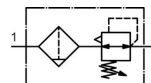


Filter regulator G3/4" Series Modul FR03



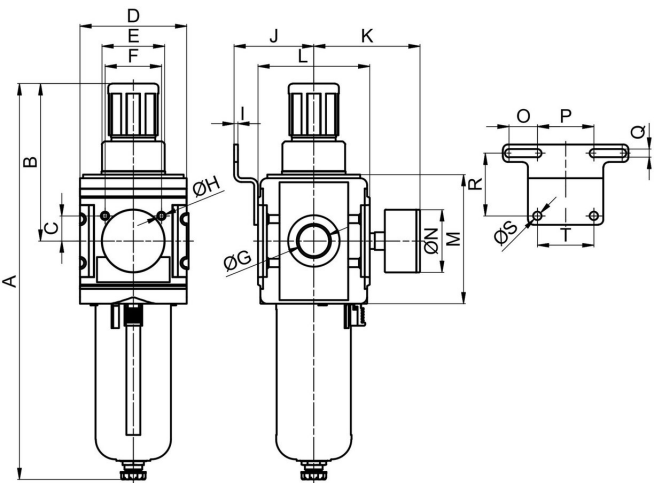
Design type	Diaphragm pressure regulator with secondary venting, Centrifugal force principle filter, Sintered filter element, semi-automatic drain valve and Intrinsic air consumption of max. 1,5NI/min
Function	Secondary pressure regulation
Locking mechanism	Pressure setting can be locked by pressing in the rotary knob
Filter element	5µm
Connection	G3/4" according to ISO228/1
Materials	Housing Zinc die casting, Plastic bowl with protective guard Polycarbonate/PA or Metal, Seals NBR, Spring cap POM
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
Control ranges	0,1...3/0,2...6/0,5...10 and 0,5...16bar
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
Scope of delivery	including pressure gauge

Type code

		FR03 - 34 H - 0,1/3 - P - A									
Connection	3/4"	34									
Flow rate	high flow rate	H									
Pressure range	0,1...3bar		0,1/3								
	0,2...6bar		0,2/6								
	0,5...10bar		0,5/10								
	0,5...16bar		0,5/16								
Reservoir	Plastic reservoir with protective cage						P				
	Metal container with sight tube						M				
Drain valve	semi-automatic drain valve (Leave blank)										
	automatic drain valve							A			



Dimensional drawing

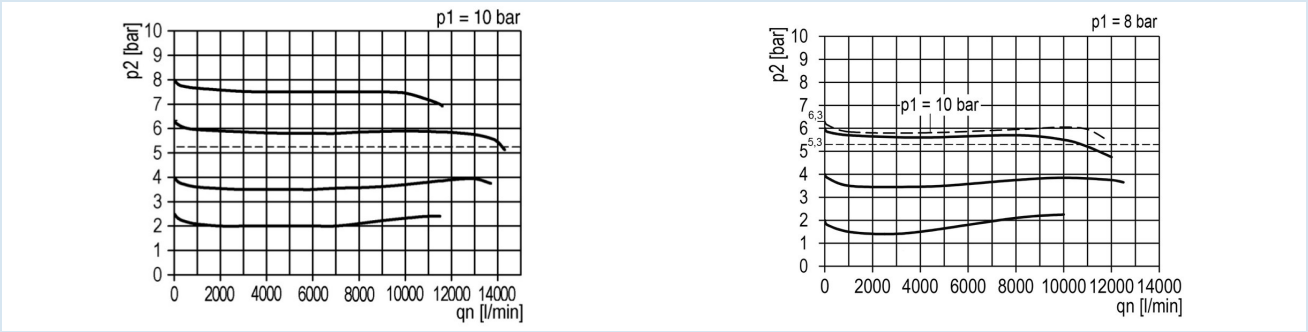


Connection G	A	B	C	D	E	F	H	I	J	K	L	M	N	O	P	Q	R	S	T
G3/4"	315	125	20	85	M50x1,5	45	M6	3	63,5	84,5	89	103	50	22,5	45	6,5	50	6,5	45

Connection	Flow rate at 6.3 bar* [Nl/min]	Flow rate at 6 bar* [Nl/min]	max. Inlet pressure [bar]	Pressure range [bar]	Weight [approx. kg]	Type
G3/4"	14000	11400	16	0,1...3	1,3	FR03-34H-0,1/3-P
G3/4"	14000	11400	16	0,2...6	1,3	FR03-34H-0,2/6-P
G3/4"	14000	11400	16	0,5...10	1,3	FR03-34H-0,5/10-P
G3/4"	14000	11400	16	0,5...16	1,3	FR03-34H-0,5/16-P
G3/4"	14000	11400	16	0,1...3	1,8	FR03-34H-0,1/3-M
G3/4"	14000	11400	16	0,2...6	1,8	FR03-34H-0,2/6-M
G3/4"	14000	11400	16	0,5...10	1,8	FR03-34H-0,5/10-M
G3/4"	14000	11400	16	0,5...16	1,8	FR03-34H-0,5/16-M

see positionersee positioner

Flow diagrams for Control range 0,5...10 bar



Accessories

Designation	Type
Holding angle with 2 screws	MMB03-34H/10

Illustrations non-binding
Design, dimensional and material changes reserved