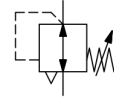


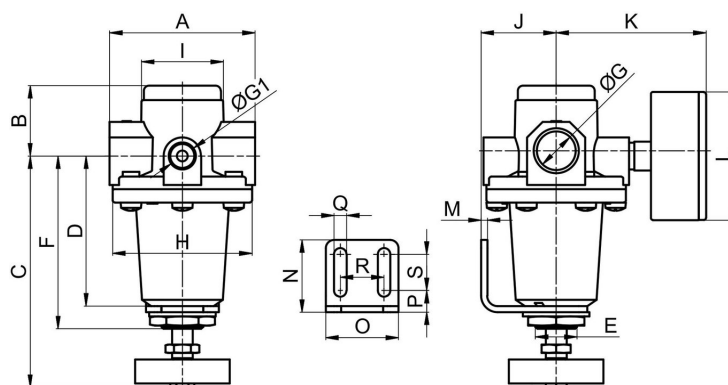
## Pressure regulator G1/4"...G1/2" Series Gold RE04



|                     |                                                                        |
|---------------------|------------------------------------------------------------------------|
| Design type         | Diaphragm pressure regulator with secondary venting                    |
| Connection          | G1/4"...G1/2" according to ISO228/1                                    |
| Materials           | Housing and spring bonnet Zinc die casting, Seals NBR                  |
| Function            | Secondary pressure regulation                                          |
| Mounting position   | any                                                                    |
| Medium              | filtered compressed air                                                |
| Medium temperature  | 0...+60°C, (with appropriately conditioned compressed air -10...+60°C) |
| Ambient temperature | -10...+80°C                                                            |
| Inlet pressure      | max. 16bar or rather 25bar loud table                                  |
| 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

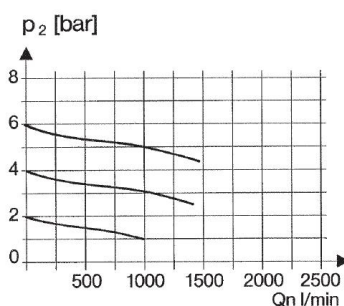


| Connection<br>G | A  | B  | C   | D  | E       | F  | G1   | H  | I  | J  | K  | L  | M | N  | O  | P    | Q | R  | S    |
|-----------------|----|----|-----|----|---------|----|------|----|----|----|----|----|---|----|----|------|---|----|------|
| G1/4"           | 64 | 32 | 98  | 62 | M20x1,5 | 72 | 1/4" | 50 | 34 | 36 | 67 | 50 | 3 | 35 | 35 | 10,5 | 6 | 21 | 17,5 |
| G3/8"           | 54 | 32 | 98  | 62 | M20x1,5 | 72 | 1/4" | 50 | 34 | 36 | 67 | 50 | 3 | 35 | 35 | 10,5 | 6 | 21 | 17,5 |
| G1/2"           | 70 | 34 | 112 | 73 | M20x1,5 | 84 | 1/4" | 67 | 40 | 35 | 72 | 50 | 3 | 35 | 35 | 10,5 | 6 | 21 | 17,5 |

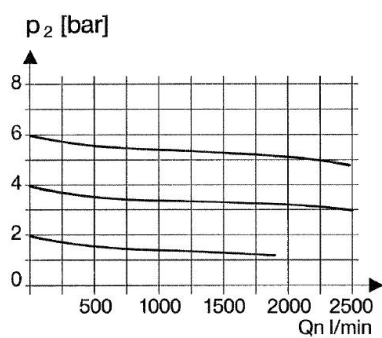
| Connection | Flow rate at 6 bar*<br>[Nl/min] | Inlet pressure<br>[bar] | Pressure range<br>[bar] | Weight<br>[approx. kg] | Type               |
|------------|---------------------------------|-------------------------|-------------------------|------------------------|--------------------|
| G1/4"      | 1000                            | 16                      | 0,1...3                 | 0,6                    | RE04-14H-0,1/3-MA  |
| G1/4"      | 1000                            | 16                      | 0,2...6                 | 0,6                    | RE04-14H-0,2/6-MA  |
| G1/4"      | 1000                            | 16                      | 0,5...10                | 0,6                    | RE04-14H-0,5/10-MA |
| G1/4"      | 1000                            | 16                      | 0,5...16                | 0,6                    | RE04-14H-0,5/16-MA |
| G3/8"      | 1000                            | 16                      | 0,1...3                 | 0,5                    | RE04-38-0,1/3-MA   |
| G3/8"      | 1000                            | 16                      | 0,2...6                 | 0,5                    | RE04-38-0,2/6-MA   |
| G3/8"      | 1000                            | 16                      | 0,5...10                | 0,5                    | RE04-38-0,5/10-MA  |
| G3/8"      | 1000                            | 16                      | 0,5...16                | 0,5                    | RE04-38-0,5/16-MA  |
| G1/2"      | 2200                            | 25                      | 0,1...3                 | 0,9                    | RE04-12-0,1/3-MA   |
| G1/2"      | 2200                            | 25                      | 0,2...6                 | 0,9                    | RE04-12-0,2/6-MA   |
| G1/2"      | 2200                            | 25                      | 0,5...10                | 0,9                    | RE04-12-0,5/10-MA  |
| G1/2"      | 2200                            | 25                      | 0,5...16                | 0,9                    | RE04-12-0,5/16-MA  |

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

## Flow diagram G1/4" ...G3/8" at Inlet pressure 8bar



## Flow diagram G1/2" at Inlet pressure 8bar



## Accessories

| Designation                         | Type         |
|-------------------------------------|--------------|
| Holding angle with neck nut M20x1,5 | MMP04-14H/12 |

Illustrations non-binding

Design, dimensional and material changes reserved

Pneumatics / Regulators, filters and lubricators / Maintenance devices - series Gold / Pressure regulator Series Gold RE04 / [RE04-38-0,5/10-MA] Pressure regulator RE04-38-0,5/10-MA

Version 9

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Page 3 / 3

