

## FABRICATED DUPLEX STRAINERS - 150/300 lbs

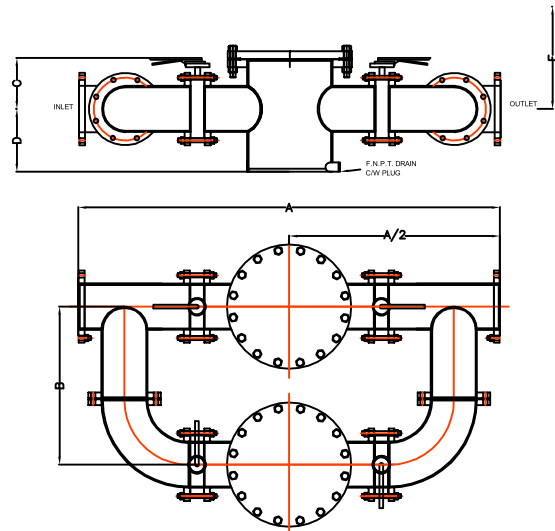
# DP-SERIES-STYLE BUTTERFLY IN-LINE COLUMN

### Design Features

- Standard sizes from 125 nb to 300 nb
- Available In flanged Ends To ANSI B16.5 , AWWA , IS Standards with 150/300 ratings
- Butterfly type diverter valves
- Standard thru bolt cover design. Other covers on request
- Perforated screens are standard.
- May be installed in horizontal pipelines.
- All welders are qualified to ASME Section IX.
- Strainers designed to meet the requirements of ASME Section VIII, Div.1.
- Drain with plug is standard . Drain valves can be supplied on request
- Vents with plug and Dp indicators are standard .
- Large body with Guaranteed low pressure drop as per Appendix 3 in engineering data .
- Net free straining area minimum 6 times for standard screen



### Dimensions



### 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
Valve Body	Cast Iron, ASTM A 216 WCB,CF8,CF8M
Valve Disc	Cast Iron,SS 304, SS 316
Fastener	A193 B7 Bolts & A 194 2 H Nuts With spring washer. SS 304/316
Gasket	CAF, NACF, Neoprene, Nitrile,PTFE
Valve Seat	EPDM,Nitrile rubber,PTFE
Drain/Vent Plug	A105, CS TO IS 1875-II, Stainless Steel
Filter Element	SS 304,316, Duplex, Brass, Monel, Hastalloy C

Size	A	B	C	D	E	F NPT
125	1230	384	168	680	798	25
150	1295	410	178	806	934	25
200	1549	461	235	1058	1243	40
250	1759	562	273	1350	1533	40
300	2013	613	340	1581	1851	50

### Standard Screens

SIZE RANGE	OPENING	GAUGE
5"-8"(125mm-200mm)	0.125 IN. (3.2mm)	0.8mm
10"-12" (250mm-300mm)	0.125 IN. (3.2mm)	1.5