

Maintenance unit G1/4" and G3/8" Series MU203



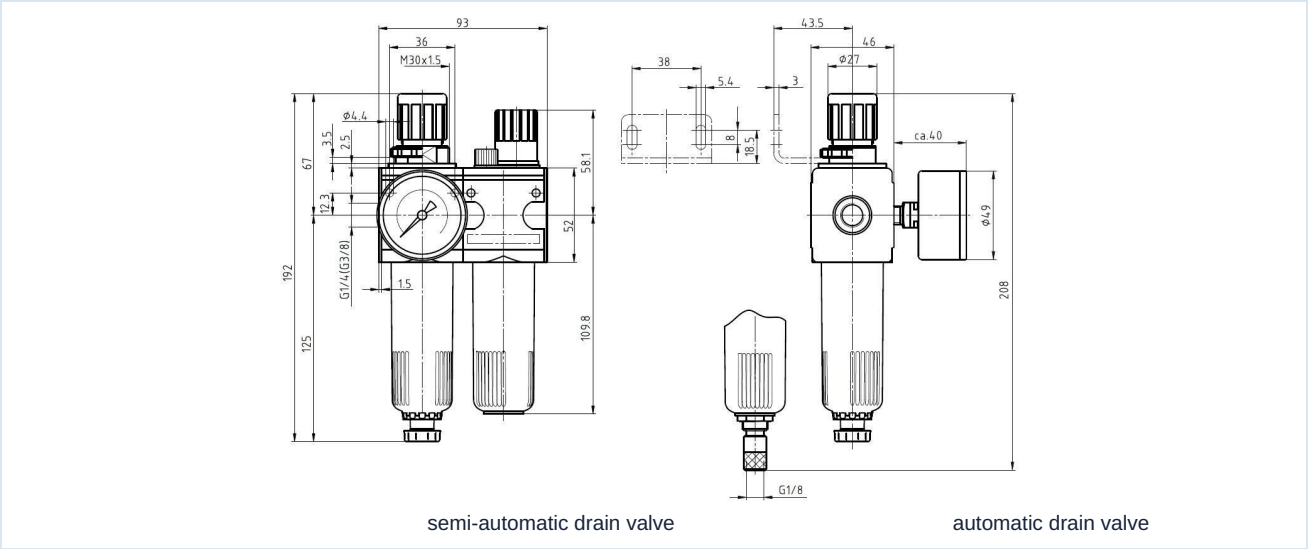
Design type	Diaphragm pressure regulator with secondary venting, Centrifugal force principle filter, Sintered filter element, semi-automatic drain valve, Proportional lubricator
Connection	G1/4" and G3/8" according to ISO228/1
Materials	Housing Zinc die casting, Oil and condensate reservoir Polycarbonate or Metal, Seals NBR, Knob POM
Function	Pressure regulation with filtration and enrichment of the compressed air with oil
Locking mechanism	Pressure setting can be locked by pressing in the rotary knob
Filter element	5µm
Mounting type	Installation in piping system, Locknut or Wall mounting using mounting bracket
Mounting position	vertical, Drain screw bottom
Medium	Compressed air
Oil recommendation	HP32A (Temperature range 0...50°C), NR32 (Temperature range -35...85°C)
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	0,5...10bar (0,1...3bar / 0,2...6bar / 0,5...16bar on request)
Flow direction	is marked by an arrow
Scope of delivery	including pressure gauge

Order code

MU203 - 14 H - 0,5/3 - P - A	
Connection	1/4" 14
Connection	3/8" 38
Flow rate	Standard (Leave blank)
Flow rate	high flow rate H
Pressure range	0,1...3bar 0,1/3
Pressure range	0,2...6bar 0,2/6
Pressure range	0,5...10bar 0,5/10
Pressure range	0,5...16bar 0,5/16
Reservoir	Plastic reservoir (Leave blank)
Reservoir	Plastic reservoir with protective cage P
Reservoir	Metal container M
Drain valve	semi-automatic drain valve (Leave blank)
Drain valve	automatic drain valve A



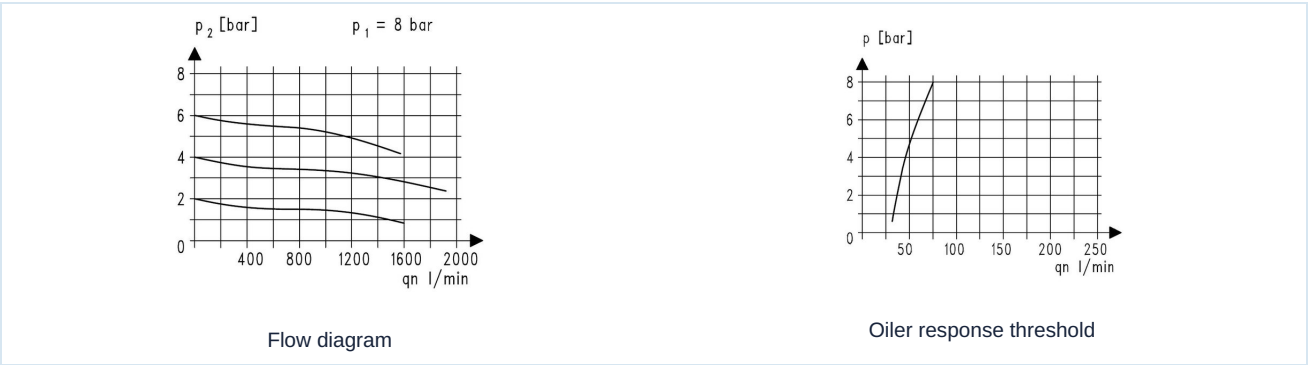
Dimensional drawing, Characteristics



Connection	Flow rate at 6 bar* [Nl/min]	max. Inlet pressure [bar]	Pressure range [bar]	Type
G1/4"	1100	16	0,5...10	MU203-14H-0,5/10
G1/4"	1100	16	0,5...10	MU203-14H-0,5/10-P
G1/4"	1100	16	0,5...10	MU203-14H-0,5/10-M
G3/8"	1100	16	0,5...10	MU203-38-0,5/10
G3/8"	1100	16	0,5...10	MU203-38-0,5/10-P
G3/8"	1100	16	0,5...10	MU203-38-0,5/10-M

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

Flow diagram, Oiler response threshold



Accessories

Designation	Type
Locknut M30x1,5	MPN03-18/38
Holding angle with neck nut M30x1,5	MMP03-18/38
Holding angle with 2 screws	MMB03-14H/38

Illustrations non-binding
Design, dimensional and material changes reserved