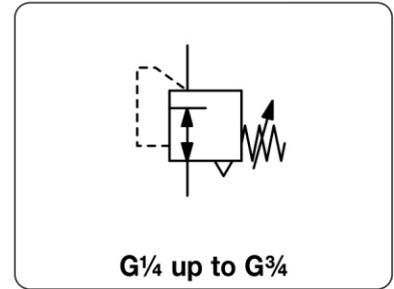


# R520/R521/R522 - Régulateur de pression compact à débit élevé, G1/4" à G3/4"

## 3 types de commande manuelle possibles : molette, T, ou carré/contre-écrou

|                          |  |   |
|--------------------------|--|---|
| <b>Description</b>       | Diaphragm pressure regulator in small design with large volume flow.<br>Can be blocked with a filter or lubricator without using a double nipple.<br>Compressed air or neutral gases |   |
| <b>Media</b>             |  |   |
| <b>Supply pressure</b>   | max. 20 bar  |   |
| <b>Adjustment</b>        | with lockable adjustment knob for R520, with T-handle for R521, with adjustment screw for R522   |   |
| <b>Relieving</b>         | relieving, optionally non relieving  |   |
| <b>Gauge port</b>        | G <sup>1</sup> / <sub>2</sub> on both sides, Screw plugs are supplied  |   |
| <b>Mounting position</b> | any  |   |
| <b>Temperature range</b> | 0 °C to 80 °C  |   |
| <b>Material</b>          | Body: aluminium die-cast   | Spring cage: plastic reinforced with glass fibre<br>Inner valve: brass, plastic |
|                          | Elastomer: NBR   |   |



| Dimensions |   |   | K <sub>v</sub> -value<br>(m <sup>3</sup> /h) | Flow rate           |         | Connection thread<br>G | Pressure range<br>bar | Order Number |
|------------|---|---|--|---------------------|---------|------------------------|-----------------------|--------------|
| A          | B | C |  | m <sup>3</sup> /h*1 | l/min*1 |                        |                       |              |

| Standard pressure regulator |     |    | supply pressure max. 20 bar, relieving, without pressure gauge |     |      |                               | R520       |          |  |
|-----------------------------|-----|----|--|-----|------|-------------------------------|------------|----------|--|
| 85                          | 155 | 38 | 1.6  | 144 | 2400 | G <sup>1</sup> / <sub>4</sub> | 0.2 ... 2  | R520-02A |  |
|                             |     |    |  |     |      |                               | 0.4 ... 4  | R520-02B |  |
|                             |     |    |  |     |      |                               | 1.0 ... 10 | R520-02C |  |
|                             |     |    |  |     |      |                               | 1.7 ... 17 | R522-02D |  |
| 85                          | 155 | 38 | 3.6  | 300 | 5000 | G <sup>3</sup> / <sub>8</sub> | 0.2 ... 2  | R520-03A |  |
|                             |     |    |  |     |      |                               | 0.4 ... 4  | R520-03B |  |
|                             |     |    |  |     |      |                               | 1.0 ... 10 | R520-03C |  |
|                             |     |    |  |     |      |                               | 1.7 ... 17 | R522-03D |  |
| 85                          | 155 | 38 | 5.2  | 372 | 6200 | G <sup>1</sup> / <sub>2</sub> | 0.2 ... 2  | R520-04A |  |
|                             |     |    |  |     |      |                               | 0.4 ... 4  | R520-04B |  |
|                             |     |    |  |     |      |                               | 1.0 ... 10 | R520-04C |  |
|                             |     |    |  |     |      |                               | 1.7 ... 17 | R522-04D |  |
| 85                          | 155 | 38 | 6.1  | 432 | 7200 | G <sup>3</sup> / <sub>4</sub> | 0.2 ... 2  | R520-06A |  |
|                             |     |    |  |     |      |                               | 0.4 ... 4  | R520-06B |  |
|                             |     |    |  |     |      |                               | 1.0 ... 10 | R520-06C |  |
|                             |     |    |  |     |      |                               | 1.7 ... 17 | R522-06D |  |

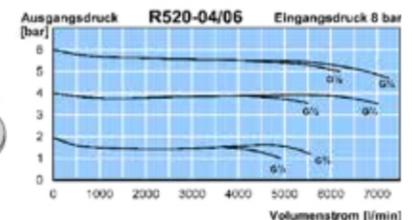
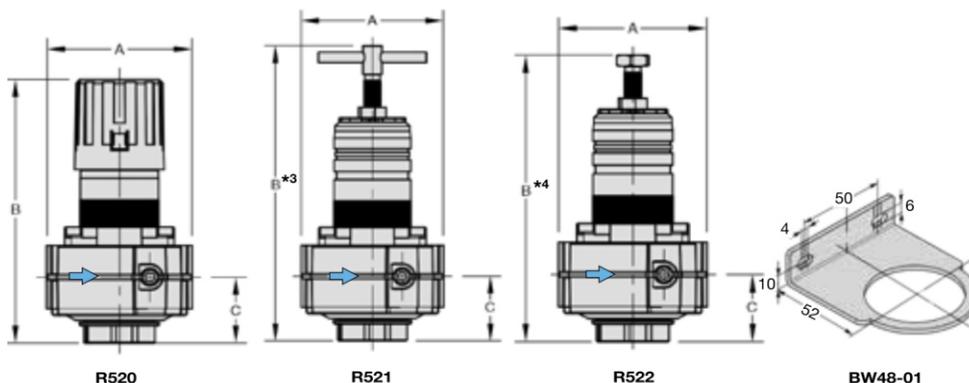


### Special options, add the appropriate letter

|                          |                                      |              |              |                  |
|--------------------------|--------------------------------------|--------------|--------------|------------------|
| <b>T-handle</b>          | with locknut                         | up to 10 bar | B + 20 mm *3 | R521 - 0 . .     |
| <b>adjustment screw</b>  | with locknut                         | up to 10 bar | B + 20 mm *4 | R522 - 0 . .     |
| <b>non relieving</b>     | without relieving function           |              |              | R520 - 0 . . K   |
| <b>flange connection</b> | according to EN-1092-1 or ASME B16.5 | on request   |              | R52 . - 0 . . F. |

### Accessories, enclosed

|                         |  |                       |
|-------------------------|--|-----------------------|
| <b>pressure gauge</b>   | Ø 50 mm, 0...*2 bar, G <sup>1</sup> / <sub>2</sub> | <b>MA5001- . . *2</b> |
| <b>mounting bracket</b> | made of stainless steel                            | <b>BW48-01</b>        |
| <b>mounting nut</b>     | made of plastic                                    | <b>M48x1,5K</b>       |



\*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop  
\*2 02 = 0...2,5 bar, 04 = 0...4 bar, 06 = 0...6 bar, 10 = 0...10 bar, 16 = 0...16 bar, 25 = 0...25 bar