



Silent Check Valve PN16

Fig. VA5106

Specification

- ✓ Complies with the requirements of EN 16767
- ✓ Ductile Iron Body and Disc
- ✓ Spring-assisted, axial closing design for rapid and non-slam operation
- ✓ Spring automatically closes the disc at zero flow before flow reversal, helping to minimize water hammer
- ✓ Fully guided disc for stable operation
- ✓ EPDM Soft Seated for tight shut-off at low differential pressure
- ✓ Flanged ends drilled to EN 1092-2, PN16
- ✓ Rated Working Pressure: 16 bar
- ✓ Fusion Bonded Epoxy Coating

Material Specification

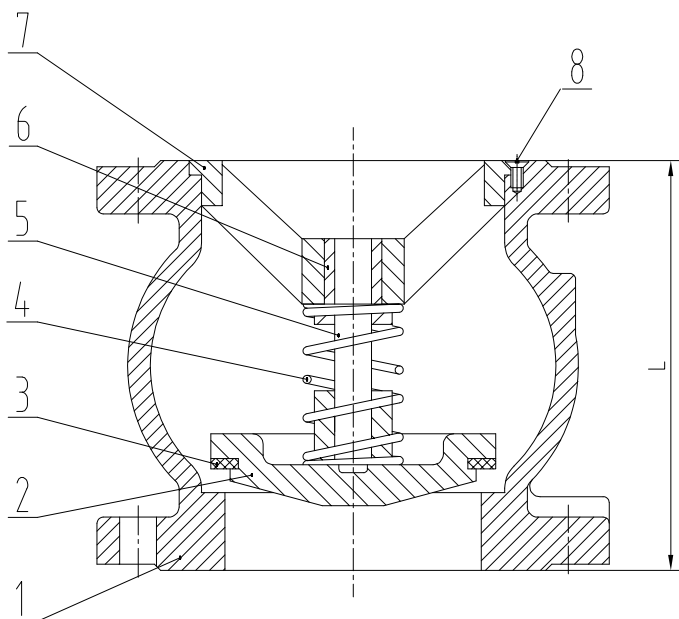
Item	Part Name	Material	Specification
1	Body	Ductile Iron	EN 1563 EN-GJS-450-10
2	Disc	Ductile Iron	EN 1563 EN-GJS-450-10
3	Disc Seat	EPDM Rubber	EN 681-1
4	Spring	Stainless Steel	EN 10088 X5CrNi18-10
5	Stem	Stainless Steel	EN 10088 X20Cr13
6	Bushing	Bronze	EN 1982 CuAl10Fe3
7	Guide	Ductile Iron	EN 1563 EN-GJS-450-10
8	Screw	Stainless Steel	EN 10088 X5CrNi18-10

Corrosion Protection

WRAS Listed Fusion Bonded Epoxy Coating with a minimum thickness of 250 microns for excellent corrosion resistance

Main Dimensions (mm)

Size	DN50	DN65	DN80	DN100	DN150	DN200	DN250	DN300
L	100	120	140	170	230	288	354	410



PRESSURE/ TEMPERATURE RATING

- ✓ 16 bar from -10°C to 120°C
- WRAS Approved to -10°C to 85°C

HYDROSTATIC TEST PRESSURE

- ✓ Shell - 24 bar
- ✓ Seat - 17.6 bar

Options

- ✓ 25 bar / 363psi available for Ductile Iron Body

Notes

1. Working Pressure: 16bar;
2. Flanged to EN1092-2 PN16;
3. Blue Ral 5015 FBE Coated

Notes

Specifications, materials and dimensions shown are subject to change without prior notice

