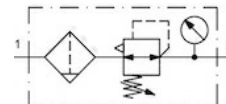


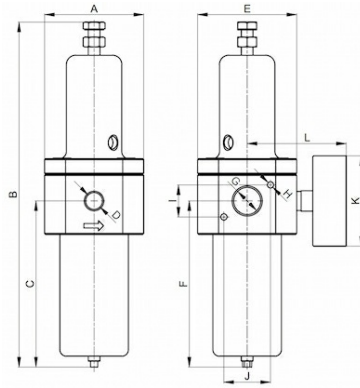
Filter regulator Series FR09



Design type	Filter regulator with secondary venting, Filter element Stainless steel, without sight glass, Draining via sealing screw
Function	Control of secondary pressure and filtration of compressed air
Filter element	50µm
Connection	G1/4"...G1" according to ISO228/1
Materials	Housing and Reservoir Stainless steel AISI316L, Seals HNBR
Medium	Compressed air, other media on request
Mounting type	Installation in piping system, Installation in piping system, Wall mounting using mounting bracket
Medium temperature	0...+100°C (with appropriately conditioned compressed air -40...+100°C)
Ambient temperature	-40...+60°C
Inlet pressure	max. 60bar T > 80°C max. 50bar
Control ranges	0,3...3/ 0,5...8/ 0,5...17,2bar
Flow direction	is marked by an arrow
Mounting position	vertical, Drain screw bottom
Scope of delivery	including stainless steel pressure gauge
Special version	Seals EPDM, FKM, Silicone Medium temperature -60...+230°C Filter element 5µm, 25µm Control range 2,5...25/ 5...50bar



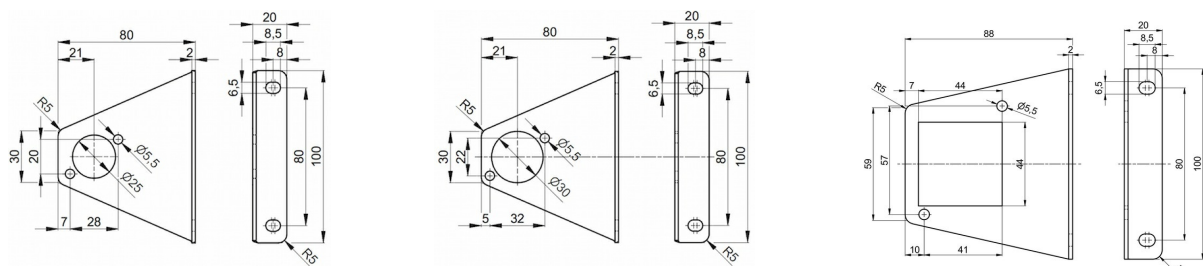
Dimensional drawing



Connection G	A	B	C	D	E	F	H	I	J	K	L	Flow rate* [Nl/min]	Inlet pressure [bar]	Pressure range [bar]	Weight [approx. kg]	Type
G1/4"	62	234	112	G1/4"	62	112	M5	20	28	50	63	4160	60	0,3...3	1,6	FR09-14-0.3/3
G1/4"	62	234	112	G1/4"	62	112	M5	20	28	50	63	4160	60	0,5...8	1,6	FR09-14-0.5/8
G1/4"	62	234	112	G1/4"	62	112	M5	20	28	50	63	4160	60	0,5...17,2	1,6	FR09-14-0.5/17.2
G3/8"	62	234	112	G1/4"	62	112	M5	20	28	50	63	4160	60	0,3...3	1,6	FR09-38-0.3/3
G3/8"	62	234	112	G1/4"	62	112	M5	20	28	50	63	4160	60	0,5...8	1,6	FR09-38-0.5/8
G3/8"	62	234	112	G1/4"	62	112	M5	20	28	50	63	4160	60	0,5...17,2	1,6	FR09-38-0.5/17.2
G1/2"	68	237	114	G1/4"	68	114	M5	22	32	50	66	5160	60	0,3...3	2,3	FR09-12-0.3/3
G1/2"	68	237	114	G1/4"	68	114	M5	22	32	50	66	5160	60	0,5...8	2,3	FR09-12-0.5/8
G1/2"	68	237	114	G1/4"	68	114	M5	22	32	50	66	5160	60	0,5...17,2	2,3	FR09-12-0.5/17.2
G3/4"	68	237	114	G1/4"	68	114	M5	22	32	50	66	5160	60	0,3...3	2,3	FR09-34-0.3/3
G3/4"	68	237	114	G1/4"	68	114	M5	22	32	50	66	5160	60	0,5...8	2,3	FR09-34-0.5/8
G3/4"	68	237	114	G1/4"	68	114	M5	22	32	50	66	5160	60	0,5...17,2	2,3	FR09-34-0.5/17.2
G3/4"	124	263	123	G1/4"	88	123	M5	57	33	50	73	14000	60	0,3...3	4,2	FR09-34H-0.3/3
G3/4"	124	263	123	G1/4"	88	123	M5	57	33	50	73	14000	60	0,5...8	4,2	FR09-34H-0.5/8
G3/4"	124	263	123	G1/4"	88	123	M5	57	33	50	73	14000	60	0,5...17,2	4,2	FR09-34H-0.5/17.2
G1"	124	263	123	G1/4"	88	123	M5	57	33	50	73	14000	60	0,3...3	4,2	FR09-10-0.3/3
G1"	124	263	123	G1/4"	88	123	M5	57	33	50	73	14000	60	0,5...8	4,2	FR09-10-0.5/8
G1"	124	263	123	G1/4"	88	123	M5	57	33	50	73	14000	60	0,5...17,2	4,2	FR09-10-0.5/17.2

* Flow rate at an inlet pressure of 10 bar, outlet pressure of 6.3 bar and 1 bar pressure drop

Zubehör



MB09-14/38

MB09-12/34

MB09-34H/10

Designation	Type
Mounting bracket kit (complete) for FR09-14/38	MB09-14/38
Mounting bracket kit (complete) for FR09-12/34	MB09-12/34
Mounting bracket kit (complete) for FR09-34H/10	MB09-34H/10

Illustrations non-binding



