

Ductile Iron Swing Check Valve PN16 Fig.VAH4X



Specification

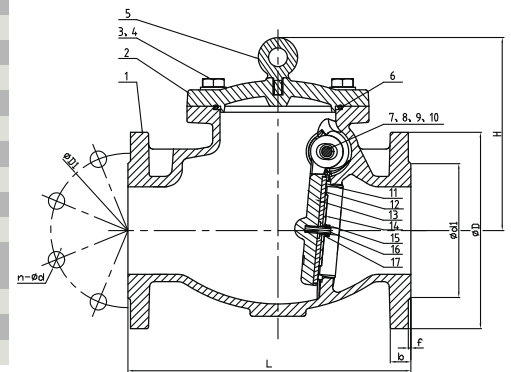
- ✓ Manufactured in accordance with BS EN 16767
- ✓ Flange drilling complies with EN 1092-2, Pressure Rating PN16
- ✓ Face-to-Face dimensions comply with EN 558-1
- ✓ Rated Working Pressure: 16 bar
- ✓ Fusion Bonded Epoxy Coating (FBE), minimum thickness 250 microns
- ✓ Hydrostatic Test Pressure: Shell 24 bar / Seat 17.6 bar
- ✓ WRAS Approved Product

Material Specification

Item	Part Name	Material	Specification
1	Valve Body	Ductile Iron 65-45-12	EN-GJS-450-10 / EN 1563
2	Bonnet	Ductile Iron 65-45-12	EN-GJS-450-10 / EN 1563
3	Bolts	Carbon Steel Zinc Plated	EN ISO 898-1
4	Washer	Carbon Steel Zinc Plated	EN ISO 898-1
5	Eye Bolt	Carbon Steel Zinc Plated	EN ISO 898-1
6	O-Ring	NBR	EN 681-1
7	Washer	PTFE	EN ISO 12086-1
8	Plug	Stainless Steel 304	1.4301 / EN 10088-3
9	Hinge Bushing	Brass	CW617N / EN 12164
10	Hinge Pin	Stainless Steel 420	1.4021 / EN 10088-3
11	Seat Ring	Bronze	CC491K / EN 1982
12	Seal	EPDM	EPDM / EN 681-1
13	Disc	Ductile Iron 65-45-12	EN-GJS-450-10 / EN 1563
14	Plate	Ductile Iron / Stainless Steel 304	EN-GJS-450-10 / EN 1563 or 1.4301 / EN 10088-3
15	Nut	Stainless Steel 304	1.4301 / EN 10088-3
16	Bolt	Stainless Steel 304	1.4301 / EN 10088-3
17	Spring Washer	Stainless Steel 304	1.4301 / EN 10088-3

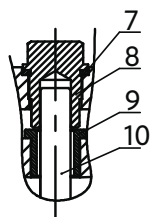
Corrosion Protection

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	DN125	DN150	DN200	DN250	DN300
L	203	216	241	292	330	356	495	622	698
D	165	185	200	220	250	285	340	405	460
D1	125	145	160	180	210	240	295	355	410
d1	99	118	132	156	184	211	266	319	370
H	133	150	150	218	245	290	355	420	465
b	19	19	19	19	19	19	20	20	24.5
f	3	3	3	3	3	3	3	3	4
n	4	4	8	8	8	8	12	12	12
f	19	19	19	19	19	23	23	28	28



Notes

- 1.Design basis:EN 16767
- 2.Face to Face dimension:EN 558-1
3. Flange specification: EN 1092-2
4. Working Pressure: PN16;
5. Coating:Fusion Bonded Epoxy Coating

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

Notes

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

