

Additional Data/Spec Sheet

ST Series / FR Series Immersed Suction Filters - Strainers

SERIE FR**TECHNICAL FEATURES:**

Threaded Cap: FR Series galvanized Steel

End Cap: Galvanized Steel

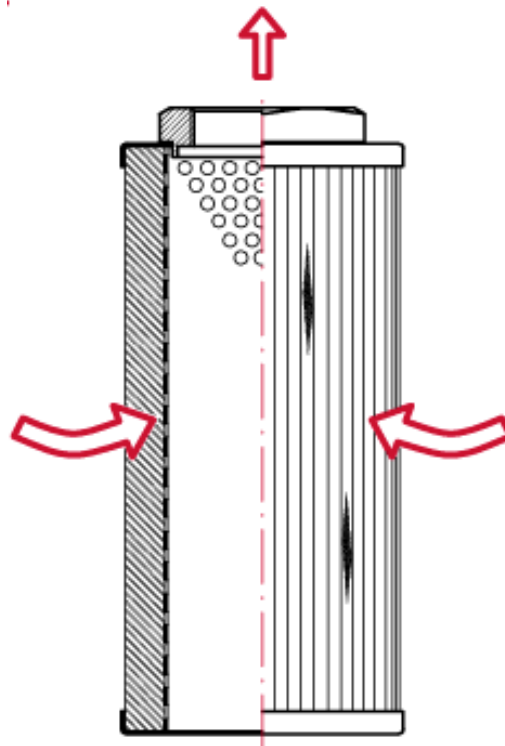
Inner Pipe: Galvanized perforated plate

FR Series 160 μ Micron nom wire mesh

Operating Temperature: -30°C to +110°C

Collapse Pressure: 1Bar

Tested according standards: ISO 2941 / ISO 3724 / ISO 3968



GB FI-FR-XFS filter series are used for suction, immersed into hydraulic oil tank, to protect the pump and system components from coarse contamination. There are several filter families and models available, in order to satisfy all needs: many filtration degrees and connections, small flow rates for mini power-packs, bigger flow rates, narrow spaces, special connections or with suction pipes. We can also produce special filters upon customer request.

Metallic Connection Version			Dimensions mm					
Fluidco Part nr	FBN Part nr	A	B	C	D	CH	μ	Flow Lpm
FI-ST012BB								
FI-ST034BB	FR2.04485	3/4" bsp	63	110	8	36	160 μ	30
FI-ST038A								
FI-ST038BB	FR1.04483	3/8" bsp	45	75	8	22	160 μ	15
FI-ST038F								
FI-ST100AB	FR8.04486	1" bsp	63	140	9	46	160 μ	60
FI-ST100BB	FR8.06625	1" bsp	89	144	9	46	160 μ	80
FI-ST112AB	FR8.04488	1 1/2" bsp	89	145	10	60	160 μ	150
FI-ST112BB	FR8.04489	1 1/2" bsp	89	200	10	60	160 μ	180
FI-ST114AB								
FI-ST114BB	FR8.04487	1 1/4" bsp	89	125	10	60	160 μ	100
FI-ST200AB	FR8.04491	2" bsp	140	150	10	75	160 μ	330
FI-ST200BB								

** Flow rates measured with oil of 30 cst kinematic viscosity, 0,86 kg/dm³ density and $\Delta p=0,03$ bar.

- Fluid compatibility: mineral oil (HH-HL-HM-HR-HV-HG) and synthetic fluids (HS-HFDR-HFDU-HFDS).

