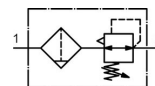


Filter regulator G1" Series Modul FR03



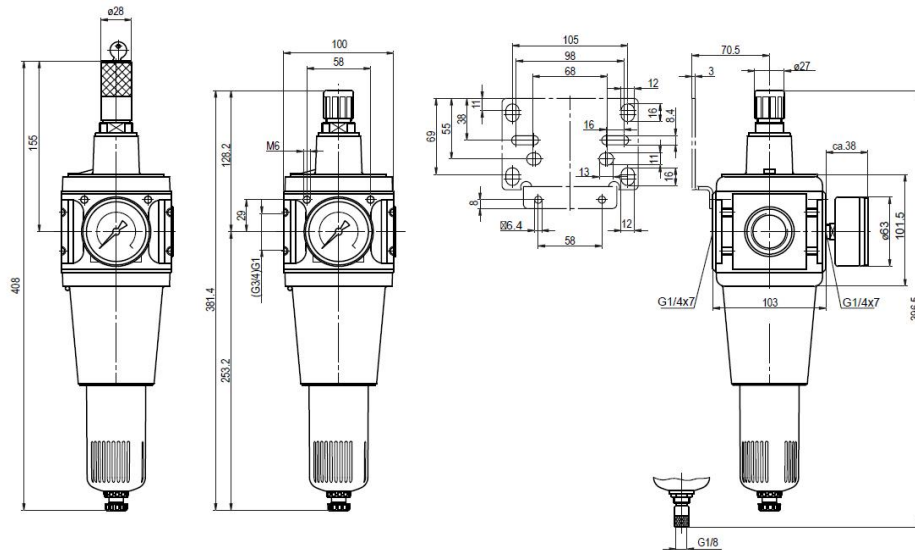
Design type	Diaphragm pressure regulator with secondary venting, Centrifugal force principle filter, Sintered filter element, semi-automatic drain valve and intrinsic air consumption of max. 0,5NI/min
Function	Secondary pressure regulation
Locking mechanism	Pressure setting can be locked by pressing in the rotary knob
Filter element	5µm
Connection	G1" according to ISO228/1
Materials	Housing Aluminium, Condensate reservoir Polycarbonate 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	maximum 16bar, with automatic drain valve 1,5...16bar
Control ranges	0,1...3bar and 0,5...10bar (0,2...6bar and 0,5...16bar on request)
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 - 10 H - 0,1/3 - P - A	
Connection	1" 10
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 (Leave blank)
	Plastic reservoir with protective cage P
	Metal container M
Drain valve	semi-automatic drain valve (Leave blank)
	automatic drain valve A



Dimensions



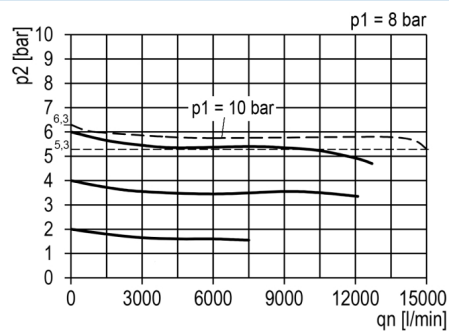
semi-automatic drain valve

automatic drain valve

Connection	Flow rate at 6 bar* [Nl/min]	max. inlet pressure [bar]	Pressure range [bar]	Type
G 1"	12000	16	0,1...3	FR03-10H-0,1/3
G 1"	12000	16	0,5...10	FR03-10H-0,5/10
G 1"	12000	16	0,1...3	FR03-10H-0,1/3-P
G 1"	12000	16	0,5...10	FR03-10H-0,5/10-P
G 1"	12000	16	0,1...3	FR03-10H-0,1/3-M
G 1"	12000	16	0,5...10	FR03-10H-0,5/10-M

*Flow rate data at an inlet pressure of 8 bar, an outlet pressure of 6 bar and a pressure drop of 1 bar

Flow diagram for control range 0,5...10bar



Accessories

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

Illustrations non-binding

Design, dimensional and material changes reserved

