# RECOIL CHECK VALVE

Single door non-slam recoil swing check valve suited to systems in which rapid flow reversal exists. The valve is suitable for potable and waste water applications.

## FEATURES

- Optimal design for rapid closure
- Robust compact ductile iron design
- Gunmetal seats
- Stainless steel shaft
- Inspection cover

## TECHINCAL SPECIFACTATION

| | |
|---|---|
| STANDARD | EN12334 |
| RANGE | DN80-DN1000 |
| FLANGED DRILLINGS | BS EN 1092-2:1987 |
| MAXIMUM WORKING PRESSURE | 16 Bar |
| TEMPERATURE RANGE | -10°C TO 70°C<br>Insulate at 0°C and below |
| COATING | Blue fusion bonded epoxy (WRAS listed) |

## PARTS AND MATERIAL LIST

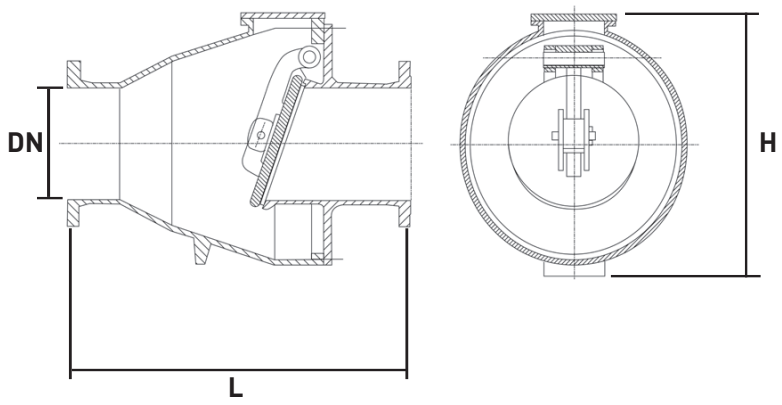
| PART | MATERIAL |
|---|---|
| Body & Inlet | Ductile Iron EN1563 EN-GJS-500/7 |
| Disc | Ductile Iron EN1563 EN-GJS-500/7 |
| Shaft | Stainless Steel EN10008 1.4021 |
| Arm | Ductile Iron EN1563 EN-GJS-500/7 |
| Body Seat | Leaded Gunmetal EN1982 CC491K |
| Disc Seat | Gunmetal BS1400 LG2 EN1982 EN1982 |
| Bearing | Leaded Gunmetal EN1982 CC491K |
| Cover | Ductile Iron EN1563 EN-GJS-500/7 |
| Hinge Pin | Stainless Steel EN10008 1.4021 |
| O-Rings | EPDM |
| Retaining Pins | Stainless Steel EN10008 1.4567 |
| Air Release Plug* | Leaded Gunmetal EN1982 CC491K |
| Drain Plug | Leaded Gunmetal EN1982 CC491K |
| Seats | EPDM |

# RECOIL CHECK VALVE

## DIMENSIONAL DRAWING

| DN | L | H | APPROX WEIGHT (Kg) |
|---|---|---|---|
| 80 | 380 | 300 | 40 |
| 100 | 460 | 350 | 50 |
| 150 | 610 | 440 | 115 |
| 200 | 762 | 520 | 135 |
| 250 | 965 | 610 | 230 |
| 300 | 1067 | 685 | 320 |
| 350 | 1143 | 770 | 420 |
| 400 | 1143 | 855 | 590 |
| 450 | 1219 | 940 | 800 |
| 500 | 1321 | 1040 | 1020 |
| 600 | 1450 | 1220 | 1270 |
| 700 | 1580 | 1315 | 1580 |
| 800 | 1700 | 1475 | 2130 |
| 900 | 1850 | 1750 | 3210 |
| 1000 | 2020 | 1820 | 4480 |

Horizontal installation, but can be manufactured to suit vertical pipe installation.
Dimensions in mm




## OPTIONS

- Larger Diameter
- Multi-Door Design
- PN25
- Bypass
- Flow Sensing Switches
- Alternative Flange Drillings