

# FABRICATED FLANGED Y STRAINERS

## YFP SERIES

### Design Features

- Standard sizes from 2" - 24".
- Flanged to ANSI, DIN, IS, BS and Butt welded connections are available
- Rated to 150 lbs and 300lbs as standard. Higher ratings can be made on request.
- Bolted covers are standard
- May be installed in horizontal or vertical pipelines.
- Qualified welders as per ASME SEC VIII.DP of welds are standard
- Radiography of welds can be done on request
- Covers are made of ANSI, DIN, IS, BS With rating equal to the connection flanges.
- Drain/blow off connections are provided with plugs as standard
- Vents, differentials and special covers are optional.
- Guaranteed low pressure drop as per Table - 1 .
- Net free straining area 4 time pipe c/s area



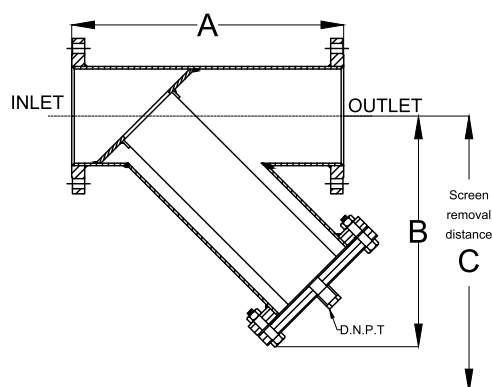
### Material Data

COMPONENT	MATERIAL
Body	IS1239,3589 ASTM A106, SS304/316, DUPLEX STEEL
Cover	A105, SA 516 GR 70, CS TO IS 2062, SS316,304, DUPLEX STEEL
Fastener	A193 B7 Bolts & A 194 2 H Nuts with spring washer. SS 304/316
Gaskets	CAF, NACF, Neoprene, Nitrile, PTFE
Drain / Vent Plug	A105, CS TO IS 1875-II, Stainless Steel
Filter Element	SS 304,316, Duplex, Brass, Monel, Hastalloy C

### Standard Screens

SIZE RANGE	OPENING
2"-8"( 50mm-200mm)	0.125 IN. (3.2mm)
10"-12"(250mm-300mm)	0.125 IN. (3.2mm)
14"-24"(350mm-600mm)	0.177 in. (4.5mm)

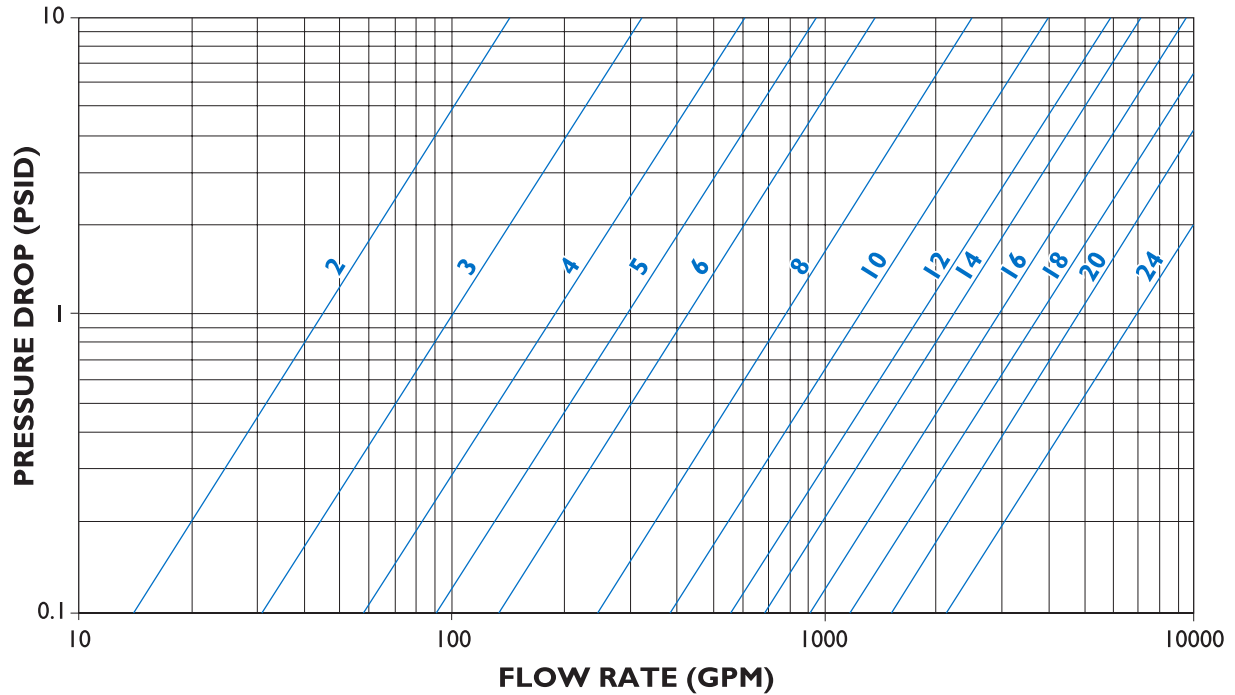
### Dimensions



Size	A	B	C	
			FLANGED	GROOVED
50	275	209	297	-
65	340	248	365	357
80	340	307	486	375
100	375	382	594	470
125	438	471	742	533
150	559	539	855	654
200	610	766	1267	821
250	800	902	1485	1041
300	832	1034	1710	1194
350	1010	1177	1940	-
400	1149	1312	1270	-
450	1232	1453	2404	-
500	1365	1595	2639	-
600	1626	2035	3419	-



## Pressure Drop Curve for Fabricated Y Strainers (Sizes 2" - 24")



**Note:** Pressure drop curves are based on water flow with standard screens.