

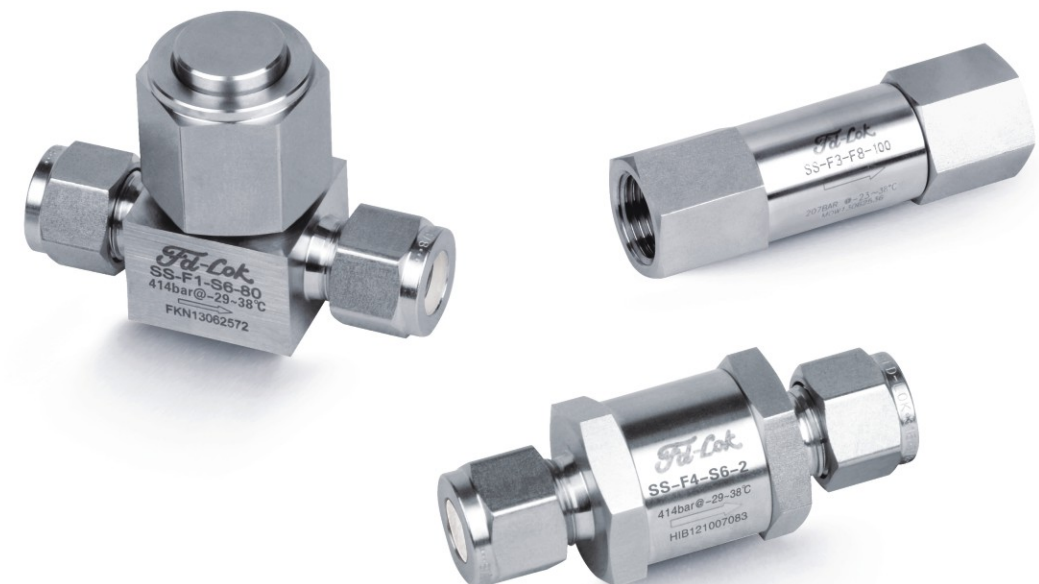


Instrumentation Solutions

www.fd-lok.com

Filters

F1, F2, F3 and F4 Series



ZHEJIANG FANGDUN INSTRUMENT VALVE CO.,LTD
No.177, Zhanwang Road, Longwan Industry Center,
Wenzhou, Zhejiang, China 325024

Tel: 86-577-8692 7952
Fax: 86-577-8598 9788
E-mail: fangdun@fd-lok.com

ZHEJIANG FANGDUN INSTRUMENT VALVE CO.,LTD



Filtration Definitions

1. Sintered element: metal powder(alloys are available) is pressed in a die at sufficient pressure that the powder particles adhere at their contact points;
2. Strainer element: the strainer is cup-shaped and includes an inner cup-shaped support structure having staggered perforations extending through the surfaces thereof,an outer cup-shaped strainer structure of wire mesh is closely received over the support structure;
3. Element nominal pore size: the elment nominal pore size is normally calculated from the pressure required to cause air to bubble from the largest pore in the filter element when submerged in a test liquid.

Features

Tee-type filters

F1 Series

1. Filter element replaceable without removing body from system;
2. Union bonnet design;
3. Nominal pore sizes for sintered element: 0.5, 2, 7, 15, 40, 60 and 80 um;
4. Nominal pore sizes for sintered element: 100, 150, 250 and 450 um;
5. Maximum working pressure: 6000 psig (414 bar);
6. Working temperature:-20°F to 900°F (-29°C to 482°C);
7. Body materials: 316 SS, 316L SS, 304 SS, 304L SS and Brass;
8. Variety of end connections available.

Bypass Filters

F2 Series

1. Bypass port at filter bottom for the ease of sampling purging;
2. Union bonnet design;
3. Nominal pore sizes for sintered element: 0.5, 2, 7, 15, 40, 60 and 80 um;
4. Nominal pore sizes for sintered element: 100, 150, 250 and 450 um;
5. Maximum working pressure: 6000 psig (414 bar);
6. Working temperature:-20°F to 900°F (-29°C to 482°C);
7. Body materials: 316 SS, 316L SS, 304 SS, 304L SS and Brass;
8. Variety of end connections available.

In-line Filters

F3 Series

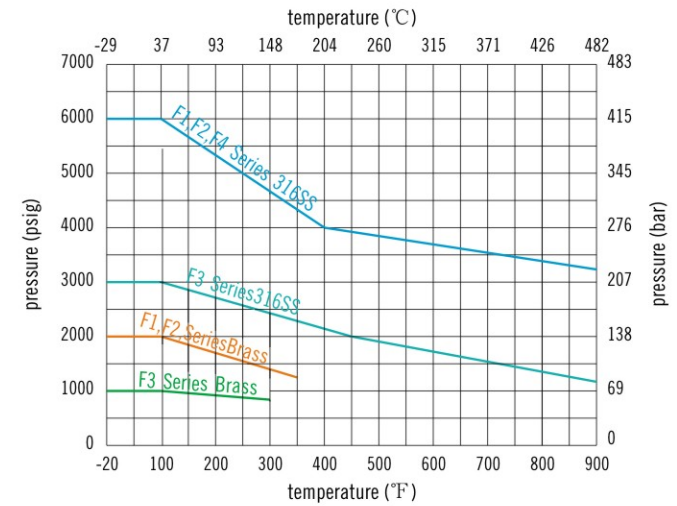
1. Compact and space-saving design;
2. Nominal pore sizes for sintered element: 0.5, 2, 7, 15, 40, 60 and 80 um;
4. Nominal pore sizes for sintered element: 100, 150, 250 and 450 um;
5. Maximum working pressure: 3000 psig (207 bar);
6. Working temperature:-20°F to 900°F (-29°C to 482°C);
7. Body materials: 316 SS, 316L SS, 304 SS, 304L SS and Brass;
8. Variety of end connections available.

All-welded In-line Filters

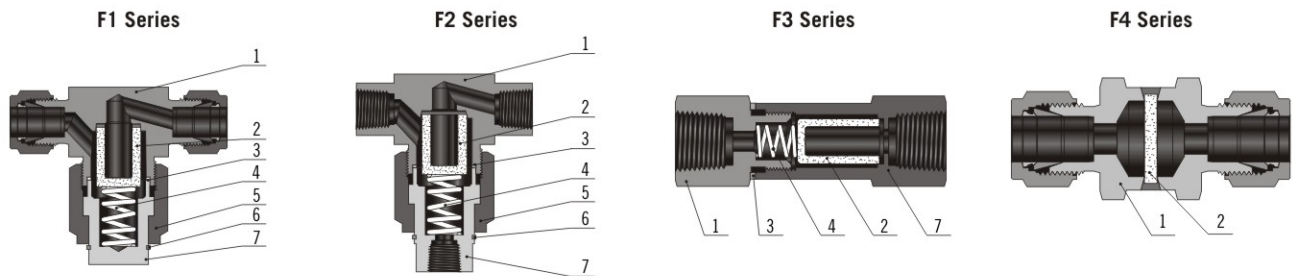
F4 Series

1. Large filtration area and high flow coefficient;
2. All-welded construction for elimination of leakage;
3. Easy cleaning of filters by backflushing;
4. Full-penetration weld between body and element;
5. Nominal pore sizes for sintered element: 0.5, 2, 7, 15, 40, 60 and 80 um;
6. Maximum working pressure: 6000 psig (414 bar);
7. Working temperature:-20°F to 900°F (-29°C to 482°C);
8. Body materials: 316 SS, 316L SS, 304 SS, 304L SS and Brass;
9. Variety of end connections available.

Pressure vs.temperature



Contact the authorized representative or FD-LOK for curve graph of other materials



Standard Material of Construction

Component		Material Grade/ASTM Specification	
		316SS	Brass
1	Body	316SS/A479	Brass/B16
2	Element	Sintered 316SS or strainer 316SS	Sintered 316SS or strainer 316SS
3	Gasket	PTFE/D1710 or silver-plated 316SS/A240	PTFE/D1710 or aluminum/B209
4	Spring	302SS/A313	302SS/A313
5	Bonnet Nut	316SS/A479	Brass/B16
6	Backup Ring	316SS/A276	
7	Bonnet	316SS/A479	Brass/B16

- 1. F4 Series filters not available in bass
- 2. Lubricants: molybdenum disulfide-based and silicone-based

Maximum Differential Pressure Clean Filter at 70°F (20°C)

Series	Maximum Differential Pressure psig (bar)										
	0.5 Micron	2 Micron	7 Micron	15 Micron	40 Micron	60 Micron	80 Micron	100 Micron	150 Micron	250 Micron	450 Micron
F1, F2, F3	2250 (155.2)	2250 (155.2)	1950 (134.2)	1750 (120.3)	1150 (79.3)	1150 (79.3)	1000 (68.9)	1000 (68.9)	1000 (68.9)	1000 (68.9)	1000 (68.9)
F4	600 (41.4)	100 (6.9)	100 (6.9)	100 (6.9)	—	—	—	—	—	—	—

Elements

Nominal Pore Sizes um	Pore Sizes Range um	Elements Type
0.5	0.5 to 2	Sintered
2	1 to 4	
7	5 to 10	
15	11 to 25	
40	35 to 53	
60	50 to 75	
80	70 to 95	Strainer
100	—	
150	—	
250	—	
450	—	

Flow Data at 70°F (20°C)

F1,F2 Series

Pressure Drop to Atmosphere Δ p psig(bar)	2 Series		4 Series		6,8 Series	
	Water Flow U.S.gal(L/min)	Air Flow std ft³/min (std L/min)	Water Flow U.S.gal(L/min)	Air Flow std ft³/min (std L/min)	Water Flow U.S.gal(L/min)	Air Flow std ft³/min (std L/min)
	0.5 Micron Cv=0.035		0.5 Micron Cv=0.035		0.5 Micron Cv=0.052	
5(0.34)	0.07(0.26)	0.4(11.3)	0.07(0.26)	0.4(11.3)	0.11(0.43)	0.47(13.3)
10(0.69)	0.11(0.42)	0.5(14.2)	0.11(0.42)	0.5(14.2)	0.16(0.62)	0.74(21.0)
50(3.45)	0.25(0.95)	1.33(37.7)	0.25(0.95)	1.33(37.7)	0.36(1.38)	1.96(55.5)
	2 Micron Cv=0.068		2 Micron Cv=0.072		2 Micron Cv=0.096	
5(0.34)	0.15(0.56)	0.77(21.8)	0.16(0.60)	0.82(23.2)	0.21(1.81)	1.09(30.9)
10(0.69)	0.22(0.83)	0.97(27.5)	0.22(0.83)	1.02(28.9)	0.30(1.14)	1.37(38.8)
50(3.45)	0.48(1.81)	2.58(73.1)	0.51(1.93)	2.72(77.0)	0.67(2.53)	3.64(103.1)
	7 Micron Cv=0.158		7 Micron Cv=0.165		7 Micron Cv=0.35	
5(0.34)	0.35(1.32)	1.80(51.0)	0.37(1.40)	1.83(53.2)	0.78(2.96)	4.00(113.3)
10(0.69)	0.50(1.89)	2.25(63.7)	0.52(1.96)	2.35(66.5)	1.10(4.18)	5.00(141.6)
50(3.45)	1.12(4.22)	5.89(169.3)	1.16(4.38)	6.25(177.0)	2.47(9.35)	13.3(376.6)
	15 Micron Cv=0.19		15 Micron Cv=0.20		15 Micron Cv=0.37	
5(0.34)	0.42(1.61)	2.16(61.2)	0.44(1.66)	2.28(64.6)	0.82(3.12)	4.20(118.9)
10(0.69)	0.60(2.27)	2.71(76.7)	0.63(2.38)	2.85(80.7)	0.82(3.12)	5.28(149.5)
50(3.45)	1.34(5.06)	7.20(203.9)	1.41(5.33)	7.58(214.6)	2.61(9.88)	14.00(396.4)
	40 Micron Cv=0.23		40 Micron Cv=0.24		40 Micron Cv=0.42	
5(0.34)	0.51(1.94)	2.62(74.2)	0.54(2.04)	2.74(77.6)	0.93(3.54)	4.80(135.9)
10(0.69)	0.73(2.76)	3.28(96.8)	0.76(2.87)	3.42(96.8)	1.32(5.02)	6.00(169.9)
50(3.45)	1.63(6.16)	8.74(247.5)	1.70(6.42)	9.11(258.0)	2.96(11.20)	15.90(450.2)
	60 Micron Cv=0.24		60 Micron Cv=0.25		60 Micron Cv=0.45	
5(0.34)	0.54(2.04)	2.74(77.6)	0.56(2.11)	2.85(80.7)	1.00(3.78)	5.10(144.4)
10(0.69)	0.76(2.87)	3.42(96.8)	0.79(2.90)	3.57(101.1)	1.42(5.37)	6.40(181.2)
50(3.45)	1.70(6.42)	9.11(258.0)	1.77(6.70)	9.49(268.7)	3.18(12.00)	17.00(481.4)
	80 Micron Cv=0.25		80 Micron Cv=0.26		80 Micron Cv=0.67	
5(0.34)	0.56(2.11)	2.85(80.7)	0.58(2.19)	2.96(83.8)	1.49(5.66)	7.64(216.3)
10(0.69)	0.79(2.98)	3.57(101.1)	0.82(3.10)	3.70(104.8)	2.11(5.89)	9.55(270.4)
50(3.45)	1.77(6.70)	9.49(268.7)	1.84(6.95)	9.80(277.5)	4.73(17.90)	25.40(719.2)
	100 Micron Cv=0.27		100 Micron Cv=0.28		100 Micron Cv=0.72	
5(0.34)	0.60(2.27)	3.08(87.2)	0.62(2.34)	3.20(90.6)	1.61(6.08)	8.20(232.2)
10(0.69)	0.85(3.21)	3.85(109.0)	0.88(3.30)	4.00(113.2)	2.27(8.61)	10.20(288.8)
50(3.45)	1.91(7.22)	10.20(288.8)	1.98(7.48)	5.30(150.1)	5.09(19.20)	27.20(770.2)
	150,250,450 Micron Cv=0.55		150, 250, 450 Micron Cv=0.58		150, 250, 450 Micron Cv=0.80	
5(0.34)	1.23(4.65)	6.28(177.8)	1.30(4.91)	6.60(186.9)	1.83(6.93)	9.36(265.0)
10(0.69)	1.74(6.58)	7.85(222.3)	1.83(6.91)	8.20(232.2)	2.59(9.80)	11.70(331.3)
50(3.45)	3.89(14.70)	20.80(589.0)	4.10(15.50)	21.9(620.1)	5.79(21.90)	27.20(770.2)

Flow Data at 70°F (20°C)

F3 Series

Pressure Drop to Atmosphere Δ p psig(bar)	2 Series		4 Series		6,8 Series	
	Water Flow U.S.gal(L/min)	Air Flow std ft³/min (std L/min)	Water Flow U.S.gal(L/min)	Air Flow std ft³/min (std L/min)	Water Flow U.S.gal(L/min)	Air Flow std ft³/min (std L/min)
	0.5 Micron Cv=0.008		0.5 Micron Cv=0.038		0.5 Micron Cv=0.187	
5(0.34)	0.01(0.03)	0.09(2.6)	0.08(0.30)	0.42(11.9)	0.41(1.45)	2.09(59.2)
10(0.69)	0.02(0.07)	0.11(3.1)	0.12(0.45)	0.52(14.7)	0.59(2.23)	2.56(72.5)
50(3.45)	0.05(0.18)	0.30(8.5)	0.26(0.98)	1.72(4.02)	1.32(4.98)	6.99(197.9)
	2 Micron Cv=0.022		2 Micron Cv=0.106		2 Micron Cv=0.374	
5(0.34)	0.04(0.15)	0.24(6.8)	0.23(0.86)	1.18(33.4)	0.83(3.13)	4.2(118.9)
10(0.69)	0.06(0.22)	0.30(8.5)	0.42(1.58)	1.45(41.1)	1.18(4.46)	5.13(145.3)
50(3.45)	0.15(0.56)	0.82(23.2)	0.74(2.79)	3.96(112.1)	2.64(9.97)	14.00(396.4)
	7 Micron Cv=0.28		7 Micron Cv=0.112		7 Micron Cv=0.406	
5(0.34)	0.06(0.22)	0.3.1(8.7)	0.25(0.94)	1.26(35.7)	0.90(3.40)	4.56(129.1)
10(0.69)	0.80(0.06)	0.38(10.8)	0.35(1.32)	1.54(43.6)	1.28(4.83)	5.57(157.7)
50(3.45)	0.19(0.71)	1.05(29.7)	0.79(2.98)	4.20(118.9)	2.87(10.80)	15.2(430.4)
	15 Micron Cv=0.096		15 Micron Cv=0.183		15 Micron Cv=0.515	
5(0.34)	0.21(0.79)	1.08(30.6)	0.40(1.51)	2.05(58.0)	1.15(4.37)	5.78(163.7)
10(0.69)	0.30(1.13)	1.32(37.4)	0.57(2.15)	2.50(70.8)	1.62(6.12)	7.07(200.2)
50(3.45)	0.67(2.53)	3.60(101.9)	1.29(4.87)	6.80(192.6)	3.64(13.70)	19.2(543.7)
	40 Micron Cv=0.143		40 Micron Cv=0.294		40 Micron Cv=0.678	
5(0.34)	0.32(1.20)	1.60(43.7)	0.65(2.45)	3.3(93.4)	1.51(5.70)	7.72(218.6)
10(0.69)	0.45(1.70)	1.95(55.2)	0.92(3.47)	4.03(114.1)	2.14(8.08)	9.43(267.0)
50(3.45)	1.01(3.81)	5.54(151.2)	2.07(7.82)	11.0(311.5)	4.79(18.10)	25.70(727.7)
	60 Micron Cv=0.168		60 Micron Cv=0.325		60 Micron Cv=0.874	
5(0.34)	0.37(1.39)	1.89(53.5)	0.72(2.72)	3.57(101.0)	1.95(7.37)	9.81(277.8)
10(0.69)	0.53(2.00)	2.31(65.4)	1.02(3.85)	4.46(126.3)	2.76(10.40)	11.90(337.0)
50(3.45)	1.18(4.46)	63.0(178.4)	2.29(8.86)	12.10(342.6)	6.18(23.30)	32.70(926.0)
	80 Micron Cv=0.198		80 Micron Cv=0.473		80 Micron Cv=1.106	
5(0.34)	0.44(1.66)	2.22(62.3)	1.05(3.96)	5.31(150.4)	2.47(9.33)	12.40(351.1)
10(0.69)	0.62(2.34)	2.71(76.7)	1.49(5.63)	6.49(183.8)	3.49(13.10)	15.10(427.6)
50(3.45)	1.40(5.29)	7.41(209.8)	3.34(12.60)	17.70(501.2)	7.82(29.50)	41.40(1172.3)
	100 Micron Cv=0.220		100 Micron Cv=0.565		100 Micron Cv=1.218	
5(0.34)	0.49(1.85)	2.47(69.9)	1.26(4.74)	6.35(179.8)	2.72(10.20)	13.60(385.1)
10(0.69)	0.69(2.60)	3.02(85.5)	1.78(6.72)	7.76(219.7)	3.85(14.50)	16.70(472.9)
50(3.45)	1.55(5.85)	8.25(233.6)	3.99(15.00)	21.10(597.5)	8.61(32.50)	45.60(1291.2)
	150, 250, 450 Micron Cv=0.264		150, 250, 450 Micron Cv=0.780		150, 250, 450 Micron Cv=2.413	
5(0.34)	0.49(1.85)	2.97(84.1)	1.74(6.57)	8.70(246.3)	5.39(20.30)	27.00(764.6)
10(0.69)	0.69(2.60)	3.63(102.8)	2.46(9.29)	10.70(303.0)	7.63(28.80)	33.10(937.3)
50(3.45)	1.55(5.85)	9.90(280.3)	5.51(20.80)	29.20(826.9)	17.00(64.20)	90.30(2557.0)

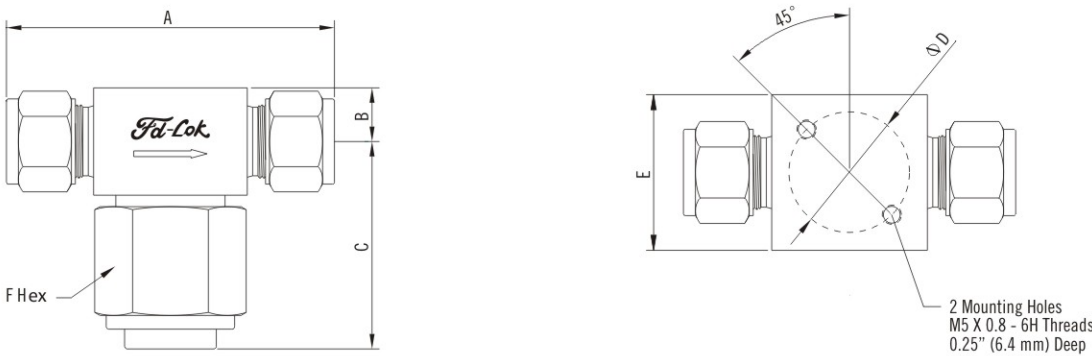
Flow Data at 70°F (20°C)

F4 Series

Pressure Drop to Atmosphere Δ p psig(bar)	4 Series	
	Water Flow U.S.gal(L/min)	Air Flow std ft³/min (std L/min)
0.5 Micron Cv=0.035		
5(0.34)	0.01(0.03)	0.09(2.6)
10(0.69)	0.02(0.07)	0.11(3.1)
50(3.45)	0.05(0.18)	0.30(8.5)
2 Micron Cv=0.42		
5(0.34)	0.93(3.50)	4.72(133.7)
10(0.69)	1.32(4.98)	5.77(163.4)
50(3.45)	2.96(11.10)	15.70(444.6)
5 Micron Cv=0.45		
5(0.34)	1.00(3.78)	5.04(142.7)
10(0.69)	1.42(5.36)	6.16(174.4)
50(3.45)	3.18(12.0)	6.80(475.7)
15 Micron Cv=0.76		
5(0.34)	1.69(6.22)	8.55(242.1)
10(0.69)	2.40(9.07)	10.40(294.5)
50(3.45)	5.37(20.30)	28.50(807.0)

Dimensions

F1 Series

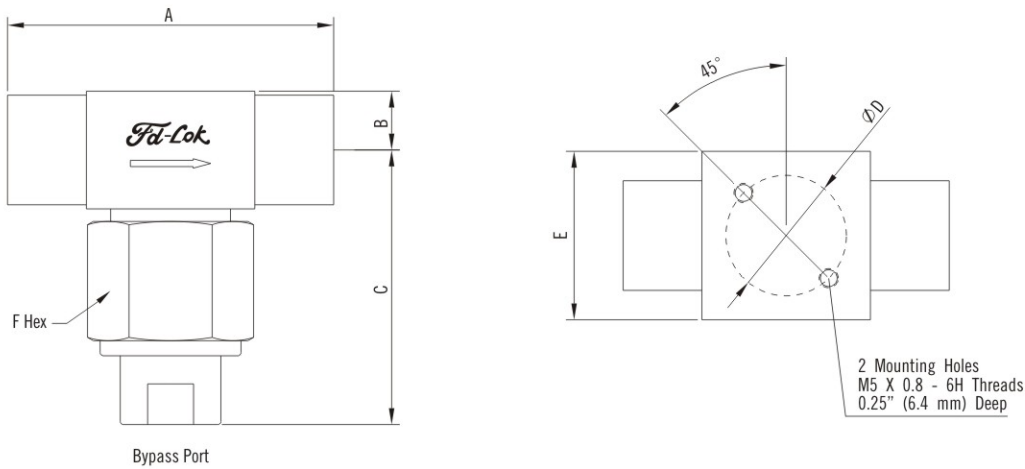


Basic Ordering Number	Connection Type and Size		Dimension, in. (mm)					
	Inlet	Outlet	A	B	C	ΦD	E	F
-F1-S2-	1/8" FD-LOK	1/8" FD-LOK	2.27(57.7)	0.38(9.7)	1.49(37.8)	1.0(25.4)	1.0(25.4)	1.0(25.4)
-F1-S4-	1/4" FD-LOK	1/4" FD-LOK	2.47(62.7)					
-F1-S6-	3/8" FD-LOK	3/8" FD-LOK	2.84(72.1)	0.46(11.7)	1.74(44.2)	1.13(28.7)	1.13(28.7)	1 1/8(28.575)
-F1-S8-	1/2" FD-LOK	1/2" FD-LOK	3.04(77.2)					
-F1-SM6-	6mm FD-LOK	6mm FD-LOK	2.46(62.5)	0.38(9.7)	1.49(37.8)	1.0(25.4)	1.0(25.4)	1.0(25.4)
-F1-SM8-	8mm FD-LOK	8mm FD-LOK	2.84(72.1)	0.46(11.7)	1.74(44.2)	1.13(28.7)	1.13(28.7)	1 1/8(28.575)
-F1-SM10-	10mm FD-LOK	10mm FD-LOK	2.86(72.6)					
-F1-SM12-	12mm FD-LOK	12mm FD-LOK	3.04(77.2)					
-F1--F2-	1/8 Female NPT	1/8 Female NPT	2.00(50.8)	0.38(9.7)	1.49(37.8)	1.0(25.4)	1.0(25.4)	1.0(25.4)
-F1-F4-	1/4 Female NPT	1/4 Female NPT	2.13(54.1)					
-F1-M4-	1/4 Male NPT	1/4 Male NPT						
-F1-M6-	3/8 Male NPT	3/8 Male NPT	2.38(60.5)	0.46(11.7)	1.74(44.2)	1.13(28.7)	1.13(28.7)	1 1/8(28.575)
-F1-M8-	1/2 Male NPT	1/2 Male NPT	2.75(69.9)					

Mounting holes not available with 1/4 female NPT end connections

Dimensions

F2 Series

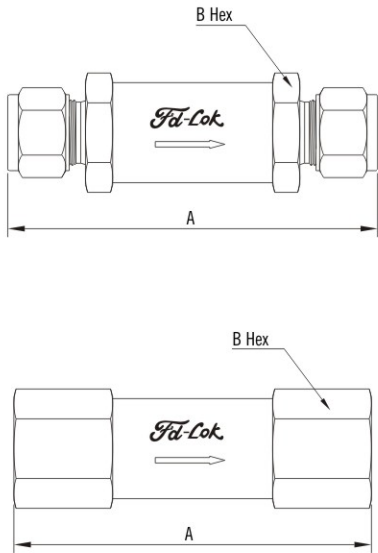


Basic Ordering Number	Connection Type and Size		Dimension,in.(mm)					
	Inlet	Outlet	A	B	C	ΦD	E	F
-F2-S2-	1/8" FD-LOK	1/8" FD-LOK	2.27(57.7)	0.38(9.7)	1.98(50.2)	1.0(25.4)	1.0(25.4)	1.0(25.4)
-F2-S4-	1/4" FD-LOK	1/4" FD-LOK	2.47(62.7)		2.44(61.9)			
-F2-S6-	3/8" FD-LOK	3/8" FD-LOK	2.84(72.1)	0.46(11.7)	2.74(69.1)	1.13(28.7)	1.13(28.7)	1 1/8(28.575)
-F2-S8-	1/2" FD-LOK	1/2" FD-LOK	3.04(77.2)		2.96(74.2)			
-F2-SM6-	6mm FD-LOK	6mm FD-LOK	2.46(62.5)	0.38(9.7)	2.44(61.9)	1.0(25.4)	1.0(25.4)	1.0(25.4)
-F2-SM8-	8mm FD-LOK	8mm FD-LOK	2.84(72.1)	0.46(11.7)	2.74(69.1)	1.13(28.7)	1.13(28.7)	1 1/8(28.575)
-F2-SM10-	10mm FD-LOK	10mm FD-LOK	2.86(72.6)		2.96(74.2)			
-F2-SM12-	12mm FD-LOK	12mm FD-LOK	3.04(77.2)					
-F2--F2-	1/8 Female NPT	1/8 Female NPT	2.00(50.8)	0.38(9.7)	1.71(43.4)	1.0(25.4)	1.0(25.4)	1.0(25.4)
-F2-F4-	1/4 Female NPT	1/4 Female NPT	2.13(54.1)					
-F2-M4-	1/4 Male NPT	1/4 Male NPT						
-F2-M6-	3/8 Male NPT	3/8 Male NPT	2.38(60.5)	0.46(11.7)	2.0(50.8)	1.13(28.7)	1.13(28.7)	1 1/8(28.575)
-F2-M8-	1/2 Male NPT	1/2 Male NPT	2.75(69.9)					

Mounting holes not available with 1/4 female NPT end connections

Dimensions

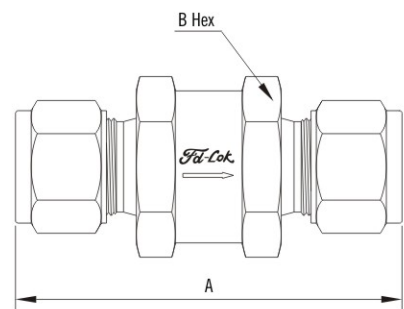
F3 Series



Basic Ordering Number	Connection Type and Size		Dimension,in.(mm)	
	Inlet	Outlet	A	B
-F3-S2-	1/8" FD-LOK	1/8" FD-LOK	2.35(59.7)	9/16(14.28)
-F3-S4-	1/4" FD-LOK	1/4" FD-LOK	2.95(74.9)	3/4(19.05)
-F3-S6-	3/8" FD-LOK	3/8" FD-LOK	3.21(81.5)	1.00(25.4)
-F3-S8-	1/2" FD-LOK	1/2" FD-LOK	3.49(88.6)	
-F3-SM3-	3mm FD-LOK	3mm FD-LOK	2.38(60.5)	9/16(14.28)
-F3-SM6-	6mm FD-LOK	6mm FD-LOK	2.96(75.2)	3/4(19.05)
-F3--F2-	1/8 Female NPT	1/8 Female NPT	2.16(54.9)	9/16(14.28)
-F3-F4-	1/4 Female NPT	1/4 Female NPT	2.87(72.9)	3/4(19.05)
-F3-M2-	1/8 Male NPT	1/8 Male NPT	1.88(47.7)	9/16(14.28)
-F3-M4-	1/4 Male NPT	1/4 Male NPT	2.69(68.3)	3/4(19.05)

Dimensions

F4 Series



Basic Ordering Number	Connection Type and Size		Orifice, in.(mm)	Dimension, in.(mm)	
	Inlet	Outlet		A	B
-F4-S4-	1/4" FD-LOK	1/4" FD-LOK	0.187(4.75)	2.15(54.6)	1.00(25.4)
-F4-SM6-	6mm FD-LOK	6mm FD-LOK	0.187(4.75)		
-F4-F4-	1/4 Female NPT	1/4 Female NPT		1.57(39.9)	
-F4-M4-	1/4 Male NPT	1/4 Male NPT	0.281(7.14)	1.89(48.0)	

Filters Ordering Information

SS - F1 - S8 - SM 10 - S - P1 50 - S4 F2

Body Material		Series	Inlet Type		Inlet Size		Outlet Type	Outlet Size	Element Type	Gasket Material	Element Nominal Pore Size	Bypass Port (for FB Series Only)		Cleaning and Packaging	
SS	316 SS	F1	F	Female NPT	2	1/8 (in.)					05			FD-01	
6L	316L SS	F2	M	Male NPT	4	1/4 (in.)		Same as Inlet	Sintered		2		Female NPT 1/8"	F2	FD-02
S4	304 SS	F3	FR	Female BSPT	6	3/8 (in.) or 6 mm		Specified in the same way as the inlet type and size	Strainer		7	S2	Fractional Tube Fitting 1/8"		
4L	304L SS	F4	MR	Male BSPT	8	1/2 (in.) or 8 mm				P	15	S4	Fractional Tube Fitting 1/4"		
S1	321 SS		FM	Female ISO (for RP)	10	10 mm				A	40	SW4	1/4" Tube Socket Weld		
B	Brass		MM	Male ISO (for RG)	12	3/4 (in.) or 12 mm					60	S6	Fractional Tube Fitting 3/8"		
			FG	Female BSPP (for RP)	14	14 mm or M14 x 1.5					80	S8	Fractional Tube Fitting 1/2"		
			MG	Male BSPP (for RG)	16	1 (in.) or 16 mm					100				
			SW	Fractional Tube Socket Weld	18	18 mm					150				
			BW	Fractional Tube Butt Weld	20	1 1/4 (in.) or 20 mm or M20 x 1.5					250				
			S	Fractional Tube Fitting	22	22 mm or M22 x 1.5					450				
			SM	Metric Tube Fitting											
			MFR	Male FR Fitting											

1. Cleaning and Packaging:
FD-01 Standard cleaning and packaging for basic industrial procedures.
FD-02 Special cleaning and packaging for wetted system components to ensure compliance requirement as stated in ASTM G93 Level C
2. Standard thread pitch for metric threads are as follows:
M10 and below: 1 mm
M12toM24: 1.5 mm
M27 and above: 2 mm
Standard thread pitch should be ignored in the ordering number; others should be specified.

Elements Ordering Information

