

# Pressure regulators Series N

Ports G1/8, G1/4



The Series N pressure regulator is available with G1/4 and G1/8 ports. Its design incorporates a self relieving diaphragm so as to allow decremental adjustments.

## GENERAL DATA

|                              |  |
|------------------------------|--|
| Construction                 | diaphragm type   |
| Materials                    | brass, technopolymer, NBR  |
| Ports                        | G1/8 - G1/4  |
| Weight                       | Kg 0.316   |
| Pressure gauge ports         | G1/8   |
| Mounting                     | in - line or console (in any position)   |
| Operating temperature        | -5°C ÷ 50°C (with the dew point of the fluid lower than 2°C at the min. working temperature) |
| Inlet pressure               | 0 ÷ 16 bar   |
| Outlet pressure              | 0.5 ÷ 10 bar   |
| Nominal flow                 | see graphs   |
| Secondary pressure relieving | standard   |

## CODING EXAMPLE

|   |    |    |   |   |   |   |
|---|----|----|---|---|---|---|
| N | 12 | 04 | - | R | 0 | 0 |
|---|----|----|---|---|---|---|

|    |   |
|----|---|
| N  | SERIES  |
| 12 | SIZE:<br>12   |
| 04 | PORTS:<br>08 = G1/8<br>04 = G1/4  |
| R  | R = REGULATOR   |
| 0  | OPERATING PRESSURE:<br>0 = 0,5 ÷ 10 (standard)<br>1 = 0 ÷ 4<br>2 = 0 ÷ 2<br>7 = 0,5 ÷ 7 |
| 0  | DESIGN TYPE:<br>0 = self-relieving<br>1 = non-relieving                                 |

3

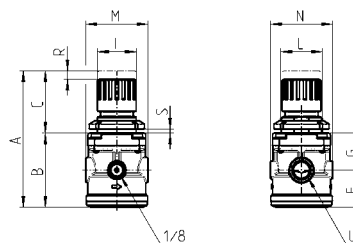
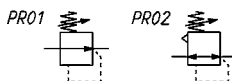
TREATMENT

## Pressure regulators Series N

Calibrated or blocked regulators on request



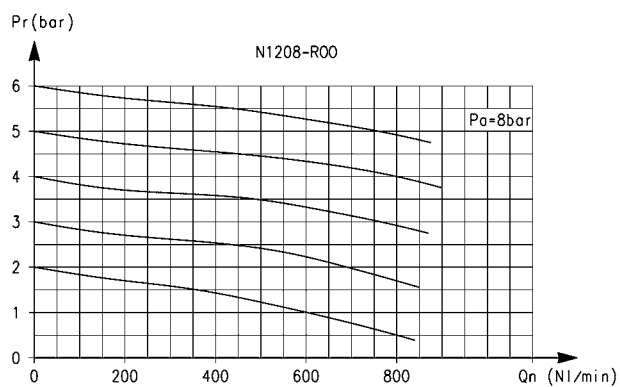
PR01 = regulator without relieving  
PR02 = regulator with relieving



## DIMENSIONS

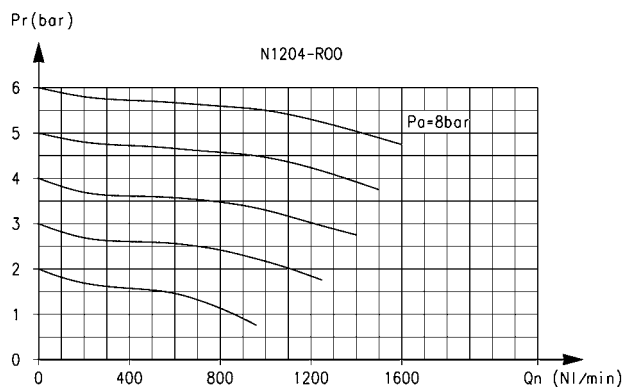
| Mod.      | A  | B  | C  | F  | G  | I  | L      | M  | N  | R | S   | U    |
|-----------|----|----|----|----|----|----|--------|----|----|---|-----|------|
| N1208-R00 | 92 | 53 | 39 | 26 | 27 | 28 | 30X1,5 | 45 | 45 | 3 | 0÷6 | G1/8 |
| N1204-R00 | 92 | 53 | 39 | 26 | 27 | 28 | 30X1,5 | 45 | 45 | 3 | 0÷6 | G1/4 |

## FLOW DIAGRAMS



Flow diagram for model: N208-R00

$P_a$  = Inlet pressure  
 $P_r$  = Regulated pressure  
 $Q_n$  = Flow



Flow diagram for model: N204-R00

$P_a$  = Inlet pressure  
 $P_r$  = Regulated pressure  
 $Q_n$  = Flow