

VESS Silent Check Valves is used as protection against reverse flow. The foot valve is a form of a check valve, installed at the bottom of the suction line and inside the wet well. The Foot valve is an inexpensive way to prime a single centrifugal pump.



Features

- The seating design provides positive shut-off at all pressure ranges without additional loading on the seal.
- Heavy duty stainless steel screening, with flow area 3 to 4 times that of pipe area.
- Both inside & outside are coated with epoxy resin powder.

Pressure & Temperature

Pressure Rating	16 bar
Hydraulic Shell Test Pressure	24 bar
Hydraulic Seat Test Pressure	17.6 bar
Working Temperature	- 10°C ~ 80°C
Suitable Medium	Water



Technical Data

Size Range	DN 50mm ~ DN 300mm
Manufacturing Standard	EN 13445 / EN 12334
Flange Standard	BS EN 1092-2

Service Fields

Suitable for water supply, Industrial application.

Head Loss Chart

Fluid : water (1m H₂O = 0.098bar)

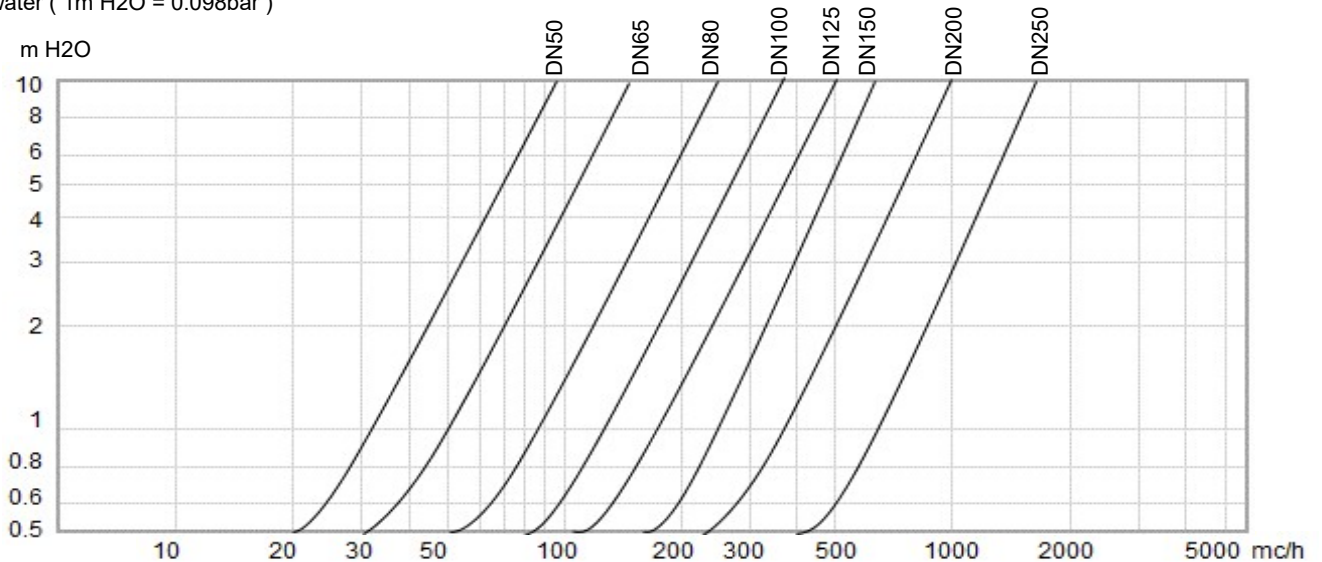


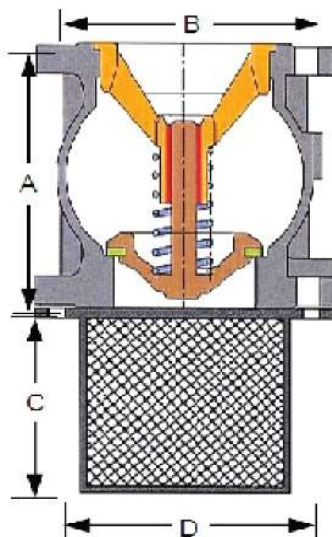
Tabella Kv-DN

Size (DN)	Kv (m c/h)
50	99
65	145
80	258
100	360
125	516
150	620
200	985
250	1620

Material Specification

Component	Material	Specification
Body	Cast Iron / Ductile Iron	EN GJL 250 / EN GJS 500-7
Guide	Ductile Iron	EN GJS 500-7
Closing System	Bronze / Ductile Iron	CA 103 / EN GJS 500-7
Guiding Stem	Bronze / Ductile Iron	CA 103 / EN GJS 500-7
Spring	Stainless Steel	304S31
Seal	Rubber	NBR / EDPM
Bushing	Brass / Teflon	CZ 122 / PTFE
Strainer	Stainless Steel / Galvanized Steel	304S31

Note : Other flange types available , specity on order.



Dimensions - Millimetres

Size (DN)	50	65	80	100	125	150	200	250	300
A	100	120	140	170	200	230	300	370	410
B	165	185	200	220	250	285	340	405	460
C	165	185	200	220	250	285	340	405	460
D	111	131	148	168	198	222	278	329	384

* We reserve the right to alter specifications or dimensions without prior notice.

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