

Flap Valve

FIG. LV5218

Specifications

- Made of ductile iron
- A small differential pressure on the back of the gate causes it to open automatically to allow discharge through scours, sewer lines or drainage conduits
- When water on the face side of the gate rises above water on the back side, the gate closes automatically to prevent back flow

Features

- Single link design for size DN80-DN150 double link design for size DN200-DN600
- Suitable for wall or flange mounting
- Maximum Pressure: 6.0 meters static on-seat head

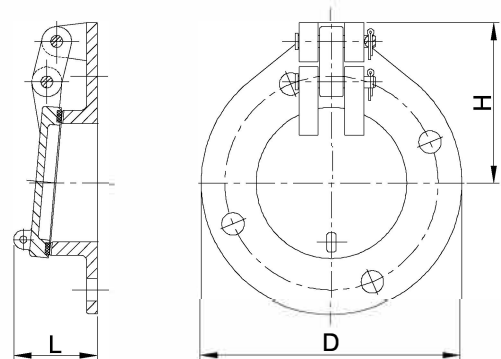
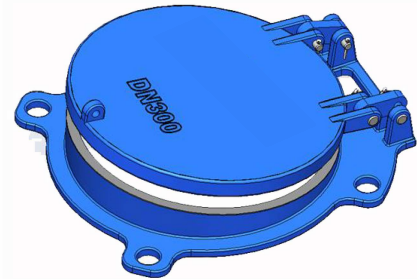
Corrosion Protection

- Fusion bonded coating interior and exterior

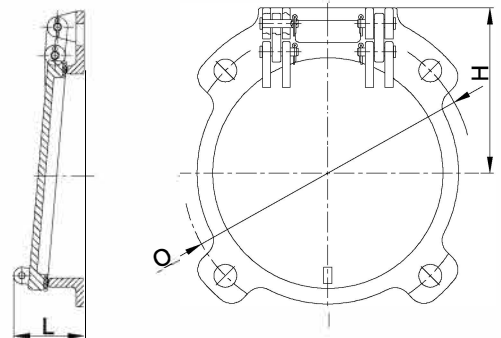
Material Specifications

Part	Material	EN Specification	ASTM Specification
Body	Ductile Iron	EN 1563, EN-GJS-450-10	A356 65-45-12
Cover	Ductile Iron	EN 1563, EN-GJS-450-10	A356 65-45-12
Body Seat	Bronze	EN 1982, CC491K	B62 C83600
Cover Seat	Rubber	EN 681, NBR	D2000 NBR
Link Stem	Ductile Iron	EN 1563, EN-GJS-450-10	A356 65-45-12
Pin	Stainless Steel	EN 10088-3, X5CrNiMo17-12-2	A276 Grade 316

Schematic



Size DN80-DN150



Size DN200-DN600

Main Dimensions (mm)

Size	DN80	DN100	DN150	DN200	DN250	DN300	DN350	DN400	DN450	DN500	DN600
L	69	70	80	79	87	87	93	100	103	108	114
H	125	135	160	177	202	233	275	320	360	410	470
D	200	220	240	340	405	460	520	580	640	715	840
O	160	180	285	295	355	410	470	525	585	650	770

Notes

- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.