

PRESSURE MICROREGULATORS

SERIES T

Ports G1/8 and G1/4



- Extremely lightweight
- Compact
- In-line or console mounting

Series T pressure regulators are available with G1/8 and G1/4 brass connections.
A self-relieving piston has been incorporated into the design to allow decreasing adjustments.
Non-relieving versions are also available.

All models are equipped with a by-pass valve which is useful when a regulator should be inserted between the valve and cylinder (or capacity) without any negative influence on the exhaust.

General Data

Construction	Piston
Materials	Technopolymer body and piston, stainless steel spring, brass inserts, nbr o-ring and poppet
Ports	G1/8 - G1/4
Weight	95 g
Pressure gauge ports	G1/8
Mounting	In-line or panel mounting (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 ÷ 12 bar
Outlet pressure	0.5 ÷ 10 bar (standard) 0.5 ÷ 2 bar 0.5 ÷ 4 bar 0.5 ÷ 7 bar
Nominal flow	See flow diagrams on the following pages
Secondary pressure (relieving)	With relieving (standard) without relieving (all regulators are provided with high relief flow vs function)
Fluid	Compressed air

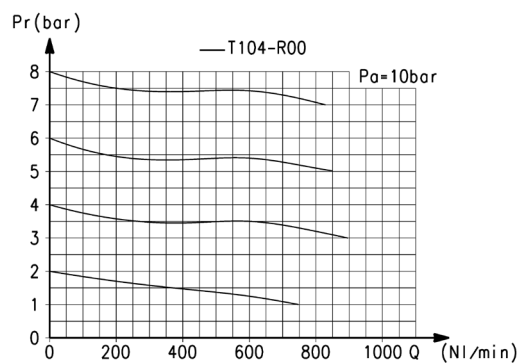
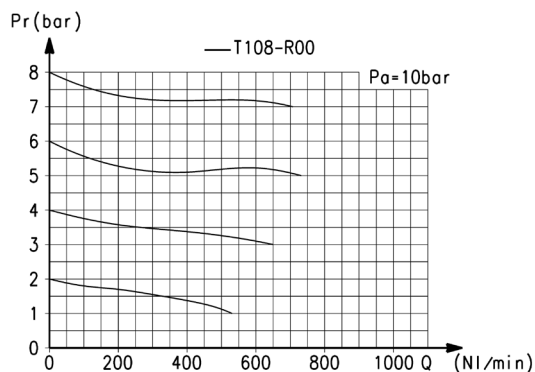
PRESSURE MICROREGULATORS
SERIES T - CODING EXAMPLES

Coding example

T	1	08	-	R	0	0	2	
T	SERIES							
1	SIZE							
08	PORTS: 08 = G1/8		04 = G1/4					
R	REGULATOR							
0	OPERATING PRESSURE: 0 = 0,5 ÷ 10 1 = 0 ÷ 4		2 = 0 ÷ 2 7 = 0 ÷ 7 (standard)					
0	DESIGN TYPE: 0 = self-relieving ; 1 = non relieving							
2	MANOMETERS: ** = without pressure gauge (standard) 1 = with pressure gauge 0-2,5, with working pressure 0÷2 bar 2 = with pressure gauge 0-6, with working pressure 0÷4 bar					3 = with pressure gauge 0-10, with working pressure 0,5÷7 bar 4 = with pressure gauge 0-12, with working pressure 0,5÷10 bar		** the pressure gauges are supplied dismantling manometers mod. M043-P ..

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Flow diagrams

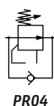
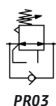


Flow diagram for model: T108-R00
Pa = Inlet pressure (bar)
Pr = Regulated pressure (bar)
Q = Flow (NL/min)

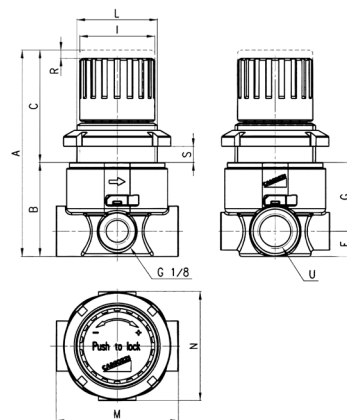
Flow diagram for model: T104-R00
Pa = Inlet pressure (bar)
Pr = Regulated pressure (bar)
Q = Flow (NL/min)

Series T pressure microregulator

PR03 = regulator with relieving and by-pass valve
PR04 = regulator without relieving and with by-pass valve

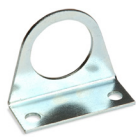


Mod.	A	B	C	F	G	I	L	M	N	R	S	U
T108-R00	77	35	42	9,5	25,5	28	M30x1,5	46	41	3	7	G1/8
T104-R00	77	35	42	9,5	25,5	28	M30x1,5	46	41	3	7	G1/4



Mounting bracket Mod. C114-ST

For regulators and filter-regulators (G1/4 - G1/8)

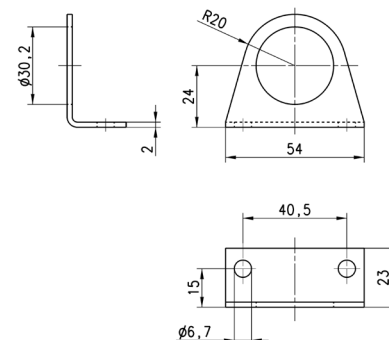


Material:
zinc-plated steel

Supplied with:
1x bracket.

Mod.

C114-ST/1



Mounting bracket Mod. C114-ST/1

For regulators and filter-regulators (G1/4 - G1/8)

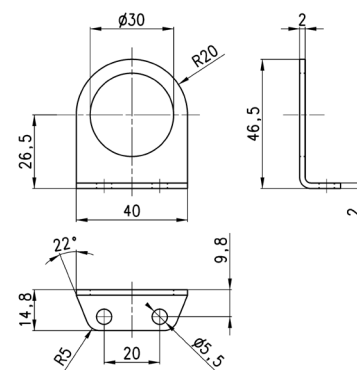


Material:
zinc-plated steel

Supplied with:
1x bracket.

Mod.

C114-ST/1



Mounting bracket Mod. C114-ST/2

For regulators and filter-regulators (G1/4 - G1/8)



Material:
zinc-plated steel

Supplied with:
1x bracket.

Mod.

C114-ST/2

