

Flex Check Valve

FIG. LV5207

Specifications

- The disc is precision molded with an integral O-ring type sealing surface and contains alloy with nylon reinforcement in the flexible hinge area
- A threaded port with pipe plug on the bottom of valve to allow for field installation of a backflow actuator
- Slamming and water hammer virtually non-existent due to its short closing travel
- Full top-entry access for easy on-line inspection and maintenance
- Flanged and drilling complies with EN1092-2 PN10/16; ANSI B 16.1 Class 125

Working Pressure and Temperature

- 16 bar / 250 psi rated at -10°C to 120°C for EPDM disc
- 16 bar / 250 psi rated at -10°C to 82°C for NBR disc

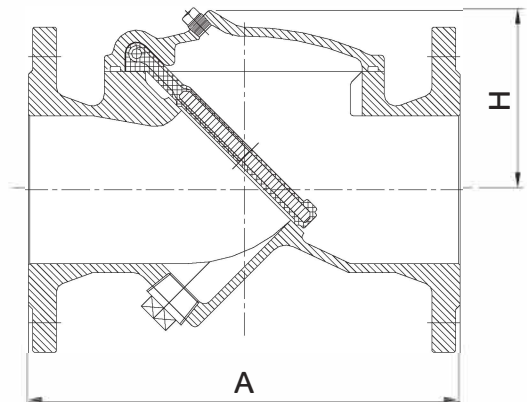
Corrosion Protection

- 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
Disc	EPDM/NBR Encapsulated Ductile Iron		
Gasket	Rubber	EN 681, EPDM/NBR	D2000, EPDM/NBR
Plug	Malleable Iron	EN1562, EN-GJMB-350-10	A47 Grade 22010

Schematic



Main Dimensions (mm)

Size	DN80	DN100	DN150	DN200	DN250	DN300
A	241	292	382	495	622	698
H	107	122	160	210	250	290

Notes

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