



CORVALVE



**Rubber
Duckbill
Check
Valve**

www.corvalve.net
export@corvalve.net



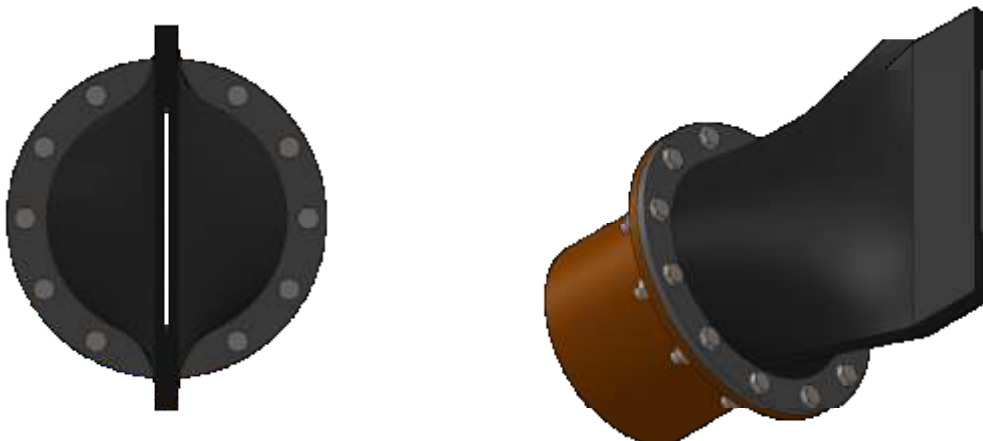
Rubber Check Valves from are specifically designed for use in sewage treatment plants, outfalls, and tidal operations. They're a cost-effective solution for controlling back pressures, and are a fully passive flow device, requiring no maintenance, no outside power sources or manual assistance to operate.

Rubber Check Valves are recommended as direct replacements for ineffective, maintenance-ridden flap type check valves, which are commonly known to seize, rust, or bind in unwanted positions. Rubber duckbill check valves provide backflow protection from occurrences including:

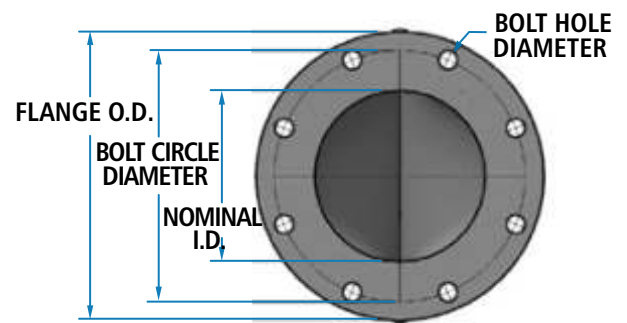
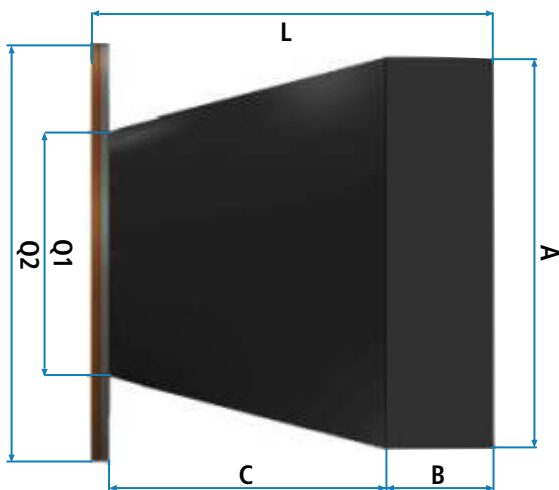
- Sewage slurries
- Outfalls to ocean fronts from heavy rainfall activity
- Land erosion due to back flow conditions
- Invasion of saltwater to freshwater pond

Applications Include:

- Wastewater treatment plants
- Sewer systems
- Potable water holding tanks, single in/single out only (including tank overflow pipes)
- Pump protection (water hammer/valve slam)
- Airport runways, parking lots, residential areas, commercial centers
- Stormwater Discharge
- Flood Control Prevention
- Effluent Diffusers
- Retrofit Systems
- Mining Outfall and Tailings Pond Overflow Pipe

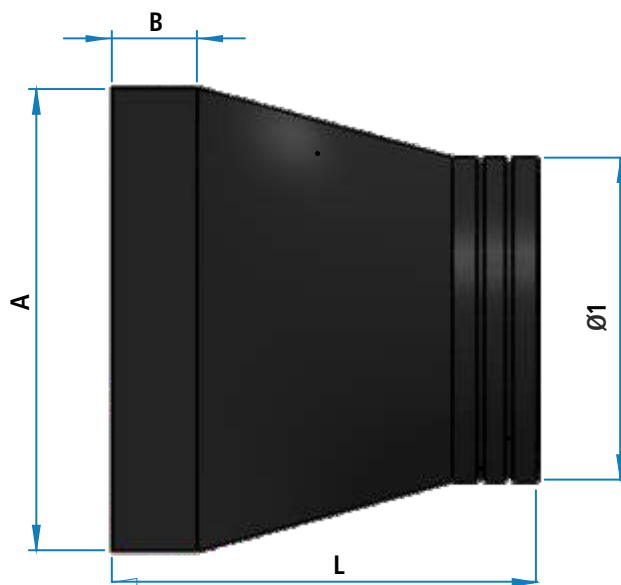


Rubber Duckbill Check Valve (Flanged)



| | |
|--------------------------|---|
| Application: | Discharge / Diffuser |
| Rubber Material: | EPDM (NBR Optional) |
| Flange Material: | Carbon Steel (Stainless Steel Optional) |
| Flange Drilling: | PN10/PN16 |
| Flange Standart : | DIN (Other Standarts Optional) |

| Product code | Valve Dimensions | | | | | | Flange Dimensions | | | | | | TOTAL WEIGHT (kg) | |
|--------------|------------------|--------|----------|-----------|----------|-----------|-------------------|--------|------|--------------------|-------------|----------|-------------------|--|
| | Ø1 (mm) | A (mm) | B (mm) | | L (mm) | | Ø2 (mm) | C (mm) | (mm) | Hole Diameter (mm) | Hole Number | Diffuser | Discharge | |
| | | | Diffuser | Discharge | Diffuser | Discharge | | | | | | | | |
| DB 150 | 150 | 247 | 308 | 64 | 524 | 279 | 285 | 240 | 24 | 22 | 8 | 15 | 11 | |
| DB 200 | 200 | 306 | 380 | 79 | 643 | 342 | 340 | 295 | 26 | 22 | 12 | 22 | 16 | |
| DB 250 | 250 | 380 | 445 | 93 | 752 | 399 | 405 | 355 | 29 | 26 | 12 | 33 | 23 | |
| DB 300 | 300 | 480 | 480 | 100 | 812 | 432 | 460 | 410 | 32 | 26 | 12 | 44 | 31 | |
| DB 350 | 350 | 540 | 584 | 122 | 984 | 521 | 520 | 470 | 35 | 26 | 16 | 67 | 47 | |
| DB 400 | 400 | 605 | 620 | 129 | 1045 | 554 | 580 | 525 | 38 | 30 | 16 | 78 | 56 | |
| DB 450 | 450 | 645 | 687 | 143 | 1158 | 613 | 640 | 585 | 42 | 30 | 20 | 97 | 71 | |
| DB 500 | 500 | 750 | 716 | 149 | 1209 | 642 | 715 | 650 | 46 | 33 | 20 | 132 | 97 | |
| DB 600 | 600 | 880 | 872 | 182 | 1472 | 781 | 840 | 770 | 55 | 36 | 20 | 197 | 140 | |
| DB 700 | 700 | 950 | 884 | 184 | 1499 | 798 | 910 | 840 | 63 | 36 | 24 | 220 | 150 | |
| DB 800 | 800 | 1220 | 984 | 205 | 1673 | 894 | 1020 | 950 | 74 | 39 | 24 | 255 | 165 | |
| DB 900 | 900 | 1320 | 1080 | 225 | 1837 | 982 | 1125 | 1050 | 82 | 39 | 28 | 295 | 180 | |
| DB 1000 | 1000 | 1430 | 1333 | 278 | 2256 | 1200 | 1255 | 1170 | 90 | 42 | 28 | 237 | 195 | |
| DB 1200 | 1200 | 1430 | 1392 | 290 | 2360 | 1258 | 1485 | 1390 | 98 | 48 | 32 | 390 | 210 | |



| | |
|------------------|----------------------|
| Application: | Discharge / Diffuser |
| Rubber Material: | EPDM (NBR Optional) |
| Clamp Material: | SS 316 |

| Valve Dimensions | | | | | | | Clamp Dimensions | | | | | |
|------------------|---------|--------|----------|-----------|----------|-----------|------------------|--------------|--------|-----|-------------------|-----------|
| Product code | Ø1 (mm) | A (mm) | B (mm) | | L (mm) | | Ø2 (mm) | Width K (mm) | t (mm) | PCS | TOTAL WEIGHT (kg) | |
| | | | Diffuser | Discharge | Diffuser | Discharge | | | | | Diffuser | Discharge |
| DCV 150 | 150 | 247 | 308 | 64 | 524 | 279 | 183 | 25 | 24 | 2 | 8 | 5 |
| DCV 200 | 200 | 306 | 380 | 79 | 643 | 342 | 246 | 25 | 26 | 2 | 13 | 7 |
| DCV 250 | 250 | 380 | 445 | 93 | 752 | 399 | 300 | 25 | 29 | 2 | 21 | 11 |
| DCV 300 | 300 | 480 | 480 | 100 | 812 | 432 | 360 | 30 | 32 | 2 | 25 | 12 |
| DCV 350 | 350 | 540 | 584 | 122 | 984 | 521 | 500 | 25 | 35 | 2 | 41 | 21 |
| DCV 400 | 400 | 605 | 620 | 129 | 1045 | 554 | 480 | 30 | 38 | 2 | 55 | 23 |
| DCV 450 | 450 | 645 | 687 | 143 | 1158 | 613 | 530 | 40 | 42 | 2 | 50 | 28 |
| DCV 500 | 500 | 750 | 716 | 149 | 1209 | 642 | 580 | 40 | 46 | 2 | 75 | 40 |
| DCV 600 | 600 | 880 | 872 | 182 | 1472 | 781 | 680 | 40 | 55 | 2 | 105 | 58 |
| DCV 700 | 700 | 950 | 884 | 184 | 1499 | 798 | 780 | 40 | 63 | 4 | 120 | 70 |
| DCV 800 | 800 | 1220 | 984 | 205 | 1673 | 894 | 890 | 40 | 74 | 4 | 140 | 90 |
| DCV 900 | 900 | 1320 | 1080 | 225 | 1837 | 982 | 1000 | 45 | 82 | 4 | 160 | 110 |
| DCV1000 | 1000 | 1430 | 1333 | 278 | 2256 | 1200 | 1100 | 45 | 90 | 4 | 237 | 195 |
| DCV1200 | 1200 | 1430 | 1392 | 290 | 2360 | 1258 | 1300 | 50 | 98 | 4 | 390 | 210 |

CORVALVE

