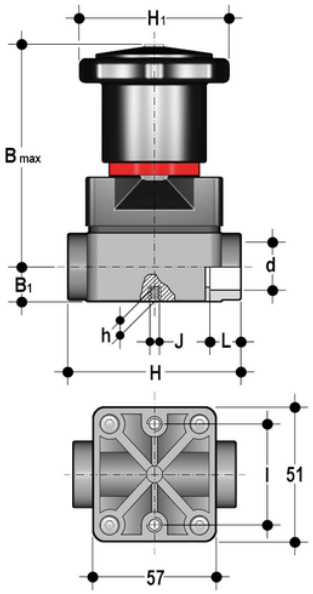
# CMIM - Compact diaphragm valve DN 12:15

Compact diaphragm valve with female ends for socket welding, metric series.




## EPDM

| Reference | system | Category | family | series | d | DN | PN | B max | $B_1$ | H | $H_1$ | h | l | J | L | g |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CMIM016E | PP-H system | Manual valves | Diaphragm valves | CM DN 12÷15 | 16 | 12 | 6 | 86 | 15 | 75 | 59 | 8 | 35 | M5 | 14 | 240 |
| CMIM020E | PP-H system | Manual valves | Diaphragm valves | CM DN 12÷15 | 20 | 15 | 6 | 86 | 15 | 75 | 59 | 8 | 35 | M5 | 16 | 240 |

## FKM

| Reference | system | Category | family | series | d | DN | PN | B max | $B_1$ | H | $H_1$ | h | l | J | L | g |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CMIM016F | PP-H system | Manual valves | Diaphragm valves | CM DN 12÷15 | 16 | 12 | 6 | 86 | 15 | 75 | 59 | 8 | 35 | M5 | 14 | 240 |
| CMIM020F | PP-H system | Manual valves | Diaphragm valves | CM DN 12÷15 | 20 | 15 | 6 | 86 | 15 | 75 | 59 | 8 | 35 | M5 | 16 | 240 |

## PTFE

| Reference | system | Category | family | series | d | DN | PN | B max | $B_1$ | H | $H_1$ | h | l | J | L | g |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CMIM016P | PP-H system | Manual valves | Diaphragm valves | CM DN 12÷15 | 16 | 12 | 6 | 86 | 15 | 75 | 59 | 8 | 35 | M5 | 14 | 240 |
| CMIM020P | PP-H system | Manual valves | Diaphragm valves | CM DN 12÷15 | 20 | 15 | 6 | 86 | 15 | 75 | 59 | 8 | 35 | M5 | 16 | 240 |

# CMIM - 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