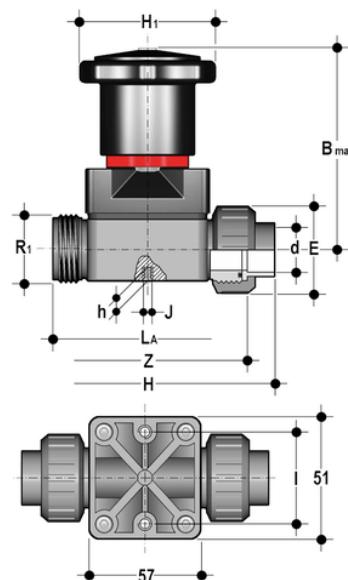


# CMUIM – Compact diaphragm valve DN 12:15

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

The CM is a manually operated diaphragm valve of reduced dimensions and particularly compact structure, ideal for use in confined spaces.

- **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



**EPDM**

All information subject to change.

Please contact us on <https://www.aliaxis.co.uk/get-in-touch> for further informations

# CMUIM – Compact diaphragm valve DN 12:15

Reference	d	DN	PN	B max	E	H	H1	h	I	J	L <sub>a</sub>	R <sub>1</sub>	z	g
CMUIM020E	20	15	6	86	47,5	130	59	8	35	M5	90	1"	98	255

## FKM

Reference	d	DN	PN	B max	E	H	H1	h	I	J	L <sub>a</sub>	R <sub>1</sub>	z	g
CMUIM020F	20	15	6	86	47,5	130	59	8	35	M5	90	1"	98	255

## PTFE

Reference	d	DN	PN	B max	E	H	H1	h	I	J	L <sub>a</sub>	R <sub>1</sub>	z	g
CMUIM020P	20	15	6	86	47,5	130	59	8	35	M5	90	1"	98	255

All information subject to change.

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