|----|----------------|------|-----|
| CMUIC020E | 20 | 15 | 6  | 86    | 41 | 129,5 | 58,5   | 8 | 35 | M5 | 90 | 1"             | 97,5 | 310 |

FKM

| Reference | d  | DN | PN | B max | E  | H     | H[5:1] | h | I  | J  | LA | R <sub>1</sub> | Z    | g   |
|-----------|----|----|----|-------|----|-------|--------|---|----|----|----|----------------|------|-----|
| CMUIC020F | 20 | 15 | 6  | 86    | 41 | 129,5 | 58,5   | 8 | 35 | M5 | 90 | 1"             | 97,5 | 310 |

PTFE

| Reference | d  | DN | PN | B max | E  | H     | H[5:1] | h | I  | J  | LA | R <sub>1</sub> | Z    | g   |
|-----------|----|----|----|-------|----|-------|--------|---|----|----|----|----------------|------|-----|
| CMUIC020P | 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