

BUCKET STRAINER

SPECIFICATION

The Waterfront Bucket Type Strainer afford pipeline protection for pumps, chillers, stem traps and other equipment.

Suitable for Fresh Water / Flushing Water / Fire Services



DESIGN

Body ♦

Bucket shape for strength, minimal height and rigidity; shortest feasible face-to-face dimensions.

Cover ♦

Quick open and easily removed in field. Epoxy lining to reinforce the corrosion resistant.

Screen ♦

High grade stainless steel to ensure the long working life and design to allow streamline flow.

Drain Plug ♦

Allows speedy drain for easy screen cleaning.

End Connection ♦

Flanged to suit BS EN1092 PN16 or according to the relevant specifications/drawings/contract/order requirements.

Protective Coating ♦

Fusion Bonded Epoxy material suitable for potable water service to BS6920.

TESTING

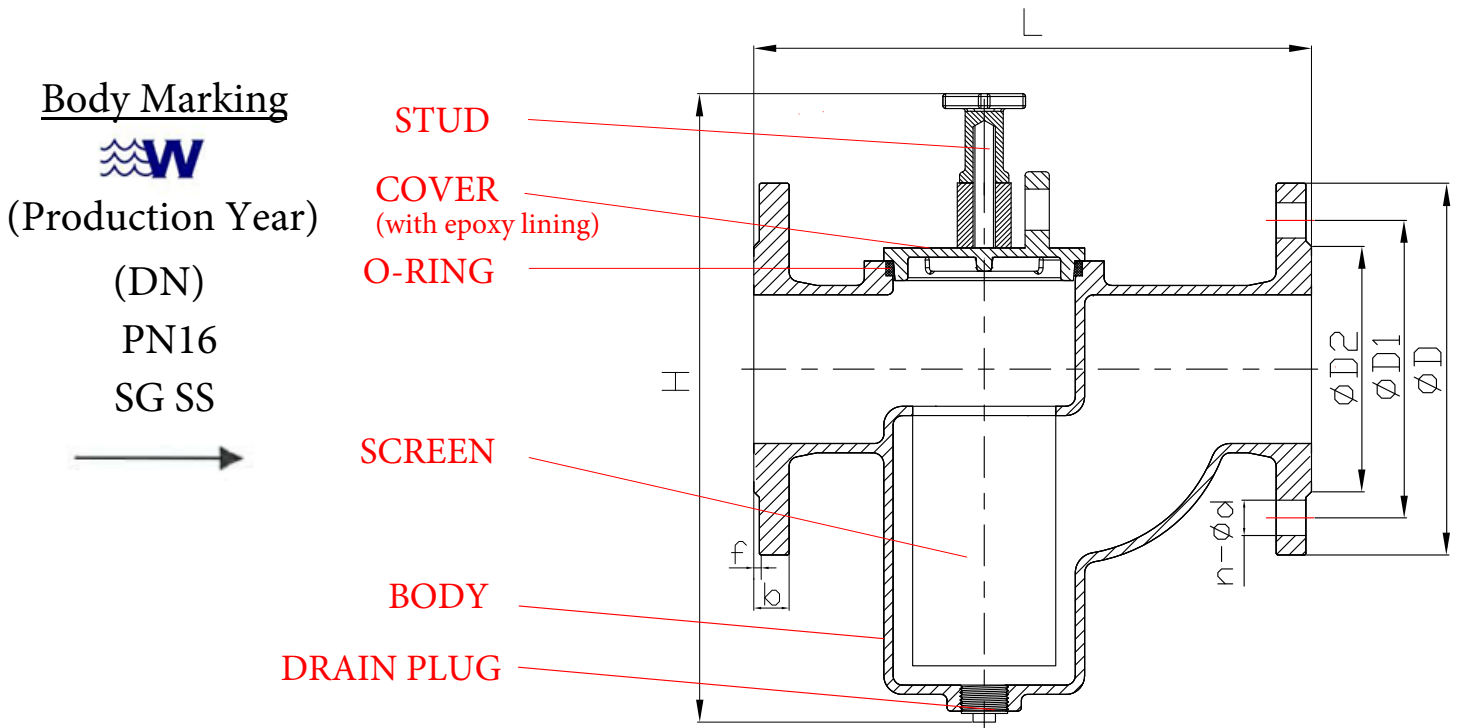
All the valves are machine tested to the nominal pressure and on the body to the test pressure in accordance with BS EN12266-1

Series No.	Working Pressure	Body Test Pressure
852	16 bar	24 bar

MATERIALS

COMPONENT	STANDARD
Body	Spheroidal Graphite Cast Iron (Ductile Iron) BS EN1563-EN-GJS-500/7
Cover	Stainless Steel BS EN10283 Grade 1.4408 with epoxy lining to BS6920
Screen	Stainless Steel BS EN10088 Grade 1.4401
Drain Plug	Copper Alloy BS EN1982 Grade CC491K
O-Ring	EPDM BS EN681-1 and BS6920
Stud	Stainless Steel BS EN10283 Grade 1.4408

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DIMENSIONS in mm

DN	L	H	ØD	ØD1	ØD2	n-Ød	b	f	~KG
50	243	320	165	125	98	4-19	19	3	11
65	254	320	185	145	116	4-19	19	3	12
80	300	356	200	160	131	8-19	19	3	15.5
100	315	420	220	180	155	8-19	19	3	19
150	455	595	285	240	210	8-23	19	3	39.5
200	550	668	340	295	264	12-23	20	3	62

* Larger size can be produced upon request.

INSTALLATION / PERIODIC OVERHAUL

1. Provide a space above the strainer so that the screen can be taken out.
2. Make sure the strainer inside is not applied with pressure, remove the cover and take out the screen.
Wash inside using compressed air blow and cleaner.
3. Clean the O ring contacting surface of body and cover, then fit the screen into body in place.