



FS-1 series

Suction strainers



Technical Information

Connection Ports: 3/8" to 3" BSP (NPT on request)

Materials: Head: nylon
Endcap: zinc plated carbon steel
By-pass: NBR

By-pass: On request only - 0,25 bar (3,6 psi) setting

Filter media:
Wire mesh 125 μm (60 and 250 μm on request)

Differential collapse pressure: 1 bar (14,5 psi) (acc. to ISO 2941)

Working temperature:
-25°C +100°C (-13°F +212°F)

Fluid compatibility (acc. to ISO 2943):
Full with HH-HL-HM-HV (acc. to ISO 6743/4).
For use with other fluids please contact Filtrec Customer Service (info@filtrec.it).

Ordering information

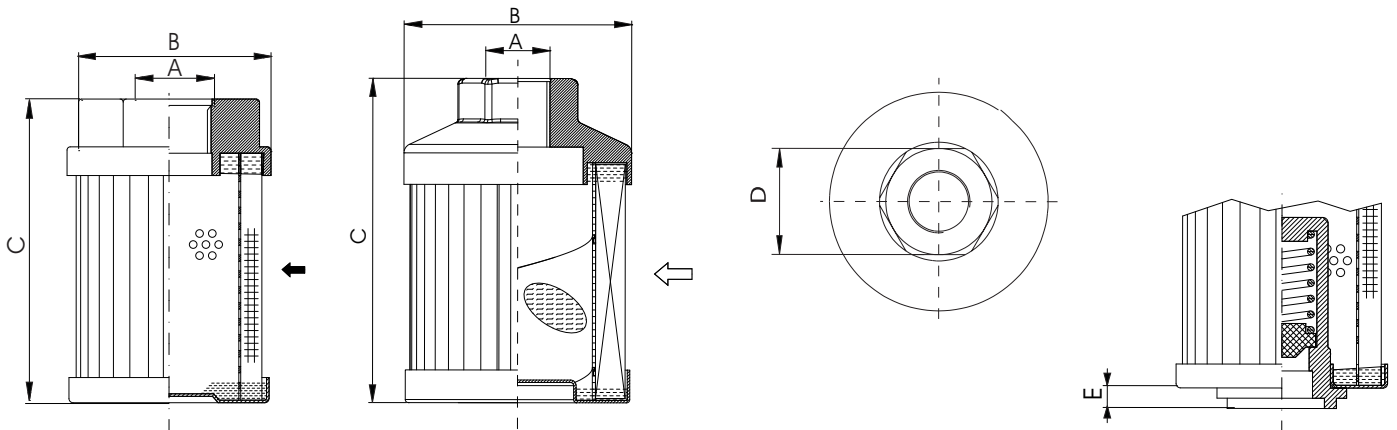
		NOMINAL SIZE	CONNECTION SIZE	MEDIA	BY-PASS
FS-1		30	B6	T125	B
		CONNECTION SIZE			
	B2	3/8" BSP			
	B3	1/2" BSP			
	B4	3/4" BSP			
	B5	1" BSP			
	B6	1 1/4" BSP			
	B7	1 1/2" BSP			
	B8	2" BSP			
	B9	2 1/2" BSP			
	B10	3" BSP			
NPT option available on request, please check availability with Filtrec Customer Service.					
		MEDIA			
	*T60	wire mesh			
	T125	wire mesh			
	*T250	wire mesh			
* Not standard version, please check availability with Filtrec Customer Service.					
					BY-PASS
	0	no by-pass			
	*B	0,25 bar / 3,6 psi			
* Not standard version, please check availability with Filtrec Customer Service.					

Overall dimensions

FS-1-10 - ... - 43

FS-1-50 - ... - 89

BY-PASS OPTION

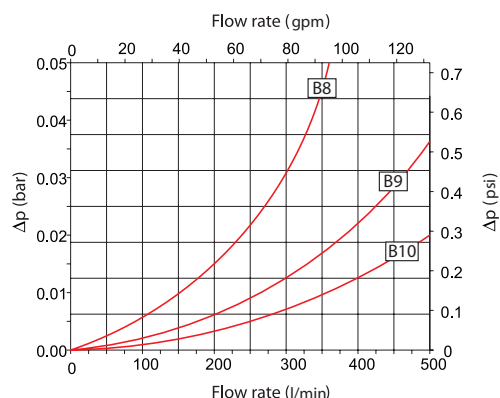
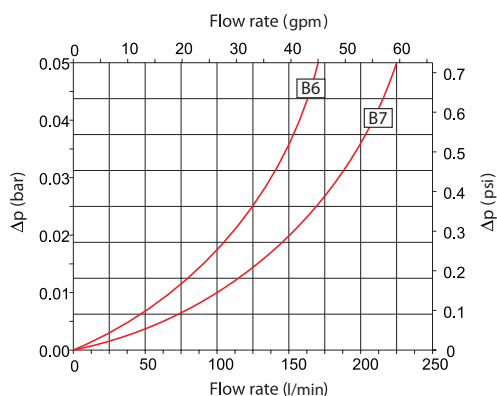
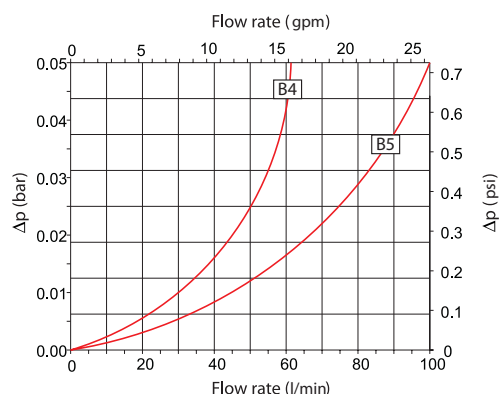
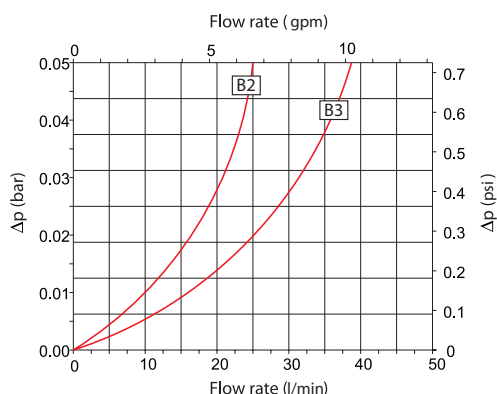


Nominal size

CODE	A	B	C	D	E
FS-1-10	3/8"	46	91	36	3
FS-1-11	1/2"		106		
FS-1-20	3/4" - 1"	64	109	50	6
FS-1-21	3/4" - 1"		139		
FS-1-30	1" - 1 1/4" - 1 1/2"	86	200	65	
FS-1-33	1 1/2"		260	75	
FS-1-34	1 1/4" - 1 1/2" - 2"		151	110	9
FS-1-40	1 1/2" - 2"	150	212		
FS-1-42	2 1/2"		272		
FS-1-43	3"				
FS-1-50	3/8" - 1/2"	54	83	27	6
FS-1-60	1/2" - 3/4"	73	104	34	
	1 1/4"			50	
FS-1-62	1/2" - 3/4"		148	34	
	1" - 1 1/4"			50	
FS-1-70	1" - 1 1/4" - 1 1/2"	102	155	60	9
	2"			70	
FS-1-73	1" - 1 1/4" - 1 1/2"		195	60	
	2"			70	
FS-1-76	1" - 1 1/4" - 1 1/2"		228	60	
	2"			70	
FS-1-79	1" - 1 1/4" - 1 1/2"		110	60	
	2"			70	
FS-1-80	2" - 2 1/2" - 3"	131	202	98	
FS-1-81	2" - 2 1/2" - 3"		162		
FS-1-83	2" - 2 1/2" - 3"		235		
FS-1-86	2" - 2 1/2" - 3"		279		
FS-1-89	1 1/2" - 2"		110		

Pressure Drop diagrams

The pressure drop of these strainers is mainly related to the connection size, indicated in the box.
The maximum recommended pressure drop is 0,1 bar (1,45 psi).



The above pressure drop diagrams have been obtained at the FILTREC laboratory, according to the ISO 3968 specification, with mineral oil having 30 cSt viscosity and 0,86 Kg/dm³ density.

When using oil with different viscosity the values can be calculated. ($\Delta p \times \text{new viscosity} / 30$)

