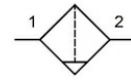


Fine filter Series FI04



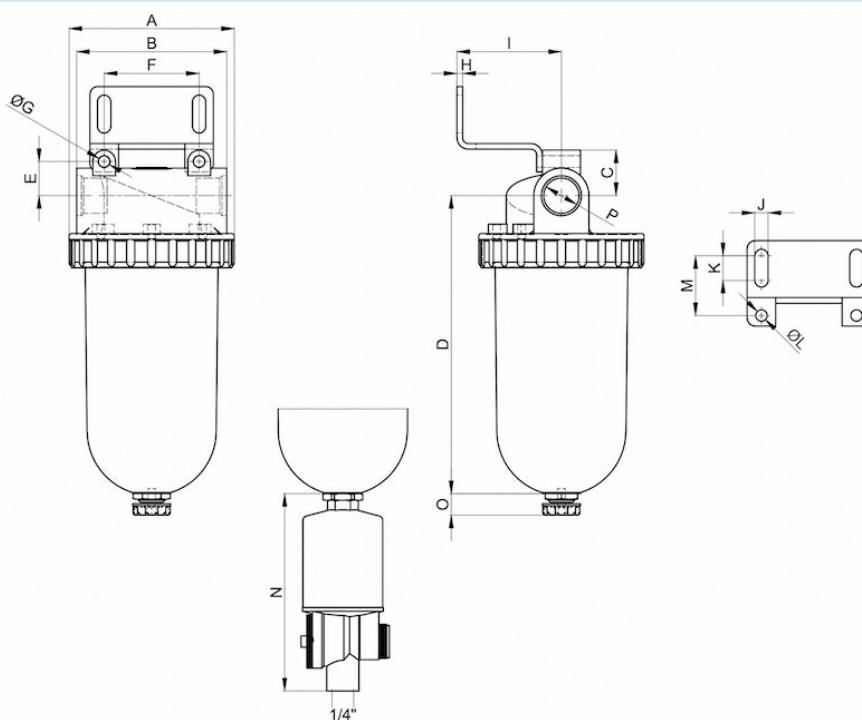
Design type	Fine filter, Filter element borosilicate-aluminium Version Plastic reservoir or rather with protective cage - semi-automatic drain valve or rather automatic drain valve Version Metal container - Manual drain valve or rather automatic drain valve
Function	Filtering of compressed air, for separating the finest oil particles
Filter element	0,01µm, Residual oil content 0,01ppm, Efficiency 99,9999%
Connection	G1/4"...G1" according to ISO228/1
Materials	Housing Zinc die casting, Condensate reservoir Polycarbonate or Metal, Seal NBR
Medium	Compressed air
Medium temperature	with plastic bowl 0...+60°C, with metal bowl 0...+60°C (with appropriately conditioned compressed air - 10...+60°C)
Ambient temperature	with plastic bowl 0...60°C, with metal bowl -10...60°C
Inlet pressure	1,5...16bar or rather 1,5...25bar loud table, with automatic drain valve 4...12bar
Flow direction	is marked by an arrow
Mounting type	Installation in piping system or Wall mounting using mounting bracket
Mounting position	vertical, Drain screw bottom
Application note	To protect the filter elements, a standard filter or pre-filter must be installed upstream. When commissioning the system, the pressure should be increased slowly so that the filter elements are not damaged.. Recommended replacement of the filter element in case of pressure drop = 0,35bar



Type code

	FI04-	38	H	-	P	-	F0,01	-	A
	G1/4"	14							
	G3/8"	38							
	G1/2"	12							
	G3/4"	34							
Connection	G1"	10							
	Standard (Leave blank)								
Flow rate	high flow rate		H						
	Plastic reservoir (Leave blank)								
	Plastic reservoir with protective cage				P				
Reservoir	Metal container				M				
Filter element	0,01µm					F0,01			
	semi-automatic drain valve or rather Manual drain valve (Leave blank)								
Drain valve	automatic drain valve							A	

Dimensional drawing



Connection P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Type
G1/4"	57	55	19	120	14	38	5,3	3	40	5,4	8	M5	24	104	11,5	FI04-14
G3/8"	57	48	19	120	14	38	5,3	3	40	5,4	8	M5	24	104	11,5	FI04-38
G3/8"	76	70	22	134	16	50	6,2	3	53	7	13	M6	31,5	104	11,5	FI04-38H
G1/2"	87	79	24	157	18	50	6,2	3	55	7	13	M6	31,5	104	11,5	FI04-12
G3/4"	133	133	36	204	29	97	8,4	3	74	8,4	16	M8	35,5	104	11,5	FI04-34
G1"	133	121	36	204	29	97	8,4	3	74	8,4	16	M8	35,5	104	11,5	FI04-10



Connection	Flow rate at 6 bar* [Nl/min]	max. Inlet pressure [bar]	Weight [kg]	Type
G1/4"	380	16	0,40	FI04-14-F0,01
G1/4"	380	16	0,45	FI04-14-P-F0,01
G1/4"	380	25	0,46	FI04-14-M-F0,01
G3/8"	380	16	0,37	FI04-38-F0,01
G3/8"	380	16	0,42	FI04-38-P-F0,01
G3/8"	380	25	0,43	FI04-38-M-F0,01
G3/8"	380	16	0,6	FI04-38H-F0,01
G3/8"	380	16	0,7	FI04-38H-P-F0,01
G3/8"	380	25	0,7	FI04-38H-M-F0,01
G1/2"	850	16	0,9	FI04-12-F0,01
G1/2"	850	16	1,1	FI04-12-P-F0,01
G1/2"	850	25	1,1	FI04-12-M-F0,01
G3/4"	4000	16	2,0	FI04-34-F0,01
G3/4"	4000	25	2,7	FI04-34-M-F0,01
G1"	4000	16	1,8	FI04-10-F0,01
G1"	4000	25	2,5	FI04-10-M-F0,01

*Flow rate at inlet pressure 6 bar and 0.2 bar pressure drop - 6bar/ $\Delta p=0,2$ bar

Accessories

Designation	Type
Holding angle (complete) for G1/4" and G3/8" (Type FI04-38)	MMB04-14/38-F0,01
Holding angle (complete) for G3/8" (Type FI04-38H) and G1/2	MMB04-38H/12-F0,01
Holding angle (complete) for G3/4" and G1"	MMB04-34/10-F0,01

Illustrations non-binding

Design, dimensional and material changes reserved

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Version 9

139208 / Generated 2026/39 EN

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Page 3 / 3

