

RC FLAP GATE

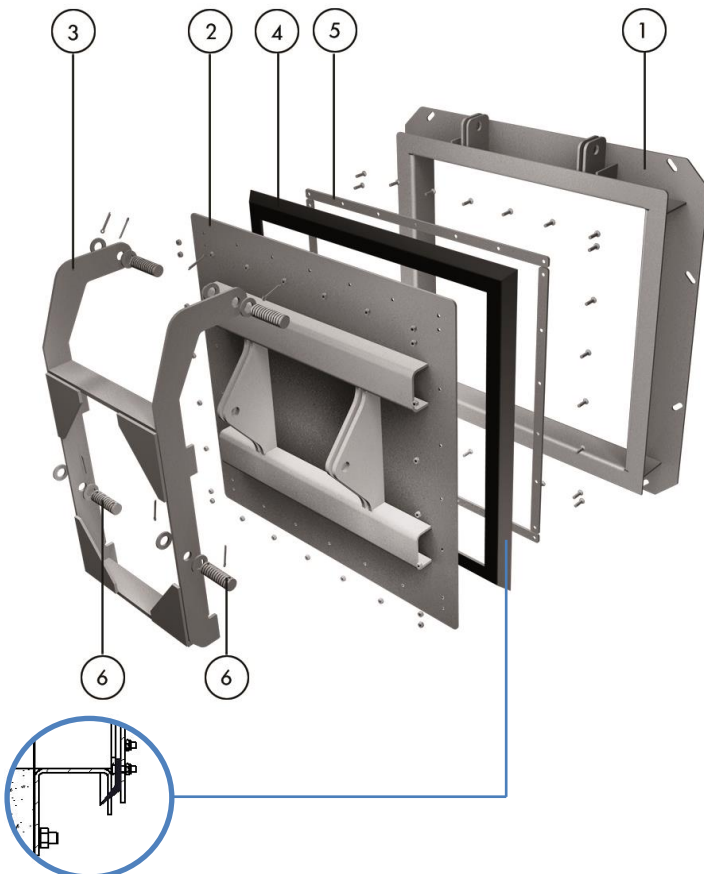
The RC flap gate is a square or rectangular shaped gate designed for discharge lines such as levees, sewer lines and drainage conduits, when closed preventing back-flow and opening automatically when the unseating water head is higher than the seating water head

Product description:

- Size range of 150x150 up to 2000x2000
- Seating head pressure of 5 m.w.c
- Stainless steel fabricated construction. Different stainless steel grades available
- Opening and closing by seating and unseating head differential pressure. Hydraulic actuators available for fast opening applications (i.e.: storm tanks)
- Designed according to DIN 19569

Features:

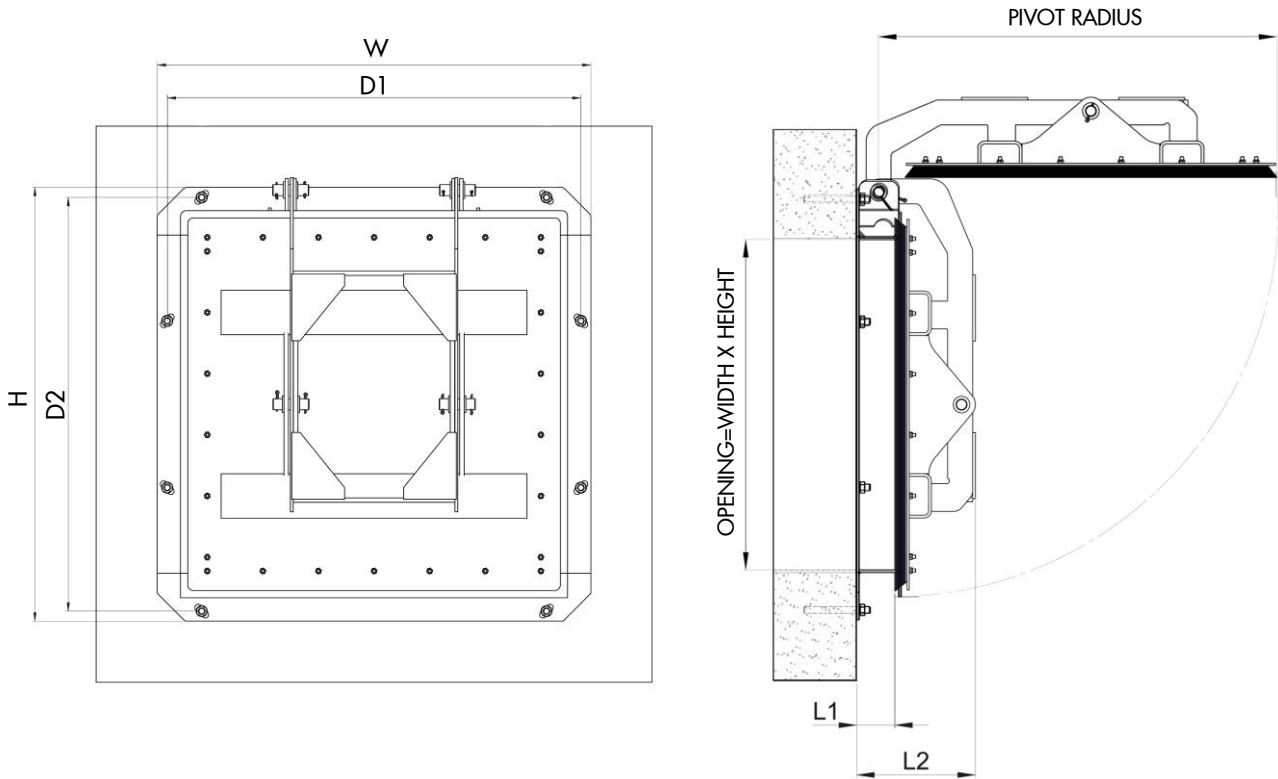
- Double pivoting arm to allow proper flap seating and tight sealing
- Self-adjusting lip EPDM seal design ensuring watertight performance even with low seating water heads
- Mounting options: wall mount, wall thimble mount or standard flange mount
- Leakage rate as per DIN 19569-4 Class 3



STANDARD MATERIAL OF CONSTRUCTION

| ITEM | DESCRIPTION | MATERIAL |
|------|---------------|---|
| 1 | Frame | AISI 304 / AISI 304L / AISI 316 / AISI 316L |
| 2 | Flap | AISI 304 / AISI 304L / AISI 316 / AISI 316L |
| 3 | Pivot Arm | AISI 304 / AISI 304L / AISI 316 / AISI 316L |
| 4 | Seal | EPDM |
| 5 | Seal Retainer | AISI 304 / AISI 304L / AISI 316 / AISI 316L |
| 6 | Hinge Pin | AISI 304 / AISI 304L / AISI 316 / AISI 316L |

DIMENSIONS



| SIZE (mm) Opening Width | SIZE (mm) Opening Height | W | H | D1 | D2 | L1 | L2 | PIVOT RADIUS |
|----------------------------|-----------------------------|------|------|------|------|-----|-----|--------------|
| 150 | 150 | 330 | 330 | 300 | 300 | 100 | 153 | 267 |
| 200 | 200 | 380 | 380 | 350 | 350 | 100 | 153 | 316 |
| 300 | 300 | 480 | 480 | 450 | 450 | 100 | 153 | 415 |
| 400 | 400 | 580 | 580 | 550 | 550 | 100 | 153 | 514 |
| 500 | 500 | 680 | 680 | 650 | 650 | 100 | 153 | 614 |
| 600 | 600 | 780 | 780 | 770 | 770 | 100 | 153 | 714 |
| 700 | 700 | 880 | 880 | 870 | 870 | 100 | 226 | 814 |
| 800 | 800 | 980 | 980 | 970 | 970 | 100 | 226 | 913 |
| 900 | 900 | 1080 | 1080 | 1070 | 1070 | 100 | 226 | 1013 |
| 1000 | 1000 | 1200 | 1200 | 1170 | 1170 | 100 | 226 | 1113 |
| 1100 | 1100 | 1300 | 1300 | 1270 | 1270 | 100 | 231 | 1213 |
| 1200 | 1200 | 1400 | 1400 | 1370 | 1370 | 100 | 231 | 1313 |
| 1300 | 1300 | 1500 | 1500 | 1470 | 1470 | 100 | 231 | 1413 |
| 1400 | 1400 | 1600 | 1600 | 1570 | 1570 | 100 | 231 | 1513 |
| 1500 | 1500 | 1700 | 1700 | 1670 | 1670 | 100 | 288 | 1613 |
| 2000 | 2000 | 2200 | 2200 | 2170 | 2170 | 100 | 398 | 2113 |

These dimensions are only for information only.
Do not use for installation or submittal purposes