



# Pneumatic/Manual Diaphragm Valve

## 2WAY/Tank Bottom Valve



CSE Pneumatic diaphragm valve Aspect design can be widely applied to the fields, such as pharmacy, beer, food, beverage, fluid equipment, cosmetic and so on.

Control mode: Manual Type & Pneumatic Type

Connection type: Clamp or Weld or other ...

Operation: Normal Open & Normal Close design

Body Material: 316L, Forged Or Casting .

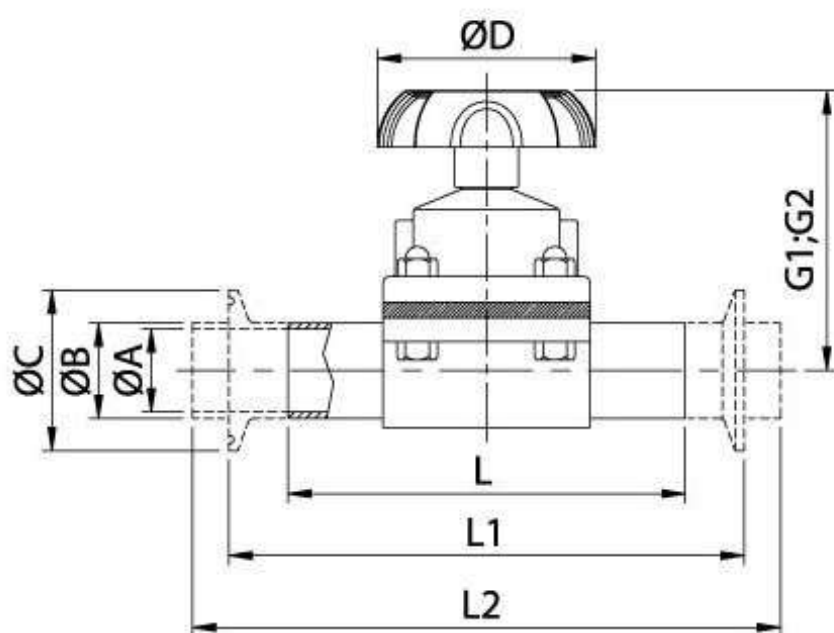
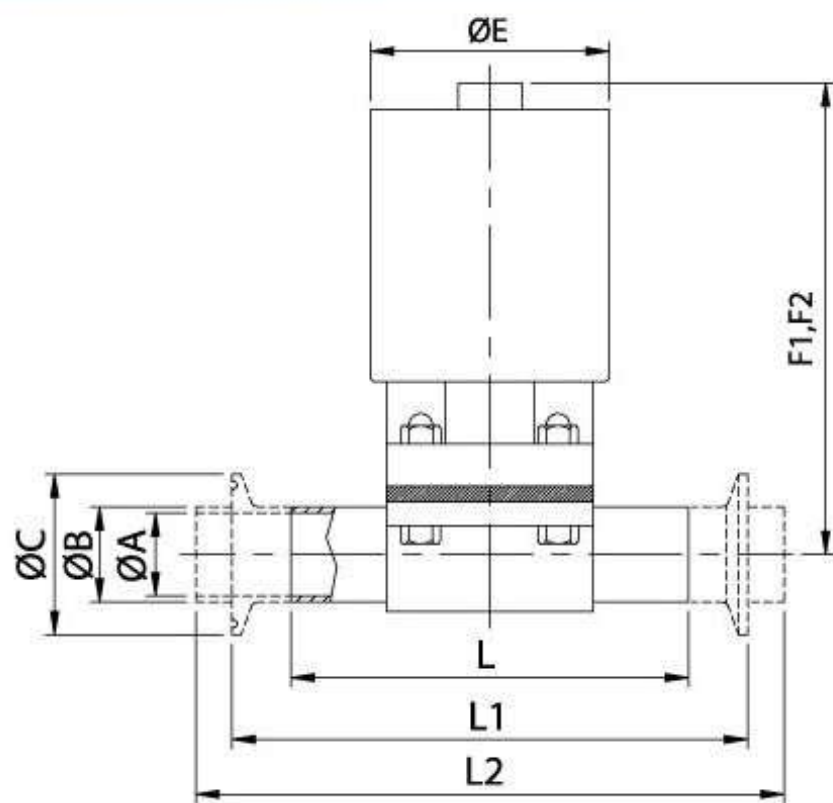
Connection: INCH: 1/2"~2", DIN / ISO: DN10-DN50 other size can be requirement

Working temp: Assembling Diaphragm: EPDM(-40°C ~110°C, PTFE / EPDM(-10°C~150°C)

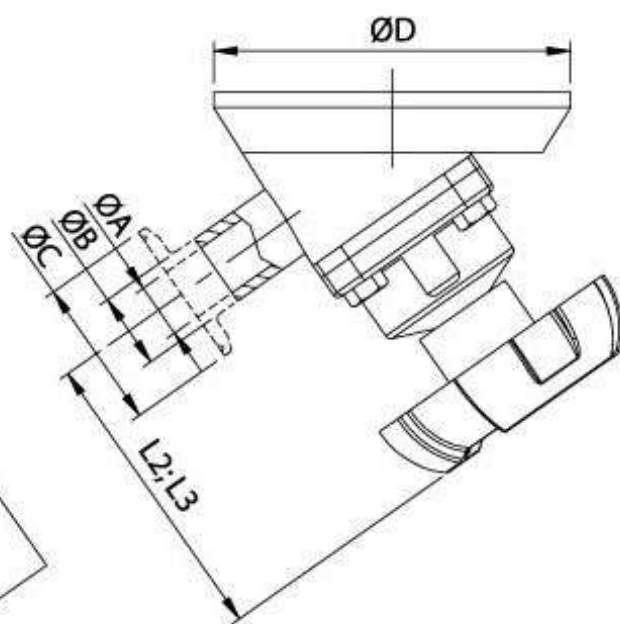
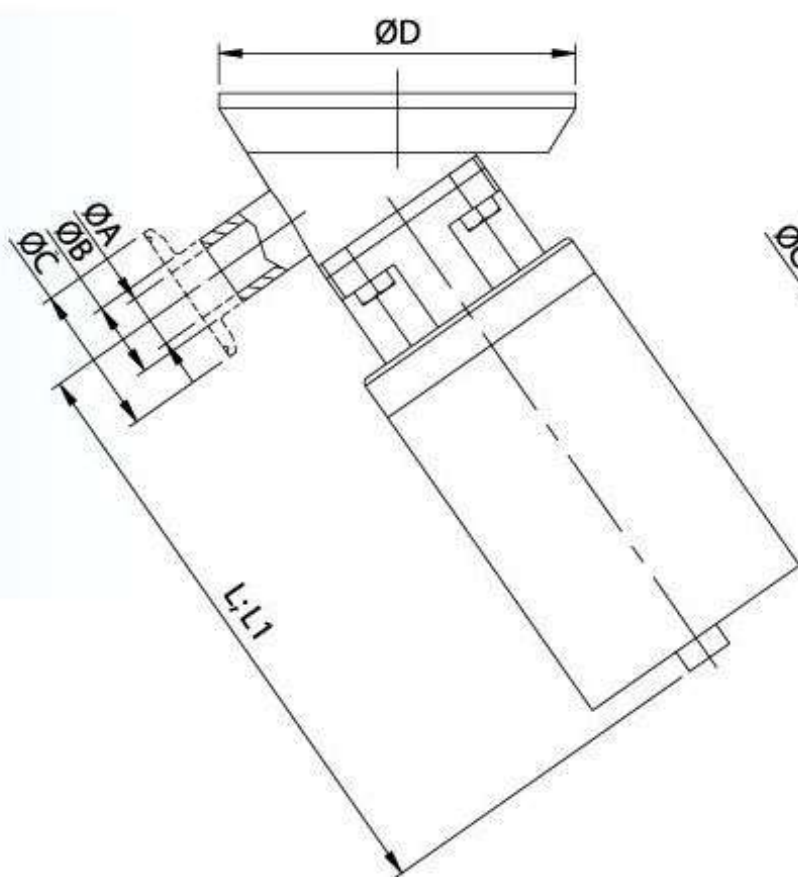
Working pressure: Max 10 Bar

Surface: Standard: OD / ID mirror polished. ID Ra< 0.5µm.

OD- Sand Blasted or E/P or others, ID – Polishing to Ra<0.5µm(SF1) or E/P Finished Ra,0.38µm(SF4) can be required.



| SIZE | ØA    | ØB    | ØC  | L     | L1   | L2  | F1  | F2  | G1  | G2  | ØD  | ØE  |
|------|-------|-------|-----|-------|------|-----|-----|-----|-----|-----|-----|-----|
| 1/2" | 9.4   | 12.7  | 60  | 77    | 94.4 | 129 | 122 | 131 | 74  | 83  | 60  | 60  |
| 3/4" | 15.75 | 19.05 | 60  | 77    | 94.4 | 129 | 122 | 131 | 74  | 83  | 60  | 60  |
| 1.0" | 22.1  | 25.4  | 95  | 100   | 125  | 145 | 212 | 225 | 100 | 113 | 95  | 85  |
| 1.5" | 34.8  | 38.1  | 95  | 133   | 159  | 169 | 217 | 232 | 119 | 134 | 95  | 85  |
| 2.0" | 47.5  | 50.8  | 118 | 166.5 | 192  | 191 | 315 | 333 | 135 | 153 | 118 | 133 |



| SIZE | ØA   | ØB   | ØC   | ØD  | L(close) | L1(open) | L2(close) | L3(open) |
|------|------|------|------|-----|----------|----------|-----------|----------|
| 1.0" | 22.1 | 25.4 | 50.5 | 120 | 212      | 225      | 100       | 113      |
| 1.5" | 34.8 | 38.1 | 50.5 | 160 | 217      | 232      | 119       | 134      |
| 2.0" | 47.5 | 50.8 | 64   | 160 | 315      | 333      | 135       | 153      |