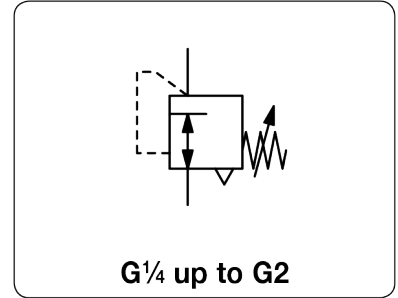


RD1-RD2-RD3-RD4 - Régulateur de pression, standard, G1/8 à G2, 30 bar

RD1-RD2-RD3-RD4 - Pressure Regulator, up to 30 bar

| | |
|---------------------------|--|
| Description | Good value pressure regulator of solid design. RD1 and RD3 are equipped with diaphragms, RD4 is piston-operated. Wall mounting through two drilled holes in the bodies of RD1 to RD3. |
| Media | compressed air or non-corrosive gases |
| Supply pressure | max. 30 bar |
| Adjustment | RD1/RD2: by plastic knob with snap-lock RD3: by handwheel RD4: by T-handle |
| Relieving function | relieving, optionally non-relieving |
| Gauge port | G $\frac{1}{4}$ on both sides of the body, G $\frac{1}{8}$ at RD1 |
| Mounting position | any |
| Temperature range | -10 °C to 50 °C / 14 °F to 122 °F for RD1, RD2 and RD4 -20 °C to 60 °C / -4 °F to 140 °F for RD3 |
| Material | Body: zinc die-cast at RD1, aluminium at RD2, RD3 and RD4 Spring cage: plastic reinforced with glass fibre at RD1, nylon at RD2, aluminium at RD3/RD4 Elastomer: NBR/Buna-N Inner valve: brass |

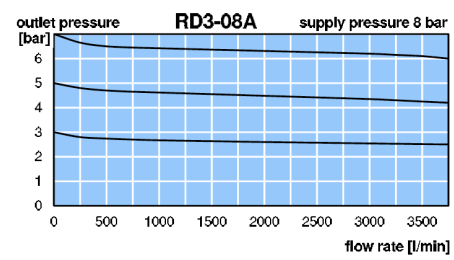
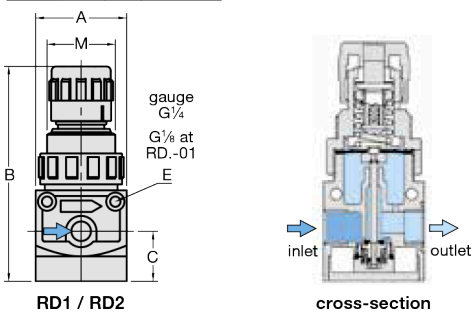


| Dimensions | | | K _v -value | Flow rate | | P ₁ max. | Connection thread | Pressure range | Order number |
|------------|---|---|-----------------------|-------------------|---------|---------------------|-------------------|----------------|--------------|
| A | B | C | | m ³ /h | l/min*1 | | | | |

| Pressure regulator series „D“ | | | | | | | supply pressure max. 20 / 30 bar, relieving, without pressure gauge | | RD1...RD4 | | |
|-------------------------------|-----|----|-----|-----|------|----|---|-----------|-----------|---------|---------|
| 40 | 95 | 22 | 0.3 | 27 | 450 | 20 | G $\frac{1}{8}$ | 0.2...1.5 | 0.3...3.0 | RD1-01A | RD1-01B |
| | | | | | | | | 0.5...8.0 | 1.5... 15 | RD1-01D | RD1-01E |
| 40 | 95 | 22 | 0.3 | 27 | 450 | 20 | G $\frac{1}{4}$ | 0.2...1.5 | 0.3...3.0 | RD1-02A | RD1-02B |
| | | | | | | | | 0.5...8.0 | 1.5... 15 | RD1-02D | RD1-02E |
| 64 | 151 | 48 | 1.5 | 108 | 1800 | 20 | G $\frac{3}{8}$ | 0.2...1.5 | 0.3...3.0 | RD2-03A | RD2-03B |
| | | | | | | | | 0.5...8.0 | 1.5... 15 | RD2-03D | RD2-03E |
| 64 | 151 | 48 | 1.5 | 108 | 1800 | 20 | G $\frac{1}{2}$ | 0.2...1.5 | 0.3...3.0 | RD2-04A | RD2-04B |
| | | | | | | | | 0.5...8.0 | 1.5... 15 | RD2-04D | RD2-04E |
| 130 | 187 | 54 | 3.0 | 195 | 3250 | 30 | G $\frac{3}{4}$ | 0.2...1.5 | 0.3...3.0 | RD3-06A | RD3-06B |
| | | | | | | | | 0.5...8.0 | 1.5... 15 | RD3-06D | RD3-06E |
| 130 | 187 | 54 | 3.0 | 195 | 3250 | 30 | G1 | 0.2...1.5 | 0.3...3.0 | RD3-08A | RD3-08B |
| | | | | | | | | 0.5...8.0 | 1.5... 15 | RD3-08D | RD3-08E |
| 241 | 187 | 54 | 3.0 | 195 | 3250 | 30 | G1 $\frac{1}{4}$ | 0.2...1.5 | 0.3...3.0 | RD3-10A | RD3-10B |
| | | | | | | | | 0.5...8.0 | 1.5... 15 | RD3-10D | RD3-10E |
| 241 | 187 | 54 | 3.0 | 195 | 3250 | 30 | G1 $\frac{1}{2}$ | 0.2...1.5 | 0.3...3.0 | RD3-1AA | RD3-1AB |
| | | | | | | | | 0.5...8.0 | 1.5... 15 | RD3-1AD | RD3-1AE |



| series | D | Ø E | M |
|--------|----|-----|---------|
| RD1 | 30 | 4.5 | M30x1,5 |
| RD2 | 51 | 5.5 | M50x1,5 |
| RD3 | 76 | 6.5 | - |
| RD4 | 76 | 8.5 | - |



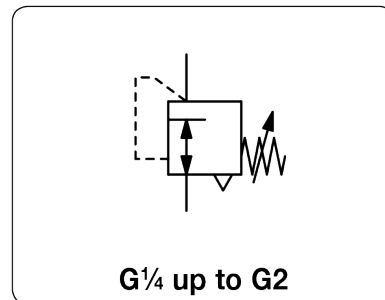
*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop
*2 02 = 0...2.5 bar, 04 = 0...4 bar, 10 = 0...10 bar, 16 = 0...16 bar



RD1-RD2-RD3-RD4 - Régulateur de pression, standard, G1/8 à G2, 30 bar

RD1-RD2-RD3-RD4 - Pressure Regulator, up to 30 bar

| | |
|---------------------------|--|
| Description | Good value pressure regulator of solid design. RD1 and RD3 are equipped with diaphragms, RD4 is piston-operated. Wall mounting through two drilled holes in the bodies of RD1 to RD3. |
| Media | compressed air or non-corrosive gases |
| Supply pressure | max. 30 bar |
| Adjustment | RD1/RD2: by plastic knob with snap-lock RD3: by handwheel RD4: by T-handle |
| Relieving function | relieving, optionally non-relieving |
| Gauge port | G $\frac{1}{4}$ on both sides of the body, G $\frac{1}{8}$ at RD1 |
| Mounting position | any |
| Temperature range | -10 °C to 50 °C / 14 °F to 122 °F for RD1, RD2 and RD4 -20 °C to 60 °C / -4 °F to 140 °F for RD3 |
| Material | Body: zinc die-cast at RD1, aluminium at RD2, RD3 and RD4 Spring cage: plastic reinforced with glass fibre at RD1, nylon at RD2, aluminium at RD3/RD4 Elastomer: NBR/Buna-N Inner valve: brass |



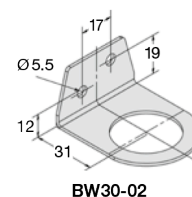
| Dimensions | | | K _v -value | Flow rate | P ₁ max. | Connection thread | Pressure range | Order number |
|------------|----|----|-----------------------|---------------------|---------------------|-------------------|----------------|--------------|
| A | B | C | | | | | | |
| mm | mm | mm | (m ³ /h) | m ³ /h*1 | l/min*1 | bar | G | bar |

| Pressure regulator series „D“ | | | | | | | | supply pressure max. 20 / 30 bar, relieving, without pressure gauge | RD1...RD4 |
|-------------------------------|-----|-----|------|------|-------|----|------------------|---|-----------|
| 215 | 385 | 130 | 18.6 | 1320 | 22000 | 30 | G1 $\frac{1}{2}$ | 0.2...1.5 | RD4-12A |
| | | | | | | | | 0.3...3.0 | RD4-12B |
| | | | | | | | | 0.5...8.0 | RD4-12D |
| | | | | | | | | 1.5... 15 | RD4-12E |
| 215 | 385 | 130 | 18.6 | 1320 | 22000 | 30 | G2 | 0.2...1.5 | RD4-16A |
| | | | | | | | | 0.3...3.0 | RD4-16B |
| | | | | | | | | 0.5...8.0 | RD4-16D |
| | | | | | | | | 1.5... 15 | RD4-16E |



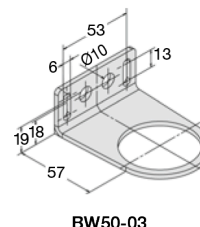
Special options, add the appropriate letter

| | | |
|---------------------------|----------------------------|--------------|
| non-relieving | without relieving function | RD K |
| 30 bar operating pressure | | RD H |



Accessories, enclosed

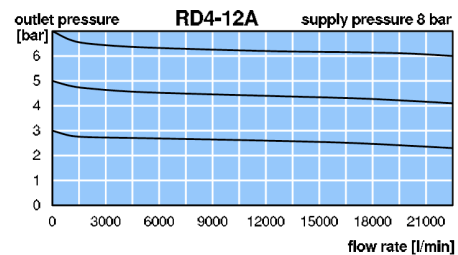
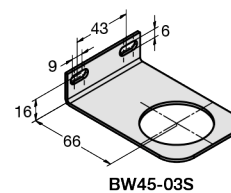
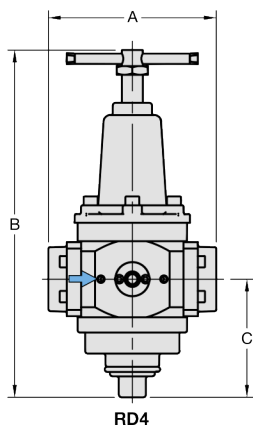
| | | | |
|------------------|--------------------------------------|-----------------|-------------|
| pressure gauge | Ø 40 mm, 0...*2 bar, G $\frac{1}{8}$ | for RD1 | MA4001-..*2 |
| | Ø 50 mm, 0...*2 bar, G $\frac{1}{4}$ | for RD2 | MA5002-..*2 |
| | Ø 63 mm, 0...*2 bar, G $\frac{1}{4}$ | for RD3 and RD4 | MA6302-..*2 |
| mounting bracket | made of steel | for RD1 | BW30-02 |
| mounting nut | made of plastic | for RD1 | M30x1,5K |
| mounting bracket | made of steel | for RD2 | BW50-03 |
| mounting nut | made of plastic | for RD2 | M50x1,5K |
| mounting bracket | made of stainless steel | for RD3 | BW45-03S |
| mounting nut | made of stainless steel | for RD3 | BW45-03S |



RD1-RD2-RD3-RD4 - Régulateur de pression, standard, G1/8 à G2, 30 bar

RD1-RD2-RD3-RD4 - Pressure Regulator, up to 30 bar

| series | D | Ø E | M |
|--------|----|-----|---------|
| RD1 | 30 | 4.5 | M30x1,5 |
| RD2 | 51 | 5.5 | M50x1,5 |
| RD3 | 76 | 6.5 | - |
| RD4 | 76 | 8.5 | - |



*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, 10 = 0...10 bar, 16 = 0...16 bar