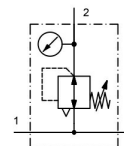


# Pressure regulator with continuous pressure supply G1/4"

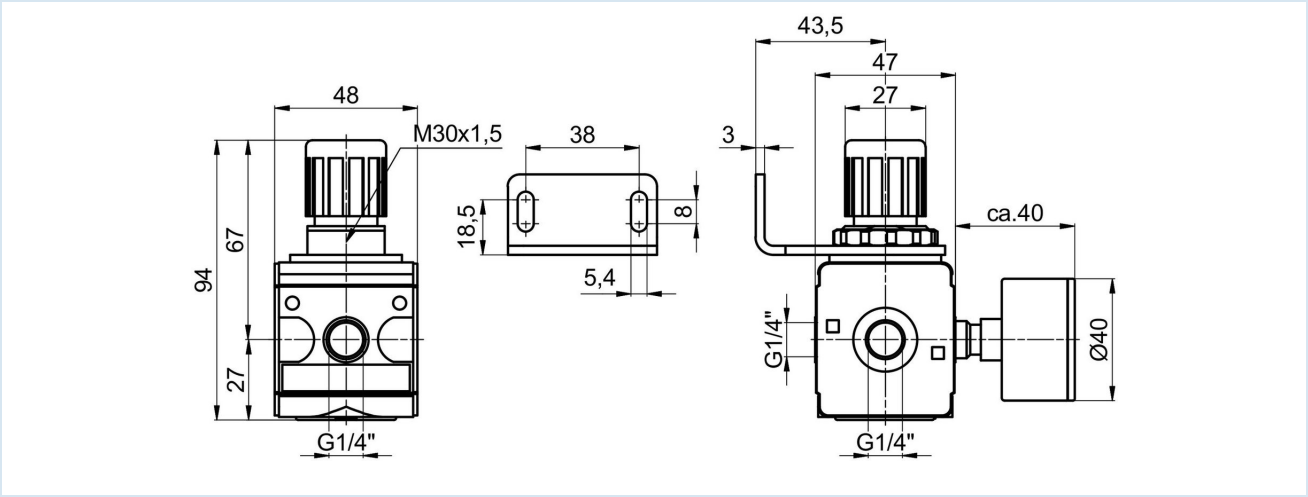
## Series Modul RE03-AT



|                     |                                                                                  |
|---------------------|----------------------------------------------------------------------------------|
| Design type         | Pressure regulator with continuous pressure supply and Secondary exhaust venting |
| Connection          | G1/4" according to ISO228/1                                                      |
| Materials           | Housing Zinc die casting, Seals NBR, Spring cap POM                              |
| Function            | Secondary pressure regulation                                                    |
| Locking mechanism   | Pressure setting can be locked by pressing in the rotary knob                    |
| Mounting position   | any                                                                              |
| Medium              | filtered compressed air                                                          |
| Medium temperature  | 0...+60°C, (with appropriately conditioned compressed air -10...+60°C)           |
| Ambient temperature | -10...+60°C                                                                      |
| Inlet pressure      | maximum 16bar                                                                    |
| Control ranges      | 0,1...3/0,2...6/0,5...10 and 0,5...16bar                                         |
| Flow direction      | is marked by an arrow                                                            |
| Scope of delivery   | including pressure gauge                                                         |



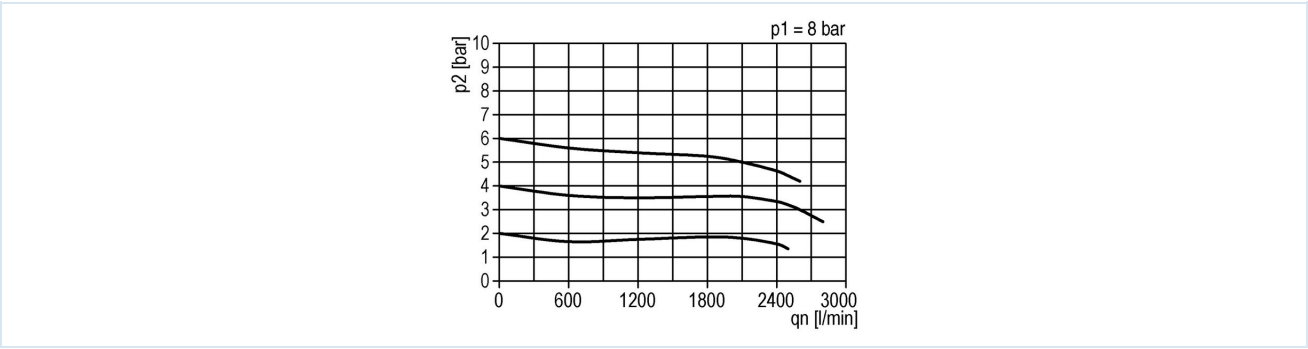
Dimensional drawing



| Connection | Flow rate at 6 bar*<br>[Nl/min] | Pressure range<br>[bar] | Weight<br>[approx. kg] | Type                   |
|------------|---------------------------------|-------------------------|------------------------|------------------------|
| G1/4"      | 2000                            | 0,1...3                 | 0,41                   | RE03-14VH-0,1/3-MA-AT  |
| G1/4"      | 2000                            | 0,2...6                 | 0,41                   | RE03-14VH-0,2/6-MA-AT  |
| G1/4"      | 2000                            | 0,5...10                | 0,41                   | RE03-14VH-0,5/10-MA-AT |
| G1/4"      | 2000                            | 0,5...16                | 0,41                   | RE03-14VH-0,5/16-MA-AT |

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

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



Accessories

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

Illustrations non-binding  
Design, dimensional and material changes reserved