

## Manual Valve DN 15 - 50 mm (3/4" - 2 1/2")



### Features

- Plastic bonnet and plastic hand wheel
- Non rising hand wheel with optical indicator
- Flexible diaphragm suspension
- Encapsulated diaphragm
- CDSA sealing concept, see page 32
- Locking device

The system can be engaged by simply lifting the handwheel once the required position has been reached.

To release the operating mechanism, simply return the handwheel to its previous position by pushing it downwards.

When the system is in the locked position, u-lock can be installed to protect the plant against unwanted interference.

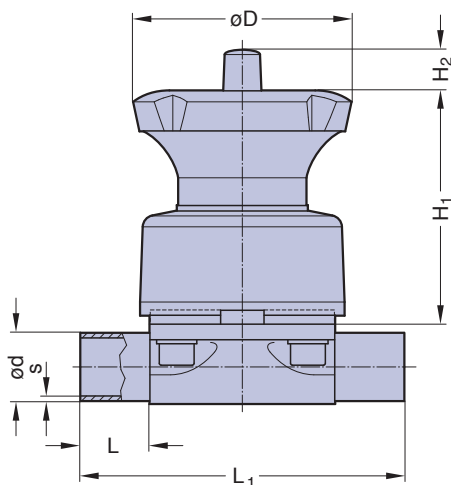
### Optional

- Adjustable stroke limiter on top

### Technical Data

Control function:	Manually operated
Max. working pressure:	10 bar (150 psi)
Max. working temperature:	80°C (176°F)
Diaphragm material:	dependent on application EPDM or PTFE
Valve body material:	Forged 1.4435/ 316L ASME/BPE Investment cast 1.4435/ 316L Other Alloys
End connection:	Butt weld ends see fold out page 21 Clamps and flanges see page 22 to 24 Special ends
Suitable for:	Two-Way bodies, otherwise depending on design
Flow rate:	Kv in m <sup>3</sup> /h (Cv in GPM) see page 9
Diaphragm size:	MA see table

Butt weld ends  
MA 25 - 50  
Fold out page 21



DN (mm)	MA	Dimensions (mm)					Total weight ca. (kg)	
		L	L <sub>1</sub>	H <sub>1</sub>	H <sub>2</sub>	D	Investment cast	Forged
15-25	25	25	120	85	15	154	0,87	0,96
32-40	40	25	153	102	24	194	1,59	1,83
50	50	30	173	117	24	224	2,30	3,40

Valve type overview see page 26 and 27.  
Ordering key see page 66 to 68.