Bifold FluidPower® Limited

Reliability and innovation in directional control valves

Inline & Bowl Filters

Types F & BF

up to 345 bar, down to 3 micron filter rating

Superior performance throughout the full operational range

Features:

- 316L stainless steel
- 3, 10 & 25 micron absolute filter rating

Types F4/X, F6X & F8/X Introduction:-

Designed to supplement hydraulic system main filters, this range of "last chance" filters affords protection to vulnerable hydraulic components. The filters have considerably greater dirt holding capacity and flow capability than most "last chance" filters and are therefore also suitable as primary filters for low flow hydraulic systems, particularly hand pump units.
Element particle removal ratings are 3, 10 or 25 micron absolute, and the stainless steel mesh elements have a collapse pressure of 200 bar.
The filters are an all stainless steel construction; the body is 316L grade stainless steel and the pleated elements are also 316 stainless steel.
Suitable for liquids up to 520 bar, the filters are particularly suited for application in offshore/onshore oil and gas production control systems.

OPERATING PARAMETERS:-

	Thread Size	Length "L"	A/F Hex		Work Press
			mm	inch	
F4/...	1/4 NPT	113mm	33	1.30	520 bar
F6/...	3/8 NPT	153mm	42.5	1.67	520 bar
F8/...	1/2 NPT	200mm	42.5	1.67	345 bar

Filter Ratings (available all sizes)	
3 Micron absolute	1 Nominal
10 Micron absolute	3 Nominal
25 Micron absolute	15 Nominal

SELECTION CHART:

F			Model Code
4	1/4"NPT		Connections
6	3/8"NPT		
8	1/2"NPT		
03	3 micron absolute		Filter Rating
10	10 micron absolute		
25	25 micron absolute		
S	Nitrile	(-30°C to +130°C)	O-ring Material
V	Viton	(-20°C to +180°C)	
F	8 / 10 / S		Example Code

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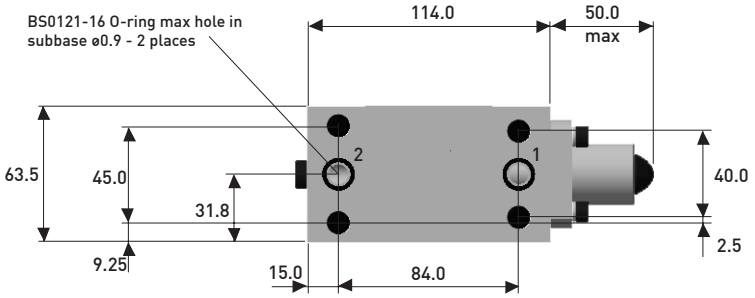
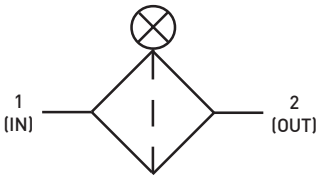
Types BF(A)8 & BFM8 Introduction:-

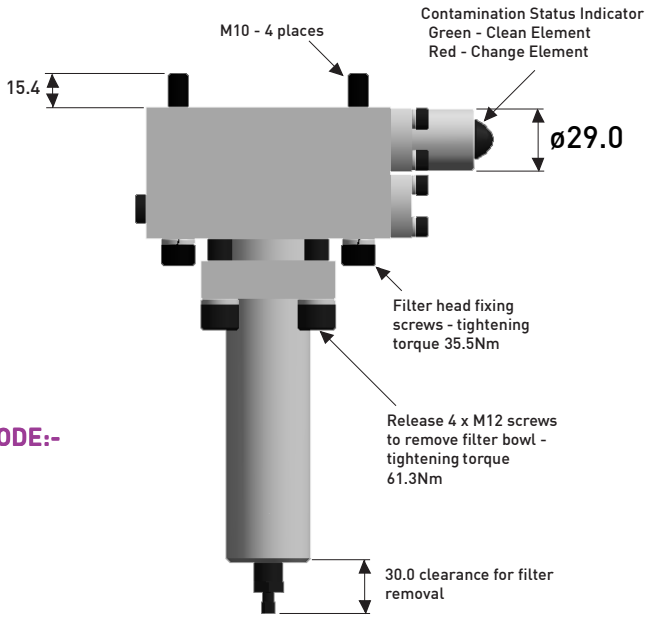
Filter Ratings (available all sizes)	
3 Micron absolute	1 Nominal
10 Micron absolute	3 Nominal
25 Micron absolute	15 Nominal

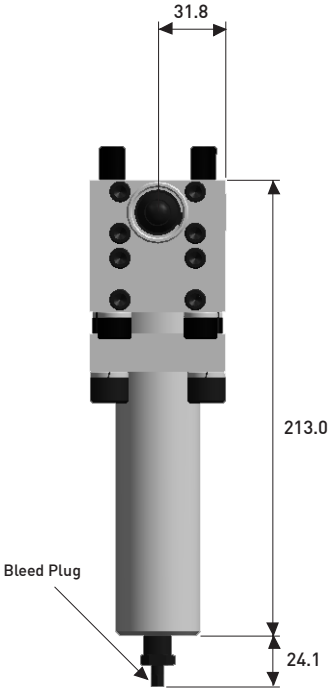
Designed to supplement hydraulic system main filters, this range of "last chance" bowl filters affords protection to vulnerable hydraulic components. The filters have considerably greater dirt holding capacity and flow capability than most "last chance" filters and are therefore also suitable as primary filters for low flow hydraulic systems, particularly hand pump units.
Type BF(A)8 is body ported and Type BFM8 is manifold mounting.
Element particle removal ratings are 3, 10 or 25 micron absolute, and the stainless steel mesh elements have a collapse pressure of 200 bar.
The filters are an all stainless steel construction; the body is 316L grade stainless steel and the pleated elements are also 316 stainless steel.





Weight:- Approx 5.0 Kg





EXAMPLE CODE:-
BFM8/10/S/SI

SELECTION CHART:

BF(A)8 **BFM8**	1/2 NPT ported manifold mounting		Model Code
03 **10** **25**	3 micron absolute 10 micron absolute 25 micron absolute		Filter Rating
S **V**	Nitrile Viton	(-30°C to +130°C) (-20°C to +180°C)	O-ring Material
SI	Visual clogging indicator (BFM model only)		Options
BFM8 / 25 / S / SI			Example Code

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Quality Assurance

All Bifold Fluidpower products are manufactured to a most stringent QA programme. Every care is taken at all stages of manufacture to ensure that every product will give optimum performance and reliability. We are recognised to EN ISO 9001:2000. Functional test certificate, letter of conformity and copies of original mill certificates, providing total traceability are available on request, to BSEN 10204 3.1.B where available. The manufacturer reserves the right to make changes to the specifications and design etc., without prior notice

Accuracy of information

We take care to ensure that product information in this catalogue is reasonably accurate and up-to-date. However, our products and services are continually updated so to ensure accurate and up-to-date information please refer to the issue list on the web site or contact a member of our sales team.