

# Large pressure regulator



Art. No. 146279

Type No. DRG.G2.0,5-25B



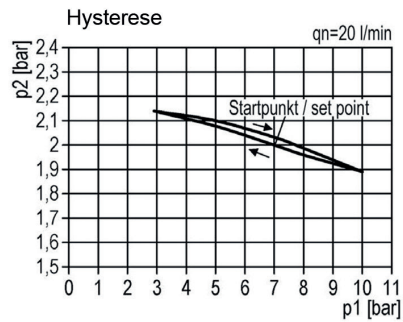
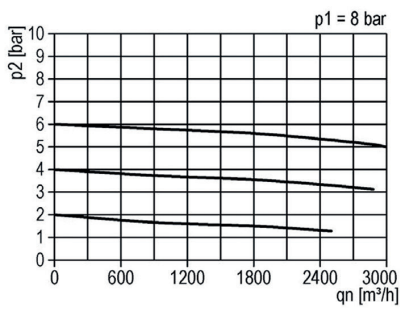
Exemplary illustration

Diaphragm pressure regulators, independent of inlet pressure, with internal pilot control and self-relieving design. Separate indication of input and working pressure on two pressure gauges. The pressure setting can be locked by pushing the button down.

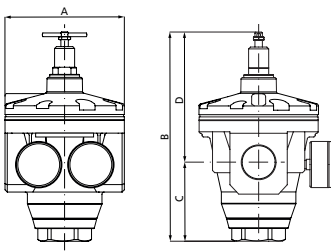
## Technical data

|                       |   |
|-----------------------|---|
| Max. input pressure   | 40 bar  |
| Medium temperature    | -10 to 60 °C  |
| Ambient temperature   | -10 to 60 °C  |
| Control range         | 0,5 - 25 bar  |
| DN                    | 50  |
| Thread                | G 2   |
| Flow rate measurement | at $P_1 = 10$ bar, $P_2 = 8$ bar and pressure drop $\Delta_p = 1$ bar |
| Flow rate             | 50000 l/min   |
| Medium                | Compressed air and neutral gases                                      |
| Housing               | Die-cast aluminium  |
| Sealant               | NBR   |
| Wheel                 | Toggle screw  |
| A                     | 160 mm  |
| B                     | 279 mm  |

## Flow chart



## Dimensions



| A   | B   | C   | D   |
|-----|-----|-----|-----|
| mm  | mm  | mm  | mm  |
| 160 | 279 | 106 | 173 |

## Spareparts

|  | Art. No. | Type No.           |
|--|----------|--------------------|
| Wear part set for large pressure regulator, control range 0.5 - 25 bar | 146280   | VTSDRG.G112.G2.25B |
| Standard pressure gauge, rear centric, G 1/4, 0 - 60 bar, Ø 63         | 101843   | 221                |
| Standard pressure gauge, rear centric, G 1/4, 0 - 40 bar, Ø 63         | 101842   | 220                |