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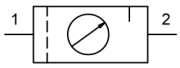
# Maintenance unit G1/4" and G3/8" Series MU303




| | |
|---|---|
| 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 | Secondary pressure regulation |
| 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 |



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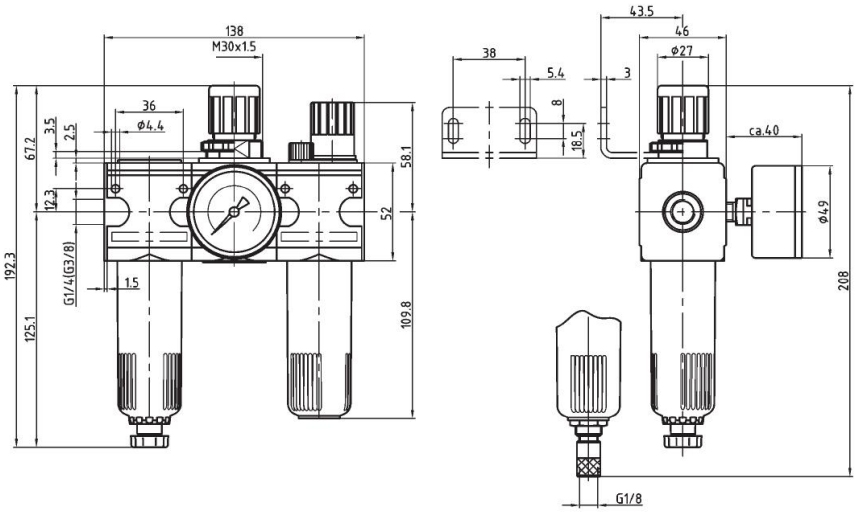
## Order code

| | | MU303 - 14 H - 0,1/3 - P - A |
|---|---|---|
| | 1/4" | 14 |
| **Connection** | 3/8" | 38 |
| **Flow rate** | Standard (Leave blank) | |
| | 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 |

## Dimensional drawing, Characteristics




semi-automatic drain valve

automatic drain valve

| Connection | Flow rate at 6 bar* [Nl/min] | max. Inlet pressure [bar] | Pressure range [bar] | Type |
|---|---|---|---|---|
| G1/4" | 1100 | 16 | 0,5...10 | MU303-14H-0,5/10 |
| G1/4" | 1100 | 16 | 0,5...10 | MU303-14H-0,5/10-P |
| G1/4" | 1100 | 16 | 0,5...10 | MU303-14H-0,5/10-M |
| G3/8" | 1100 | 16 | 0,5...10 | MU303-38-0,5/10 |
| G3/8" | 1100 | 16 | 0,5...10 | MU303-38-0,5/10-P |
| G3/8" | 1100 | 16 | 0,5...10 | MU303-38-0,5/10-M |

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



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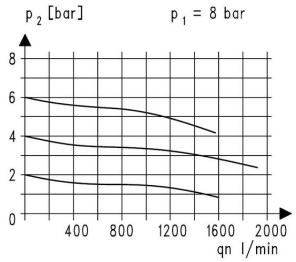
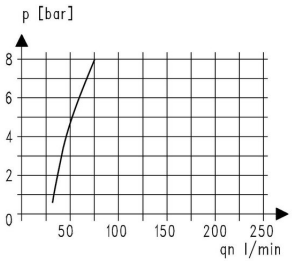
## Flow diagram, Oiler response threshold




Flow diagram




Oiler response threshold

## Accessories

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

Illustrations non-binding
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