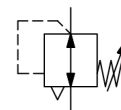


## Pressure regulator 1/2" Series R



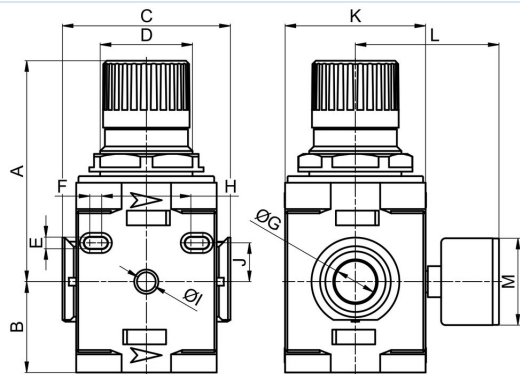
|                     |                                                                                |
|---------------------|--------------------------------------------------------------------------------|
| Design type         | Diaphragm pressure regulator with secondary exhaust air release                |
| Connection          | G1/2" according to ISO228/1                                                    |
| Materials           | Housing Acetal resin (POM), Threaded connections Brass, Seals NBR              |
| Function            | Control of secondary pressure                                                  |
| Mounting type       | Installation in piping system, Locknut or Wall mounting using mounting bracket |
| Mounting position   | any                                                                            |
| Medium              | filtered and lubricated or non-lubricated compressed air                       |
| Medium temperature  | +5...+50°C                                                                     |
| Ambient temperature | +5...+50°C                                                                     |
| Inlet pressure      | max. 12,5bar                                                                   |
| Control ranges      | see "Order code"                                                               |
| Flow direction      | is marked by an arrow                                                          |
| Locking mechanism   | the pressure setting can be locked by pressing in the rotary knob              |
| Scope of delivery   | including Pressure gauge Ø40mm and Locknut                                     |

### Order code

|                           |                                    |    |   |
|---------------------------|------------------------------------|----|---|
| R - 12 - 04 - R           |                                    |    |   |
| Connection                | 1/2"                               | 12 |   |
| Pressure range            | 0,5...4bar                         | 04 |   |
|                           | 0,5...8bar                         | 08 |   |
|                           | 0,5...12bar                        | 12 |   |
| Secondary exhaust venting | with secondary exhaust air release |    | R |

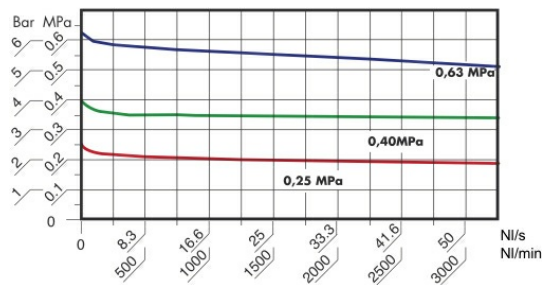


Dimensions



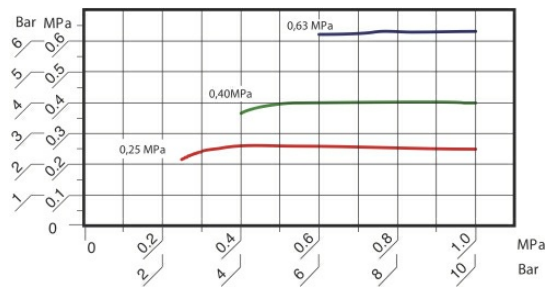
| Connection G | A  | B  | C    | D     | E   | F   | H  | I     | J    | K  | L   | M  | Weight [approx. kg] | Type       |
|--------------|----|----|------|-------|-----|-----|----|-------|------|----|-----|----|---------------------|------------|
| G1/2"        | 99 | 41 | 75,5 | M42x2 | 5,5 | 5,5 | 40 | G1/8" | 17,5 | 63 | ~65 | 40 | 0,50                | R-12-...-R |

Flow diagram



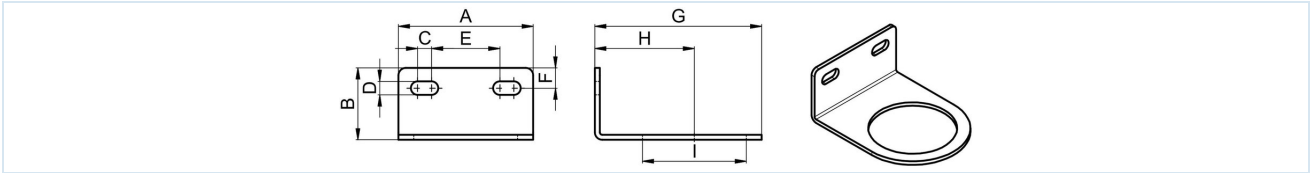
Inlet pressure = 10bar

Control characteristic



Flow rate constant = 900NI/min  
horizontal axis: Inlet pressure  
vertical axis: Outlet pressure

Accessories



| A    | B  | C | D   | E    | F | G    | H  | I  | Type  |
|------|----|---|-----|------|---|------|----|----|-------|
| 54,5 | 29 | 6 | 5,5 | 27,5 | 8 | 67,5 | 40 | 42 | K-BRL |

Illustrations non-binding  
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