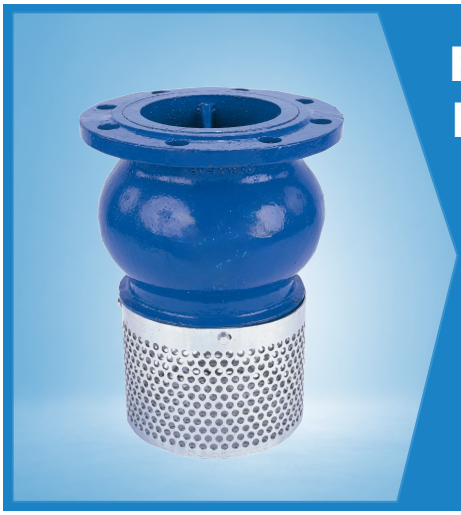
Foot Valve PN16
Fig. VA1120



Specification

- ✔ Designed for silent operation, positive seating and full flow area
- ✔ Suitable for pressure up to 16 bar water service
- ✔ Coated EPDM or NBR Disc Sealed Ring
- ✔ Screens are perforated 304 stainless steel with spot welded seam
- ✔ Flanged and Drilling complies with EN1092-2 PN16/25, ANSI B16.1 Class125
- ✔ Rated Working Pressure 16 bar/250 psi

Material Specification

Part Name	Material	Specification
Body	Cast Iron	EN 1561 EN-GJL-250
Disc	Cast Iron	EN 1561 EN-GJL-250
Seat	CI Intergral	EN 1561 EN-GJL-250
Disc Ring	Rubber	EN 681 EPDM/NBR
Bushing	Brass	EN 12165 CuZn39Pb1
Stem	Stainlesss Steel	EN 10088 X20Cr13
Spring	Stainlesss Steel	EN 10088 X5CrNi18-10
Support	Cast Iron	EN 1561 EN-GJL-250
Screen	Stainlesss Steel	EN 10088 XSCNi18-10

Main Dimensions (mm)

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
A	100	120	140	170	200	230	288	354	410
B	160	205	240	300	355	410	490	575	655
C	94	120	142	177	206	237	290	330	360
D	165	185	200	220	250	285	340	405	460

Features & Benefits

- ✔ Silent Operation: Ensures smooth and quiet valve performance
- ✔ Reliable Backflow Prevention: Prevents reverse flow and helps maintain pump priming
- ✔ Pump Protection: Integrated SS304 strainer prevents large debris from entering the pump
- ✔ Efficient Flow: Full-flow design minimizes flow restrictions
- ✔ Positive Sealing: EPDM/NBR sealing ring provides reliable closure
- ✔ Corrosion Resistance: Epoxy coating enhances durability and service life

TYPICAL APPLICATION

Water Supply Systems
Irrigation Systems
Water Transfer Stations
Industrial Pumping Systems
Pump Suction Pipelines

Corrosion Protection

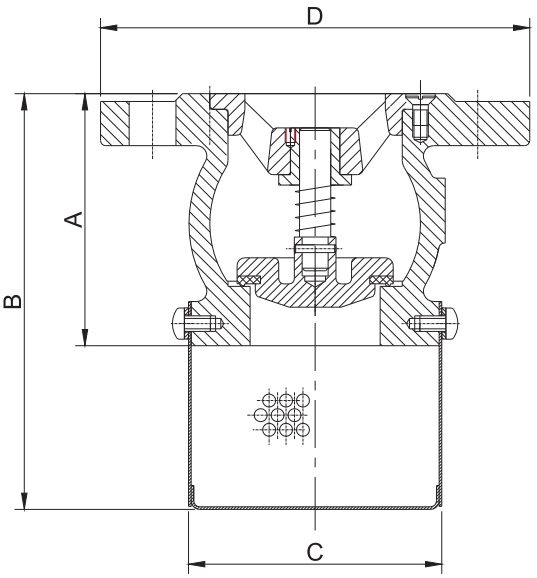
Fusion Bonded Epoxy Coating with a minimum thickness of 250 microns for excellent corrosion resistance

PRESSURE/ TEMPERATURE RATING

- ✔ 16 bar from -10°C to 120°C

HYDROSTATIC TEST PRESSURE

- ✔ Shell - 24 bar
- ✔ Seat - 17.6 bar



Notes

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