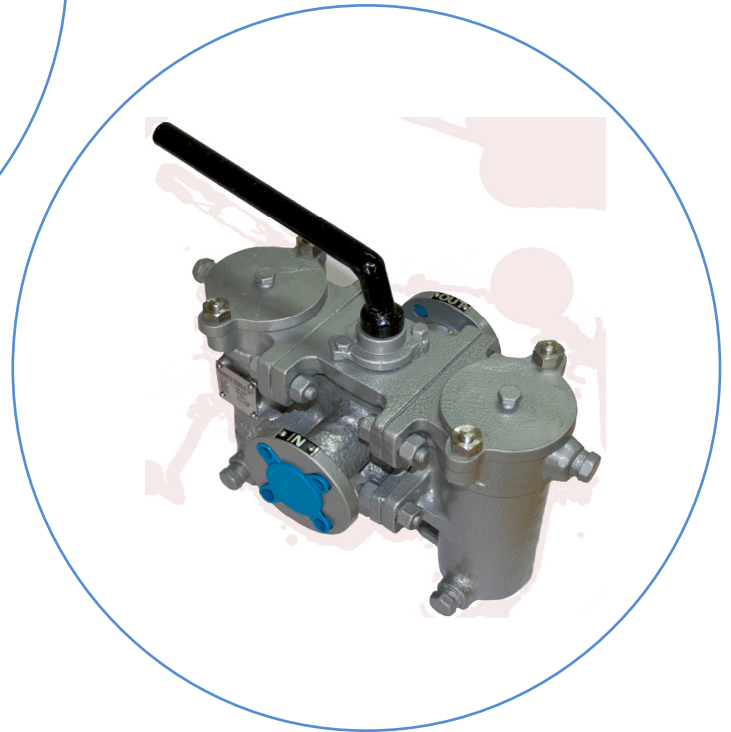
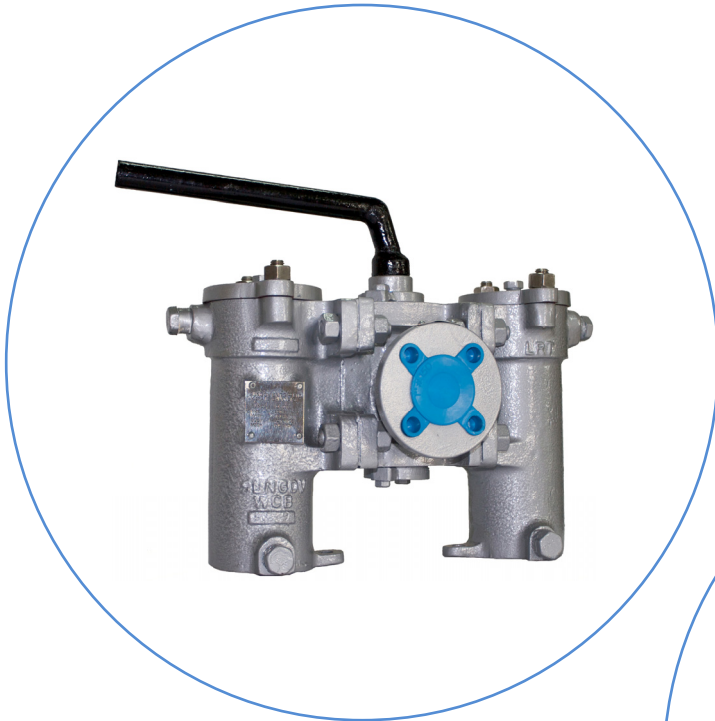


IDF Series

Integral Duplex Flanged Filters



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Salient Features

- **For NIL downtime operation**
- Single changeover plug valve
- Robust design
- Fine micron filtration

Design Features

- Single piece cast construction with integral flanges
- Pleated construction standard for high filtration/low pressure drop
- **Gasket/O ring sealed filtration chambers for fine micron filtration**
- Strainers meet ASME B16.5 & ASME B31.3 requirements
- Stainless steel filter element for reusability

Technical Specifications

Maximum Allowable Working Pressure

15 bar

Maximum Temperature

120 deg C

Standard Parts List

Body, Cover & Flanges

ASTM A216 Gr. WCB

Screen & Screen Internals

AISI 304

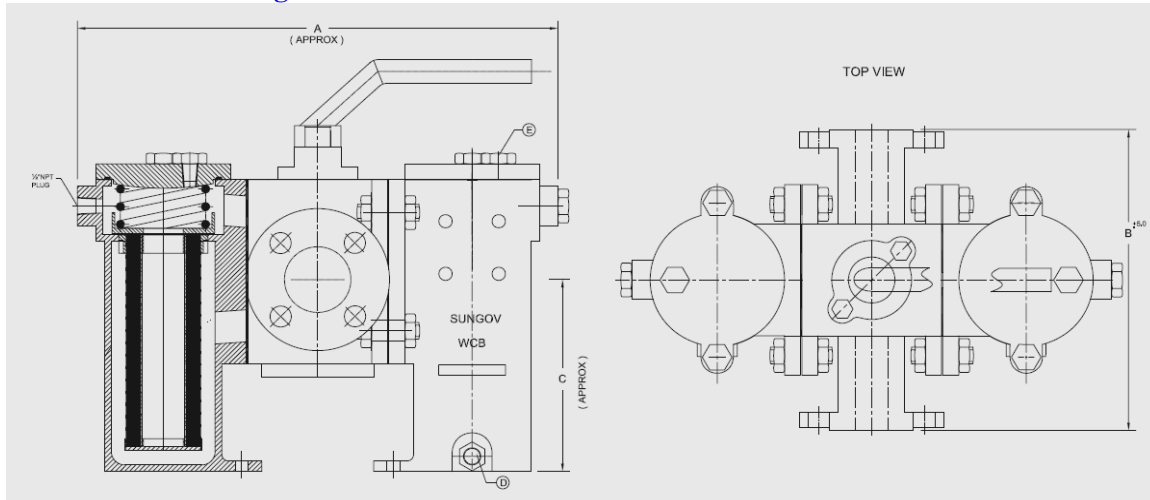
Sealing Materials

Viton™/AF

Other

Carbon Steel

Dimensional Drawing



Dimensional Details

Size		A		B		C		D NPT		E NPT	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
1	25	1 7/8	360	9	230	5 3/4	146	1/2	12.5	1/2	12.5
1 1/2	40	1 7/8	360	9	230	5 3/4	146	1/2	12.5	1/2"	12.5

Standard Filter Element

Size Range	Opening	Open Area
1" – 1 1/2" (25mm - 40mm)	0.0059" (0.15mm)	36% approx

Notes

1. Dimensions & designs are subject to change due to continuous development.
2. Filter elements can be modified to suit customer requirements (up to 5 microns nominal).

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