

Metal Seat Swing Check Valve

Application

Metal seat swing check valve used to prevent reverse flow.

Suitable for potable water, wastewater and sewage duties.

Features

- Lightweight ductile iron design
- Superior weld-on gunmetal seats
- Corrosion resistant construction
- Guarded external weighted arm
- Flange feet to facilitate safe storage
- Air release and drain plug as standard
- Fusion bonded epoxy coating
- WRAS listed materials
- Suitable for both horizontal and vertical installation



Options

- Standard pattern (without external weighted arm)
- External weighted arm is mountable on opposite side
- Flow sensing switch
- Bypass assembly with isolation valve
- Alternative flange drillings (BS10 & ANSI)
- 25 Bar version

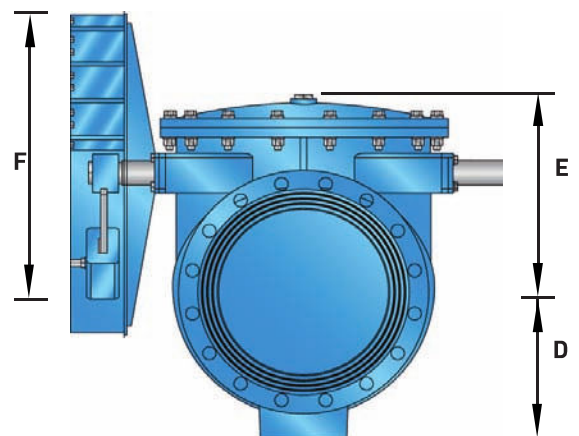
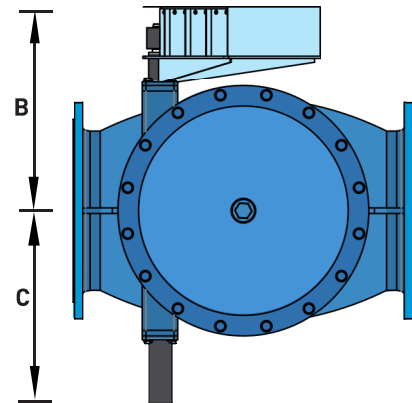
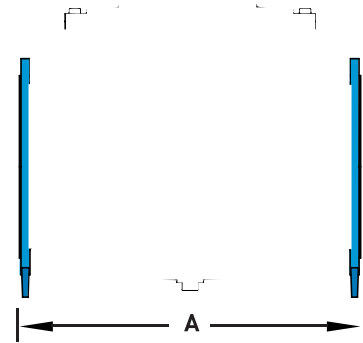
Options maybe subject to factory lead-time

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PRODUCT

Metal Seat Swing Check Valve

Technical Specification

Standard	BS EN 1074 Pt.3:2000, BS EN 12334:2001 and BS 5153: 1974
Range	DN350 - DN1200
Flange Drillings	BS EN 1092-2:1987 Table 9 (PN16) Alternative flange drillings available: BS EN 1092-2:1987 Table 8 (PN10) BS10 Table D or E
Maximum Working Pressure	16 Bar
Hydrostatic Pressure Tests	Seat: 1.1 x PN (17.6 Bar) Body: 1.5 x PN (24.0 Bar)
Temperature Range	-10°C to 70 °C (insulate at 0°C and below)



Material Specification

Description	Material	Grade
Body / Disc/Cover/Hanger	Ductile Iron	EN1563 EN-GJS-500/7
Seats / Bearings / Air Release Plug	Gun Metal	EN1982 CC491K
Shafts	Stainless Steel	EN10088 1.4021
Fasteners	Stainless Steel	EN10088 1.4301
Seals	EPDM	WRAS listed
Coating	Fusion Bonded Epoxy	> 300 μ WRAS Listed

Dimensions

DN	A	B	C	D	E	F	Weight (Kg)
350*	788	490	460	300	410	600	350
400*	915	550	515	350	470	670	495
450*	965	590	555	370	510	740	650
500*	1067	635	590	390	560	810	790
600*	1219	705	645	460	690	960	1285
700	1420	835	765	530	720	1140	1750
800	1560	950	870	600	830	1285	2640
900	1730	1035	950	690	940	1450	3750
1000	1880	1200	1100	800	1090	1650	5830
1200	2185	1450	1330	900	1230	1840	9400

Dimensions in mm. Weights are approximate.

* Models are WRAS approved

Handy Hints!

- Contact us for vertical installation advice
- Guards are recommended to comply with HSE regulations