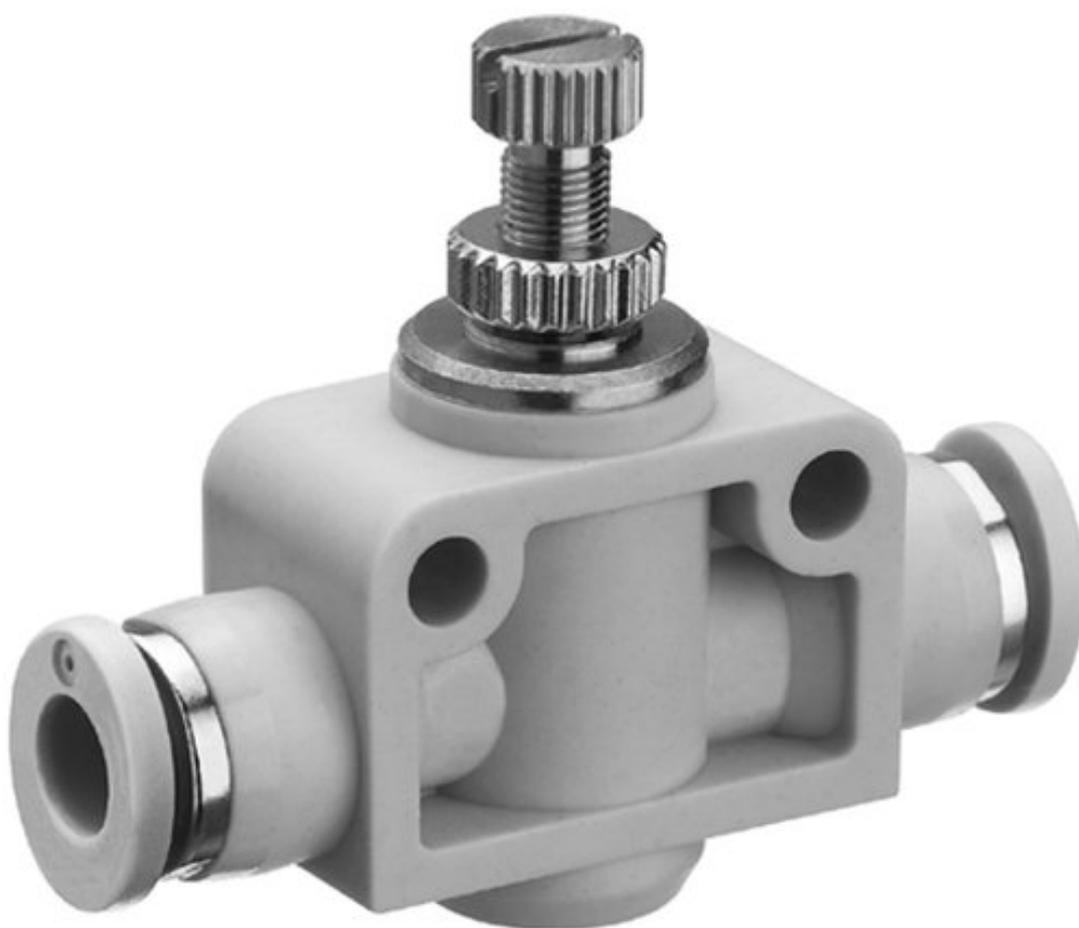


Series QR1



AVENTICS™ Series QR1

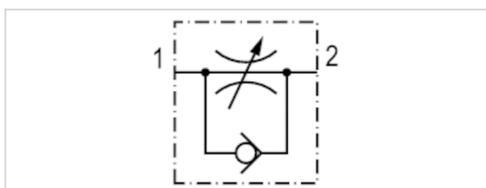


Series QR1

- $Q_n 1 \rightarrow 2 = 60-875 \text{ l/min}$
- direction of throttle $1 \rightarrow 2$
- push-in fitting / push-in fitting



| | |
|-------------------------------|-----------------|
| Working pressure min./max. | 0.5 ... 10 bar |
| Ambient temperature min./max. | 0 ... 60 °C |
| Medium temperature min./max. | 0 ... 60 °C |
| Medium | Compressed air |
| Weight | See table below |



Technical data

| Part No. | Port 1 | Port 2 | Flow | Delivery unit | Weight |
|------------|--------|--------|-----------------------|---------------|----------|
| | | | $Q_n 1 \rightarrow 2$ | | |
| R412005454 | Ø 4 | Ø 4 | 60 l/min | 5 piece | 0.013 kg |
| R412005455 | Ø 6 | Ø 6 | 135 l/min | 5 piece | 0.028 kg |
| R412005456 | Ø 8 | Ø 8 | 200 l/min | 5 piece | 0.041 kg |
| R412005457 | Ø 10 | Ø 10 | 550 l/min | 2 piece | 0.069 kg |
| R412005458 | Ø 12 | Ø 12 | 875 l/min | 2 piece | 0.114 kg |

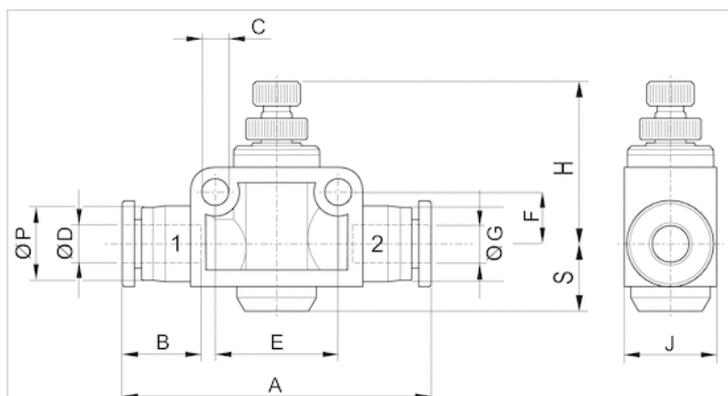
Nominal flow Q_n at 6 bar and $\Delta p = 1 \text{ bar}$

Technical information

| Material | |
|--------------------|--------------------------------|
| Housing | Polybutyleneterephthalate |
| Flow control screw | Brass, nickel-plated |
| Seals | Acrylonitrile butadiene rubber |

Dimensions

Dimensions



Dimensions

| Part No. | Port G | Ø D | A | B | Ø C | E | F | H | J | Ø P | S |
|------------|--------|-----|------|------|-----|----|-----|------|----|------|-----|
| R412005454 | Ø 4 | 4 | 38.4 | 14 | 3.2 | 14 | 6.5 | 20 | 11 | 10 | 6.5 |
| R412005455 | Ø 6 | 6 | 47.2 | 15.2 | 4.3 | 20 | 8.5 | 27 | 15 | 12.4 | 11 |
| R412005456 | Ø 8 | 8 | 51.8 | 17.2 | 4.3 | 22 | 9.5 | 28.5 | 18 | 14.4 | 12 |
| R412005457 | Ø 10 | 10 | 59.6 | 18.9 | 4.3 | 26 | 11 | 34 | 21 | 17.6 | 12 |
| R412005458 | Ø 12 | 12 | 71.4 | 21.2 | 4.3 | 32 | 13 | 33.5 | 28 | 21 | 16 |

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