CAMOZZI
Automation

SERIES N PRESSURE REGULATORS

Series N pressure regulators

Ports G1/8, G1/4

» Knob with closure

» Integral return exhaust (relieving)

**Series N pressure regulators are available with G1/4 and G1/8 ports.
Their design incorporates a self relieving diaphragm so as to allow decremental adjustments.**

GENERAL DATA

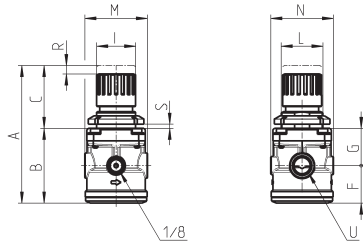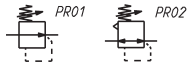|	
Construction	diaphragm type
Materials	brass, technopolymer, NBR
Ports	G1/8 - G1/4
Weight	Kg 0.316
Pressure gauge ports	G1/8
Mounting	in - line or console (in any position)
Operating temperature	-5°C ÷ 50°C (with the dew point of the fluid lower than 2°C at the min. working temperature)
Inlet pressure	0 ÷ 16 bar
Outlet pressure	0.5 ÷ 10 bar(standard), 0.5 ÷ 2 bar; 0.5 ÷ 4 bar e 0.5 ÷ 7 bar
Nominal flow	see FLOW DIAGRAMS on the following pages
Secondary pressure relieving	with relieving (standard) without relieving
Fluid	compressed air

CODING EXAMPLE

N	12	04	-	R	T	0	-	■	-	●

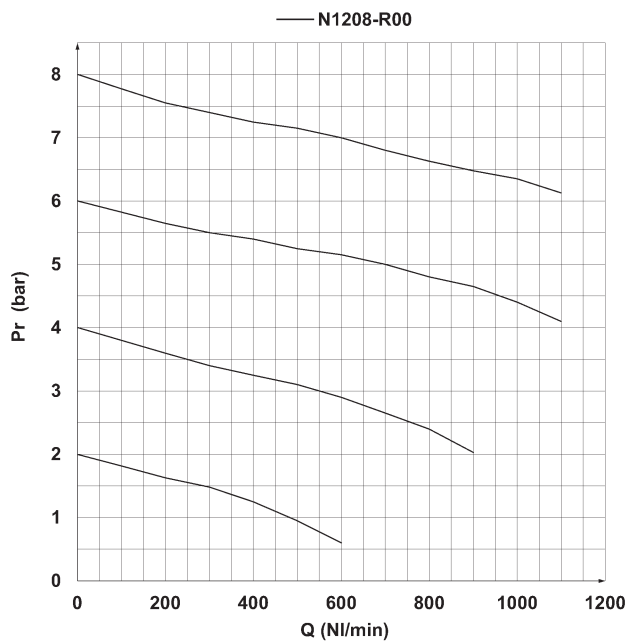|	
N	SERIES
12	SIZE: 12
04	PORTS: 08 = G1/8 04 = G1/4
R	R = REGULATOR
T	OPERATING PRESSURE: 0 = 0.5 ÷ 10 bar (standard) 1 = 0.5 ÷ 4 bar 2 = 0.5 ÷ 2 bar 7 = 0.5 ÷ 7 bar T = calibrated * B = locked *
0	DESIGN TYPE: 0 = self-relieving 1 = non-relieving
	* NOTE: IF THE REGULATOR IS CALIBRATED OR LOCKED, AFTER THE DESIGN TYPE ADD THE INLET PRESSURE "■" AND THE OUTLET PRESSURE "●" INLET PRESSURE: ■ = enter the SUPPLY pressure value OUTLET PRESSURE: ● = enter the OUTLET pressure value for the LOCKED regulator or the maximum value of the ADJUSTABLE pressure for the CALIBRATED regulator Example of a calibrated regulator with Inlet Pressure = 6.3 bar and Outlet Pressure = 4.5 bar Complete part number: N1204-RT0-6.3-4.5

Pressure regulators Series N

Calibrated or blocked regulators on request

PR01 = regulator without relieving
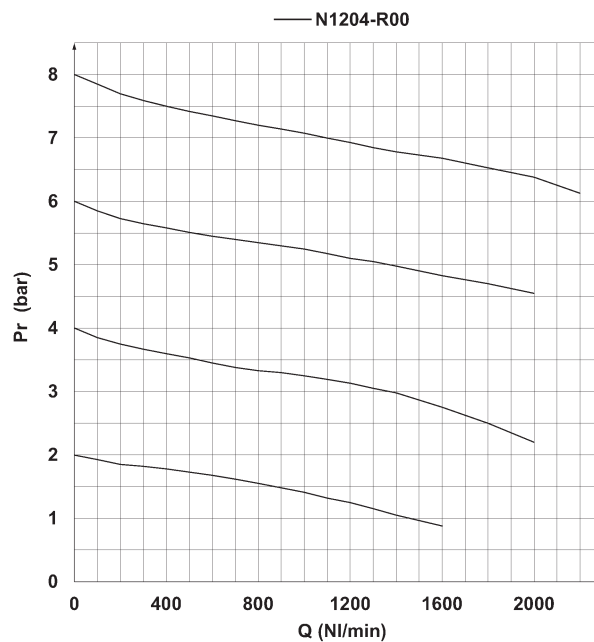PR02 = regulator with relieving

PR01   *PR02*

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

Products designed for industrial applications.
General terms and conditions for sale are available on www.camozzi.com.

FLOW DIAGRAMS

N1208-R00

N1204-R00

Flow diagram for model: N1208-R00

Pa = Inlet pressure (bar)
Pr = Regulated pressure (bar)
Q = Flow (Nl/min)

Flow diagram for model: N1204-R00

Pa = Inlet pressure (bar)
Pr = Regulated pressure (bar)
Q = Flow (Nl/min)