



BOSS™ 52W WRAS Ductile Iron Flanged Strainer

Data Sheet

General Description

A WRAS approved Ductile Iron Flanged PN16 'Y' Type Strainer With Stainless Steel Screen, Bolted Cover and Stainless Steel Drain Plug. Spare Gaskets and Baskets available.

Codes :

65mm	32022101	150 mm	32022145
80mm	32022112	200 mm	32022156
100mm	32022123	250 mm	32022167
125 mm	32022134		

Size Range

65mm to 250mm inclusive

Technical Specification

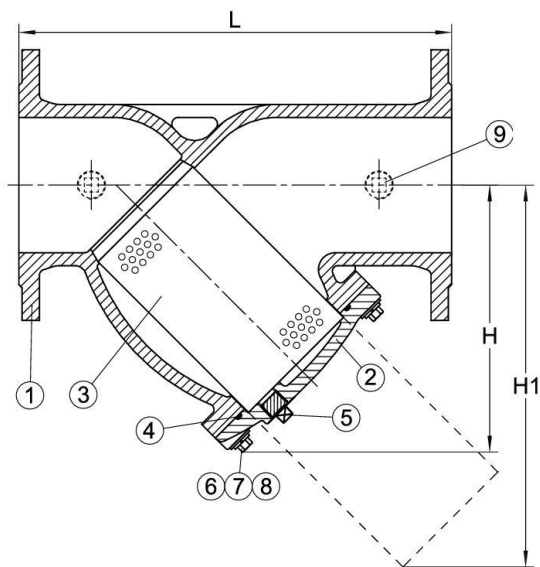
Connections:	Flanged PN16 BS EN 1092-2
Temperature Rating:	-10 to +120°C (WRAS approved to 85°C)
Working Pressure:	16 bar at 85°C
Test Pressure (Shell):	24 bar
Test Pressure (Seal):	17.6 bar
Screen Sizes:	65 - 150mm at 1.5mm 200 - 250mm at 2.5mm
Test Points Size:	¼" BSPT
Drain Plug Sizes:	65 - 150mm at ⅜" BSPT 200 - 250mm at ½" BSPT
Finish:	WRAS approved Pantone blue epoxy finish to the exterior & interior.

Materials of Construction

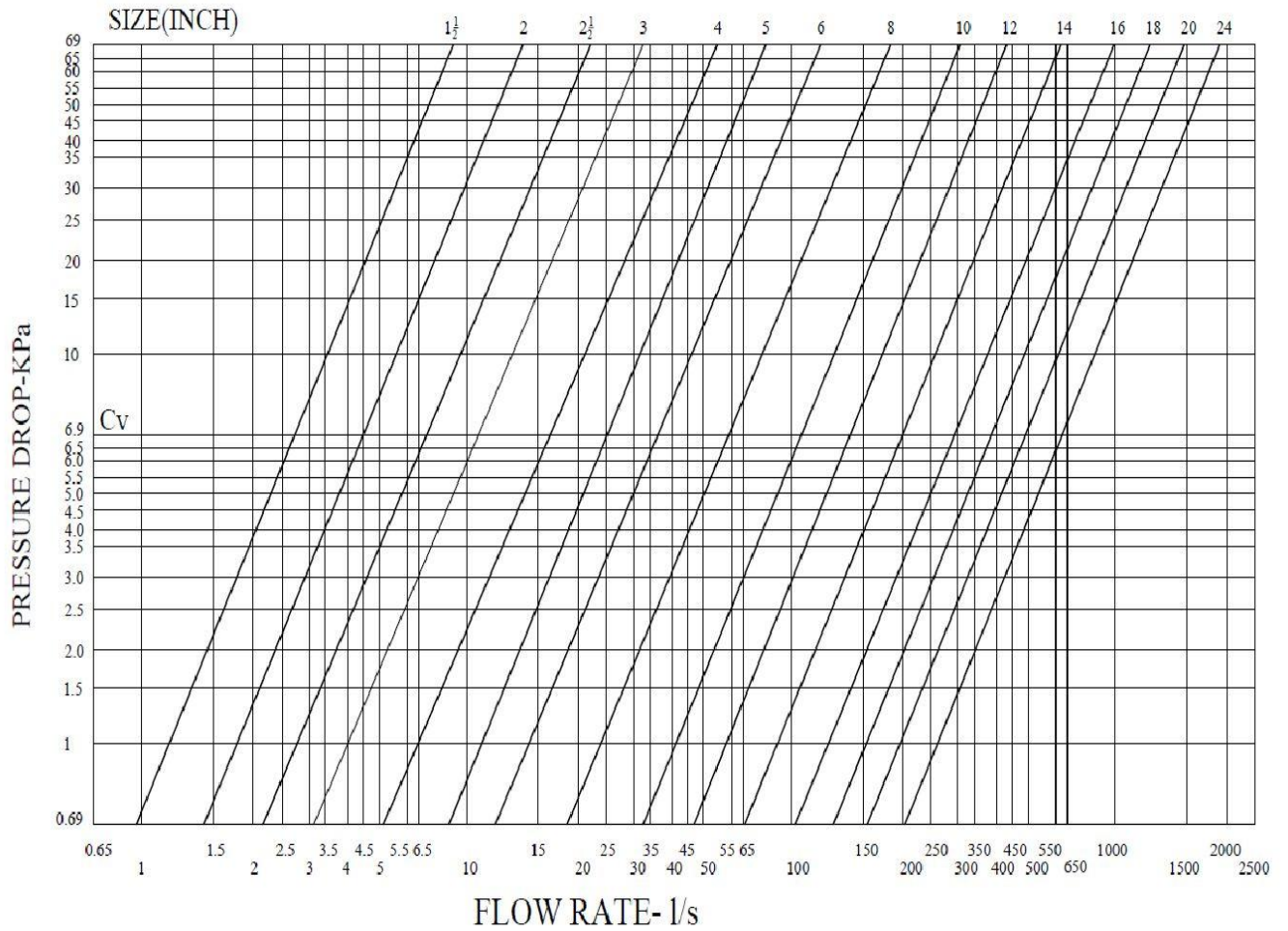
No.	Part	Material	Specification BSEN
1	Body	Ductile Iron	1563 EN GJS-450-10
2	Cover	Ductile Iron	1563 EN GJS-400
3	Screen	Stainless Steel	304SS
4	Gasket	WRAS EPDM	
5	Drain Plug	Stainless Steel	304SS
6	Bolt	Carbon Steel Galvanised	10083-2 C45
7	Spring Washer	Carbon Steel Galvanised	10132-4 C67S
8	Washer	Carbon Steel Galvanised	10083-2 C45
9	Test Point Plug	Stainless Steel	304SS

Dimensions (mm unless otherwise stated)

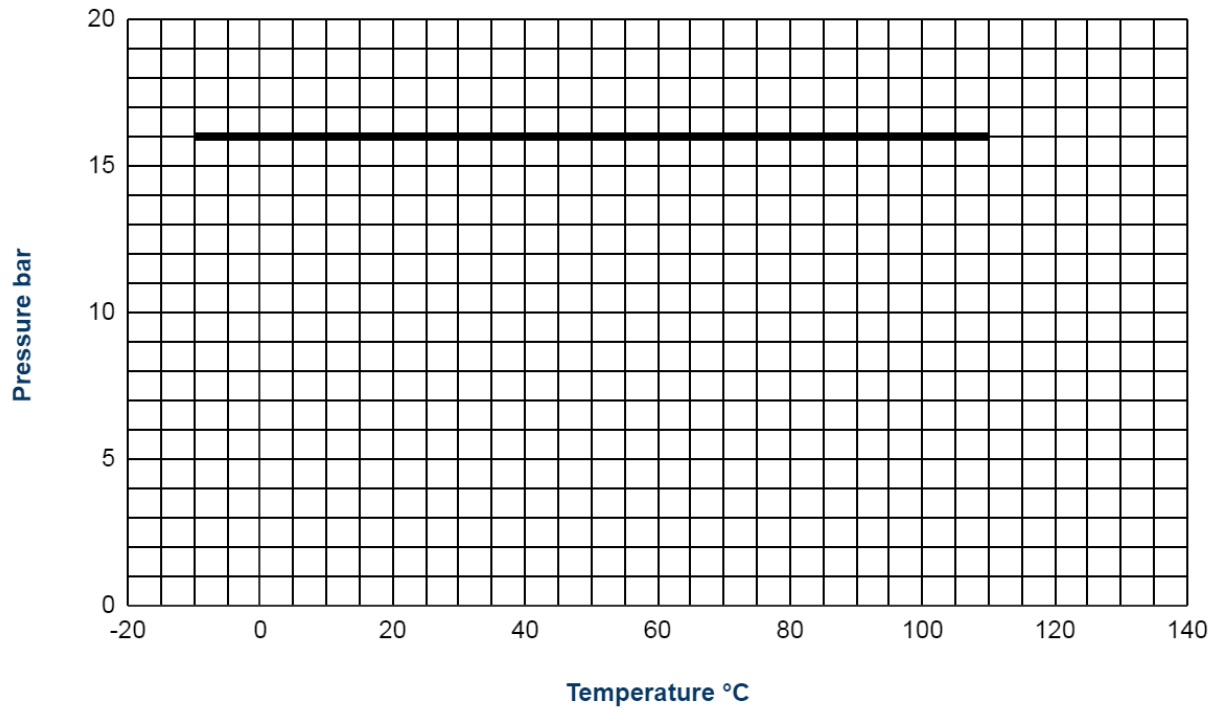
DN	L	H	H1	Weight (kg)
50	230	124	183	8
65	290	145	205	10
80	310	152	238	12.5
100	350	205	318	16.3
125	400	244	358	24
150	480	269	380	33
200	600	341	508	56
250	730	455	700	96



Pressure Drop Chart



Pressure/Temperature Chart



Available Spares

Product Code	Description
23014859	Screen To Suit 65mm BOSS 52W WRAS Strainer
23014870	Screen To Suit 80mm BOSS 52W WRAS Strainer
23014881	Screen To Suit 100mm BOSS 52W WRAS Strainer
23014892	Screen To Suit 125mm BOSS 52W WRAS Strainer
23014900	Screen To Suit 150mm BOSS 52W WRAS Strainer
23014911	Screen To Suit 200mm BOSS 52W WRAS Strainer
23014933	Gasket To Suit 65mm BOSS 52W WRAS Strainer
23014944	Gasket To Suit 80mm BOSS 52W WRAS Strainer
23014955	Gasket To Suit 100mm BOSS 52W WRAS Strainer
23014966	Gasket To Suit 125mm BOSS 52W WRAS Strainer
23014955	Gasket To Suit 150mm BOSS 52W WRAS Strainer
23014999	Gasket To Suit 200mm BOSS 52W WRAS Strainer

Torque Settings for cover bolts

Strainer Size (DN)	Bolt Size	Tightening Torque Nm	Tolerance
65	M8	10	+/- 10%
80 to 100	M10	20	+/- 10%
125 to 250	M12	30	+/- 10%