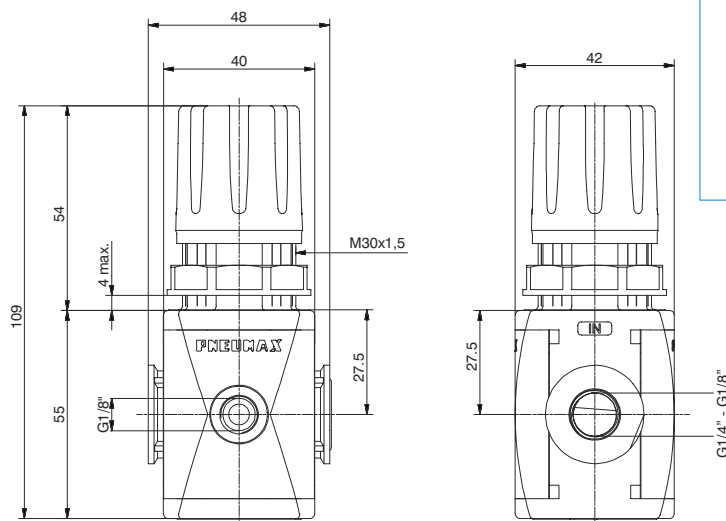
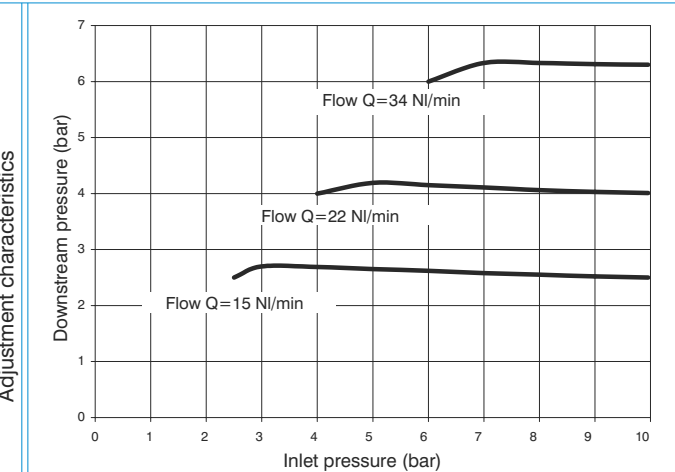
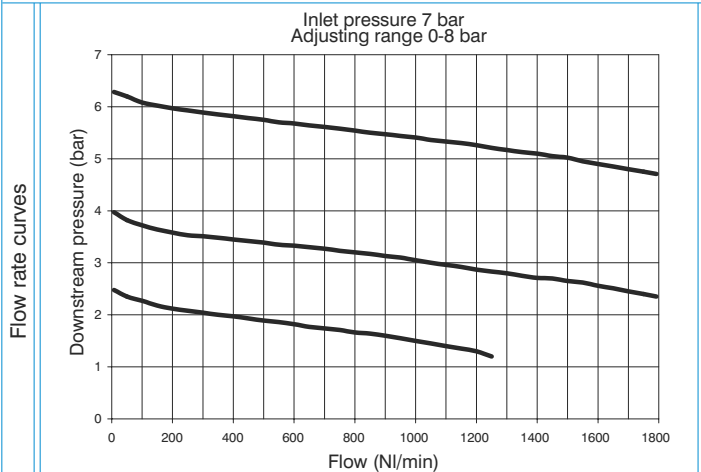


Regulator (R)



Example: T171BRC : size 1, Regulator with Technopolymer threads, G1/4" connections, 0 to 8 bar adjusting range



Operational characteristics

- Diaphragm pressure regulator with relieving.
- Low hysteresis rolling diaphragm.
- Balanced system.
- Available in four pressure ranges up to 12 bar.
- Operating knob can be locked in position by pressing it down once the desired P2 (regulated pressure) pressure value is achieved.
- Fitted with panel mounting locking ring.

Note

The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended.

Technical characteristics

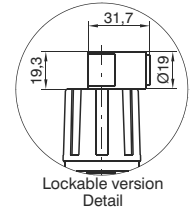
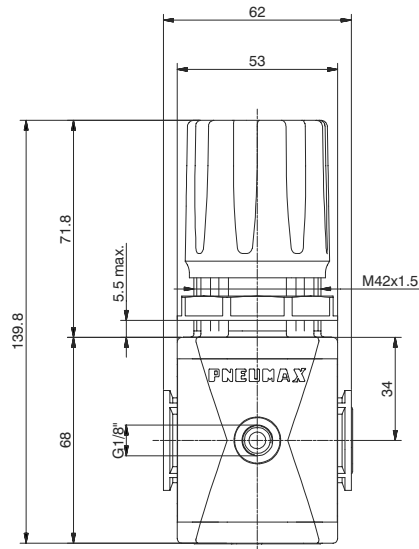
Connections	G 1/8" - G 1/4"
Max. inlet pressure	13 bar
Working temperature	-5°C +50°C
Pressure gauge connections	G 1/8"
Weight with Technopolymer threads	gr. 130
Weight with threaded inserts	gr. 140
Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar
Assembly positions	Indifferent
Max. fitting torque (with Technopolymer threads)	G1/8" = 4 Nm G1/4" = 9 Nm
Max. fitting torque (with threaded inserts)	G1/8" = 15 Nm G1/4" = 20 Nm

Ordering code

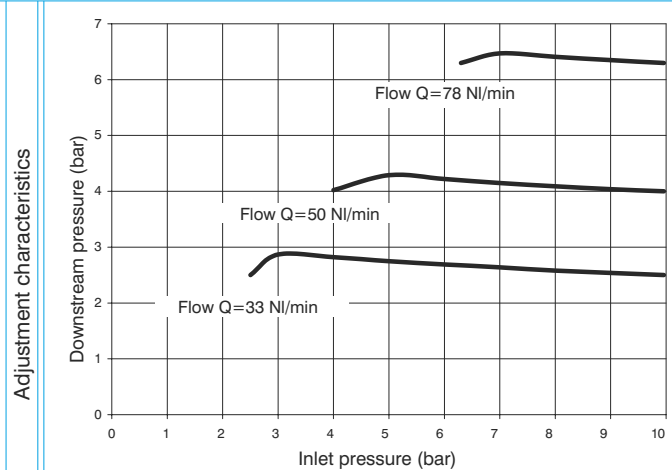
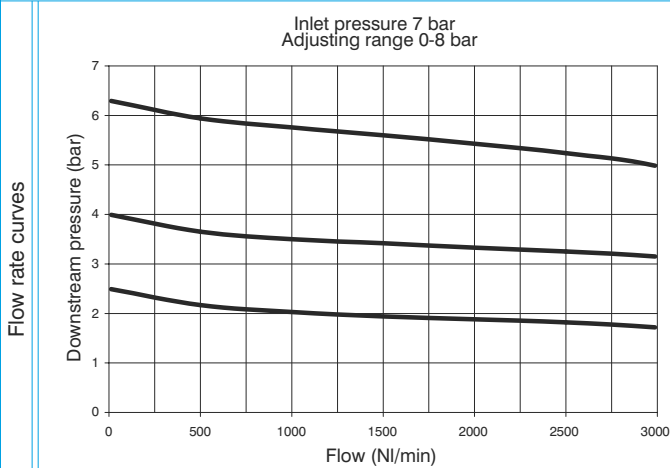
V171ORGT0

V	VERSION
N	Metal inserts
T	Technopolymer thread
CONNECTIONS	
G	A = G1/8" (only for "N" version)
B	G1/4"
C	G1/4" NPT (only for "N" version)
ADJUSTING RANGE	
G	A = 0-2 bar
B	0-4 bar
C	0-8 bar
D	0-12 bar
TYPE	
	= Standard
T	F = Controlled refill + improved relieving
L	no relieving
R	Improved relieving
OPTIONS	
G	= Standard (without options)
K	Lockable version

Regulator (R)



Example: T172BRC : size 2, Regulator with Technopolymer threads, G3/8" connections, 0 to 8 bar adjusting range



Operational characteristics

- Diaphragm pressure regulator with relieving.
- Low hysteresis rolling diaphragm.
- Balanced system.
- Available in four pressure ranges up to 12 bar.
- Operating knob can be locked in position by pressing it down once the desired P2 (regulated pressure) pressure value is achieved.
- Fitted with panel mounting locking ring.

Note

The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended.

Technical characteristics

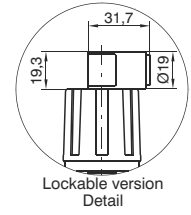
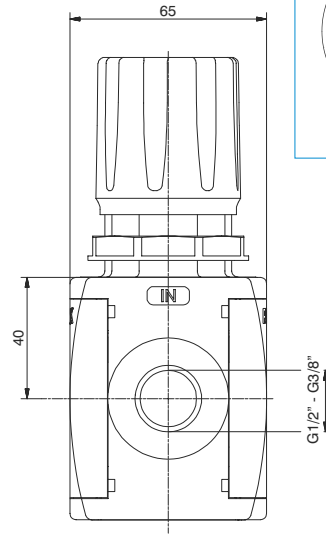
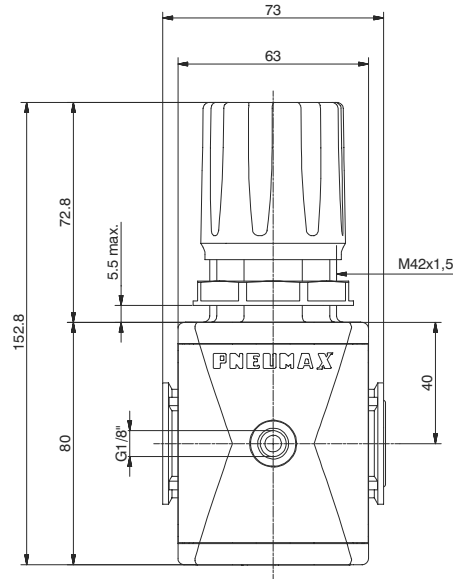
Connections	G 1/4" - G 3/8"
Max. inlet pressure	13 bar
Working temperature	-5°C +50°C
Pressure gauge connections	G 1/8"
Weight with Technopolymer threads	gr. 300
Weight with threaded inserts	gr. 310
Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar
Assembly positions	Indifferent
Max. fitting torque (with Technopolymer threads)	G1/8" = 4 Nm G3/8" = 16 Nm
Max. fitting torque (with threaded inserts)	G1/4" = 20 Nm G3/8" = 25 Nm

Ordering code

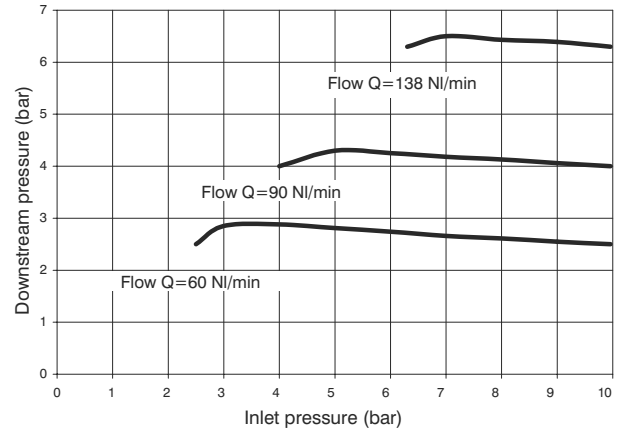
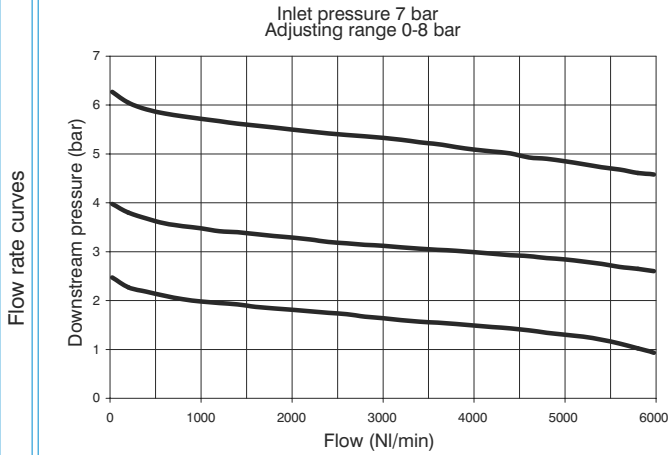
V172ORGT0

VERSION	
N = Metal inserts	
T = Technopolymer thread	
CONNECTIONS	
A = G1/4" (only for "N" version)	
B = G3/8"	
C = G3/8" NPT (only for "N" version)	
ADJUSTING RANGE	
A = 0-2 bar	
B = 0-4 bar	
C = 0-8 bar	
D = 0-12 bar	
TYPE	
= Standard	
F = Controlled refill + improved relieving	
L = no relieving	
R = Improved relieving	
OPTIONS	
= Standard (without options)	
K = Lockable version	

Regulator (R)



Example: T173BRC : size 3, Regulator with Technopolymer threads, G1/2" connections, 0 to 8 bar adjusting range



Operational characteristics

- Diaphragm pressure regulator with relieving.
- Low hysteresis rolling diaphragm.
- Balanced system.
- Available in four pressure ranges up to 12 bar.
- Operating knob can be locked in position by pressing it down once the desired P2 (regulated pressure) pressure value is achieved.
- Fitted with panel mounting locking ring.

Note

The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended.

Technical characteristics

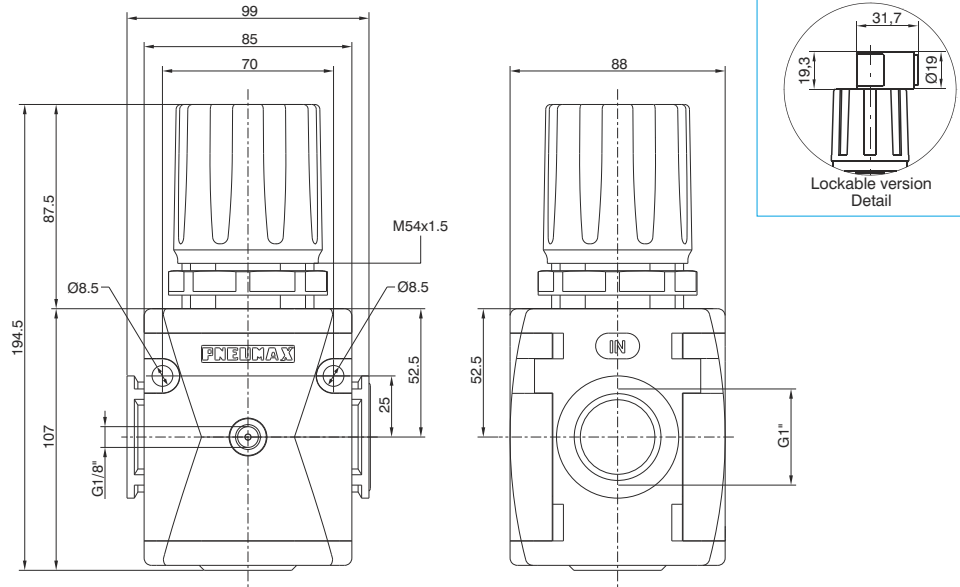
Connections	G 3/8" - G 1/2"
Max. inlet pressure	13 bar
Working temperature	-5°C +50°C
Pressure gauge connections	G 1/8"
Weight with Technopolymer threads	gr. 360
Weight with threaded inserts	gr. 380
Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar
Assembly positions	Indifferent
Max. fitting torque (with Technopolymer threads)	G1/8" = 4 Nm G1/2" = 22 Nm
Max. fitting torque (with threaded inserts)	G3/8" = 25 Nm G1/2" = 30 Nm

Ordering code

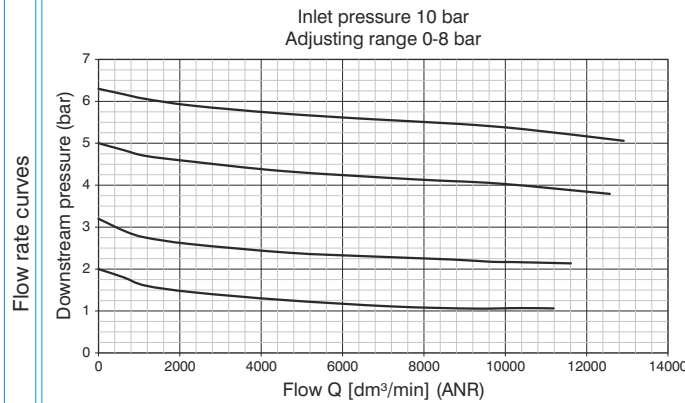
V173REGTO

VERSION	N = Metal inserts T = Technopolymer thread
CONNECTIONS	A = G3/8" (only for "N" version) B = G1/2" C = G1/2" NPT (only for "N" version)
ADJUSTING RANGE	A = 0-2 bar B = 0-4 bar C = 0-8 bar D = 0-12 bar
TYPE	= Standard
REFUELING	F = Controlled refuel + improved relieving L = no relieving R = Improved relieving
OPTIONS	= Standard (without options) K = Lockable version

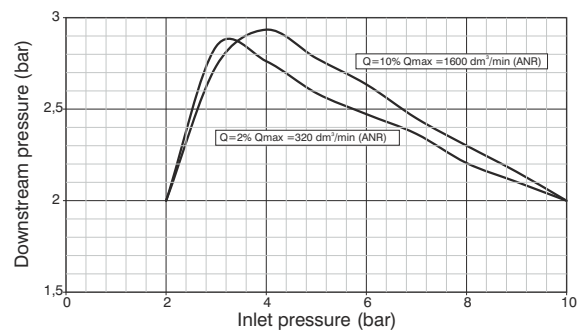
Regulator (R)



Example: N174BRC : size 4, Regulator, G1" connections, 0 to 8 bar adjusting range



Adjustment characteristics



Operational characteristics

- Diaphragm pressure regulator with relieving.
- Low hysteresis rolling diaphragm.
- Balanced system.
- Available in four pressure ranges up to 12 bar.
- Operating knob can be locked in position by pressing it down once the desired P2 (regulated pressure) pressure value is achieved.
- Fitted with panel mounting locking ring.

Note

The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended.

Technical characteristics

Connections	G1"
Max. inlet pressure	13 bar
Working temperature	-5°C +50°C
Pressure gauge connections	G 1/8"
Weight	1225 (gr)
Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar
Assembly positions	Indifferent
Wall fixing screw	M8

Ordering code

N174BR

ADJUSTING RANGE

- A = 0-2 bar
- B = 0-4 bar
- C = 0-8 bar
- D = 0-12 bar

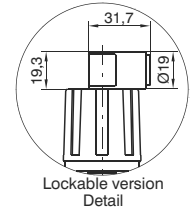
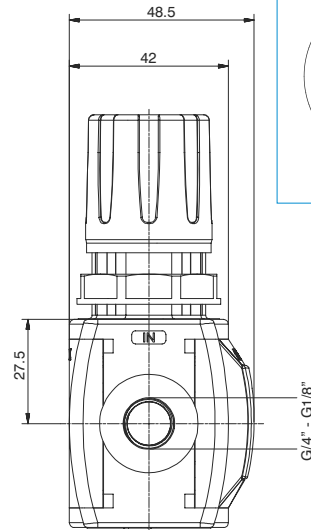
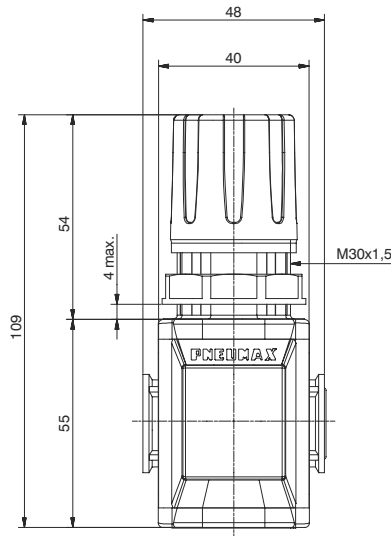
TYPE

- = Standard
- L = no relieving
- R = Improved relieving

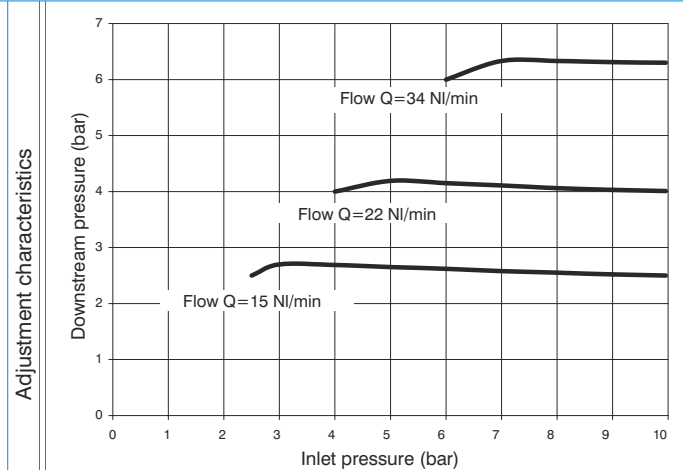
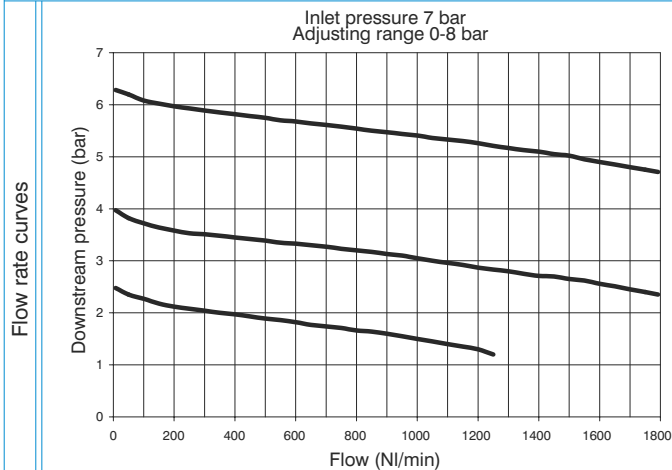
OPTIONS

- = Standard (without options)
- K = Lockable version

Regulator including gauge (RM)(RW)



Example : T171BRMC : size 1, Regulator including gauge with Technopolymer threads, G1/4" connections, 0 to 8 bar adjusting range



Operational characteristics

- Diaphragm pressure regulator with relieving.
- Low hysteresis rolling diaphragm.
- Balanced system.
- Available in four pressure ranges up to 12 bar.
- Operating knob can be locked in position by pressing it down once the desired P2 (regulated pressure) pressure value is achieved.
- Fitted with panel mounting locking ring.
- Integrated manometer 0-12 bar as standard (for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)

Note

The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended.

Technical characteristics

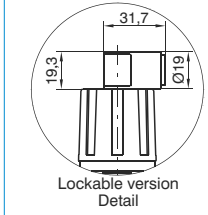
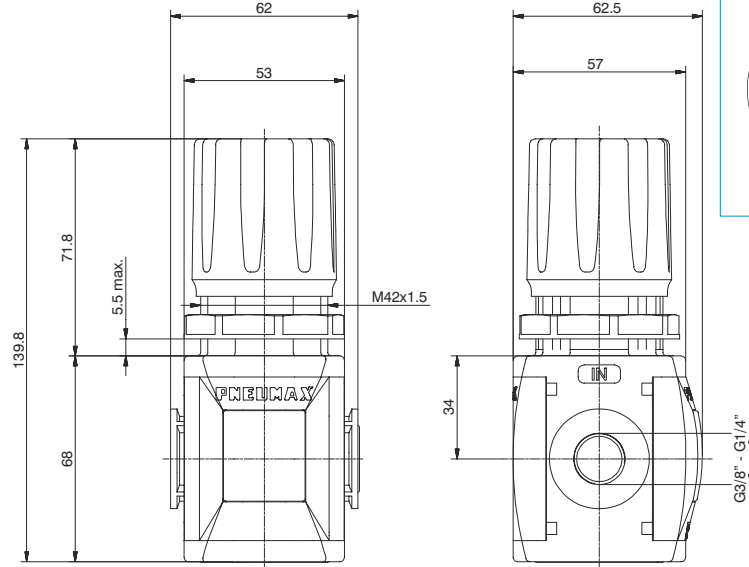
Connections	G 1/8" - G 1/4"
Max. inlet pressure	13 bar
Working temperature	-5°C +50°C
Weight with Technopolymer threads	gr. 140
Weight with threaded inserts	gr. 150
Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar
Assembly positions	Indifferent
Max. fitting torque (with Technopolymer threads)	G1/4" = 9 Nm
Max. fitting torque (with threaded inserts)	G1/8" = 15 Nm G1/4" = 20 Nm

Ordering code

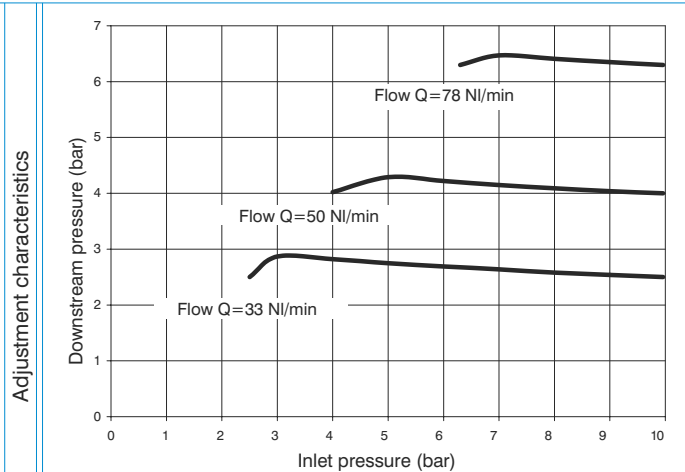
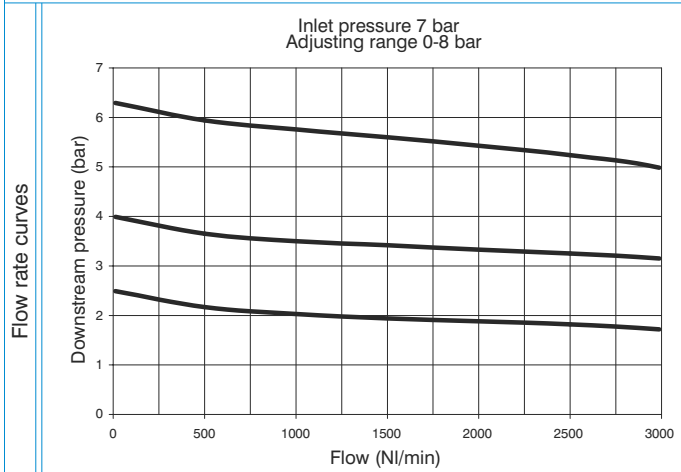
V171CRDGT0

- V** VERSION
 - N = Metal inserts
 - T = Technopolymer thread
- C** CONNECTIONS
 - A = G1/8" (only for "N" version)
 - B = G1/4"
 - C = G1/4" NPT (only for "N" version)
- D** FLOW DIRECTION
 - M = from left to right
 - W = from right to left
- G** ADJUSTING RANGE
 - A = 0-2 bar
 - B = 0-4 bar
 - C = 0-8 bar
 - D = 0-12 bar
- T** TYPE
 - = Standard
 - F = Controlled relief + improved relieving
 - L = no relieving
 - R = Improved relieving
- O** OPTIONS
 - = Standard (without options)
 - K = Lockable version

Regulator including gauge (RM)(RW)



Example : T172BRMC : size 2, Regulator including gauge with Technopolymer threads, G3/8" connections, 0 to 8 bar adjusting range

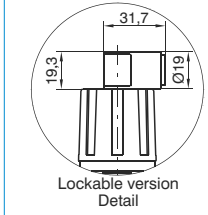
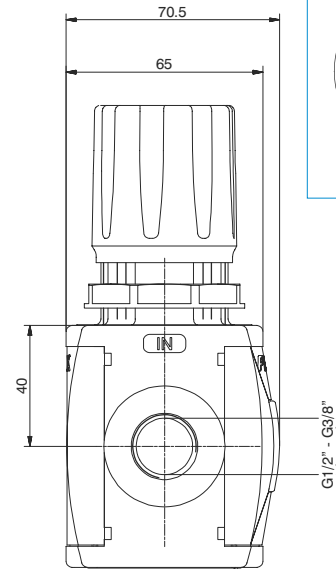
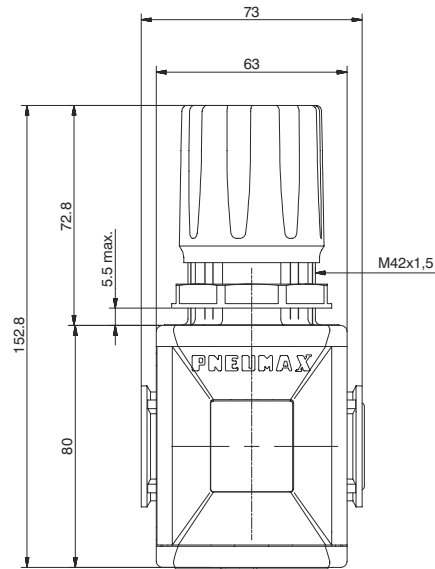


Operational characteristics	Technical characteristics		Ordering code
<ul style="list-style-type: none"> - Diaphragm pressure regulator with relieving. - Low hysteresis rolling diaphragm. - Balanced system. - Available in four pressure ranges up to 12 bar. - Operating knob can be locked in position by pressing it down once the desired P2 (regulated pressure) pressure value is achieved. - Fitted with panel mounting locking ring. - Integrated manometer 0-12 bar as standard (for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range) 	Connections	G 1/4" - G 3/8"	V172CRDGT0 VERSION N = Metal inserts T = Technopolymer thread CONNECTIONS A = G1/4" (only for "N" version) B = G3/8" C = G3/8" NPT (only for "N" version) FLOW DIRECTION D M = from left to right W = from right to left ADJUSTING RANGE A = 0-2 bar B = 0-4 bar C = 0-8 bar D = 0-12 bar TYPE = Standard F = Controlled refiel + improved relieving L = no relieving R = Improved relieving OPTIONS = Standard (without options) K = Lockable version
	Max. inlet pressure	13 bar	
	Working temperature	-5°C +50°C	
	Weight with Technopolymer threads	gr. 300	
	Weight with threaded inserts	gr. 310	
Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar		
Assembly positions	Indifferent		
Max. fitting torque (with Technopolymer threads)	G3/8" = 16 Nm		
Note The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended.	Max. fitting torque (with threaded inserts)	G1/4" = 20 Nm G3/8" = 25 Nm	

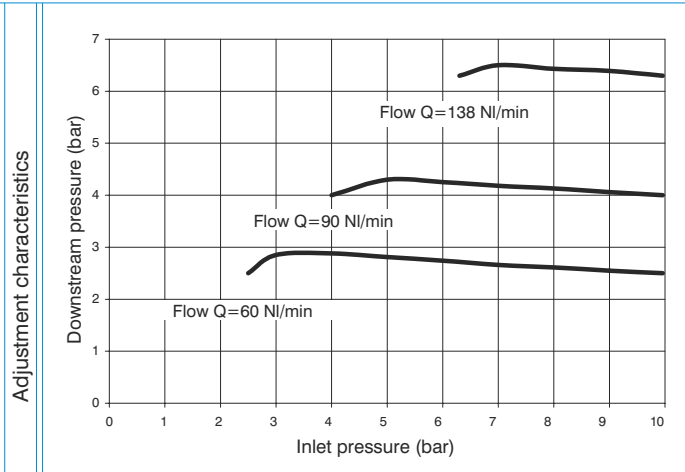
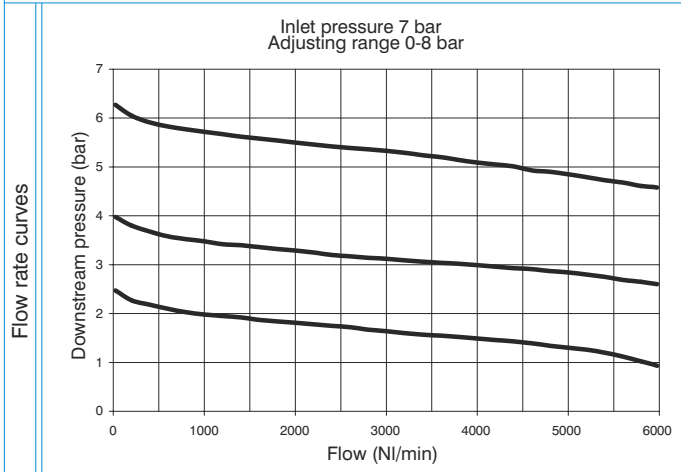




Regulator including gauge (RM)(RW)



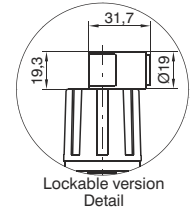
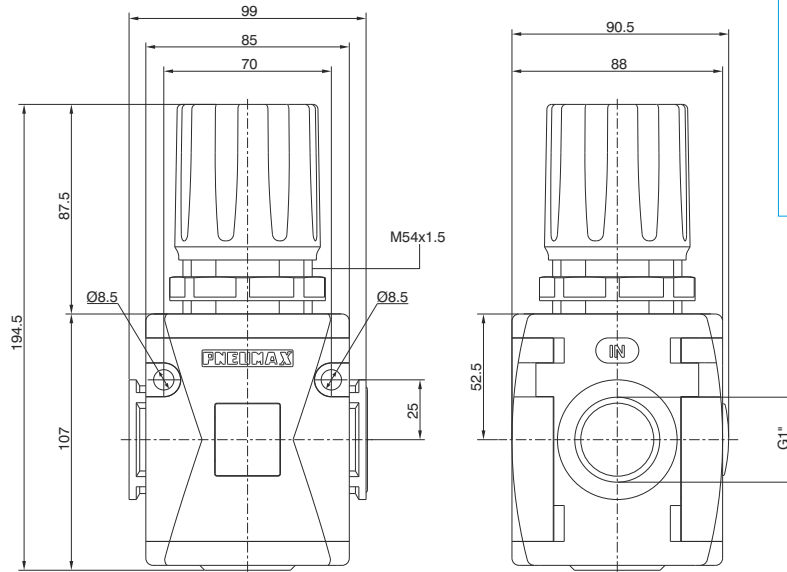
Example : T173BRMC : size 3, Regulator including gauge with Technopolymer threads, G1/2" connections, 0 to 8 bar adjusting range



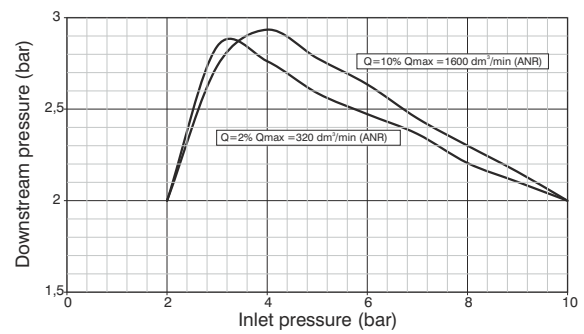
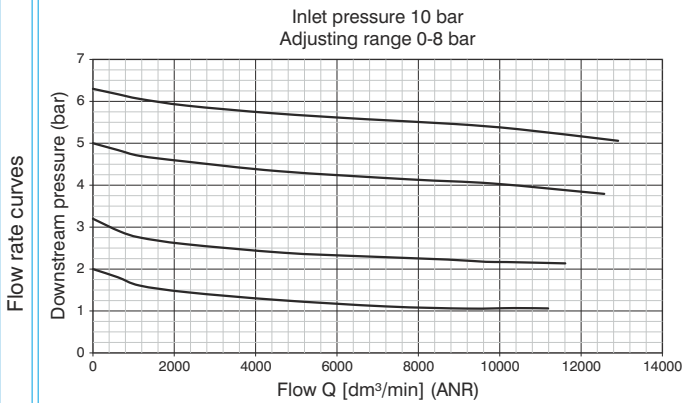
Operational characteristics	Technical characteristics		Ordering code
<ul style="list-style-type: none"> - Diaphragm pressure regulator with relieving. - Low hysteresis rolling diaphragm. - Balanced system. - Available in four pressure ranges up to 12 bar. - Operating knob can be locked in position by pressing it down once the desired P2 (regulated pressure) pressure value is achieved. - Fitted with panel mounting locking ring. - Integrated manometer 0-12 bar as standard (for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range) 	Connections	G 3/8" - G 1/2"	V173CRDGT0
	Max. inlet pressure	13 bar	
<p>Note</p> The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended.	Working temperature	-5°C +50°C	CONNECTIONS A = G3/8" (only for "N" version) B = G1/2" C = G1/2" NPT (only for "N" version)
	Weight with Technopolymer threads	gr. 370	
	Weight with threaded inserts	gr. 390	ADJUSTING RANGE A = 0-2 bar B = 0-4 bar C = 0-8 bar D = 0-12 bar
	Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	
	Assembly positions	Indifferent	OPTIONS = Standard (without options) K = Lockable version
	Max. fitting torque (with Technopolymer threads)	G1/2" = 22 Nm	
	Max. fitting torque (with threaded inserts)	G3/8" = 25 Nm G1/2" = 30 Nm	



Regulator including gauge (RM)(RW)



Example : N174BRMC : size 4, Regulator including gauge, G1" connections, 0 to 8 bar adjusting range



Operational characteristics

- Diaphragm pressure regulator with relieving.
- Low hysteresis rolling diaphragm.
- Balanced system.
- Available in four pressure ranges up to 12 bar.
- Operating knob can be locked in position by pressing it down once the desired P2 (regulated pressure) pressure value is achieved.
- Fitted with panel mounting locking ring.
- Integrated manometer 0-12 bar as standard (for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)

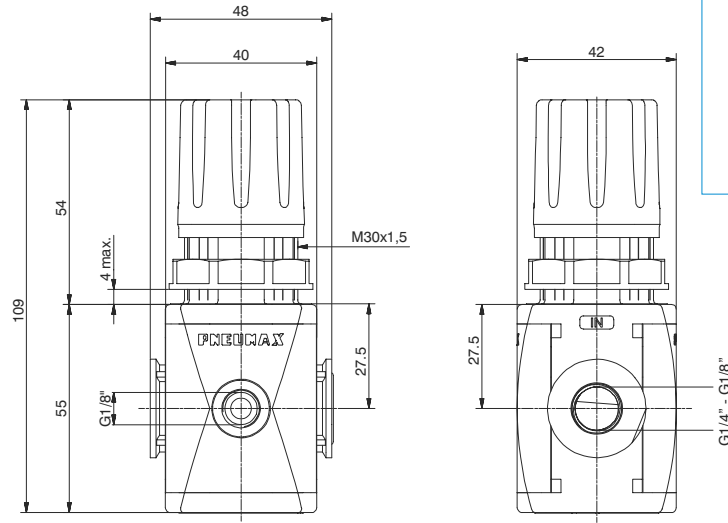
Note

The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended.

Technical characteristics

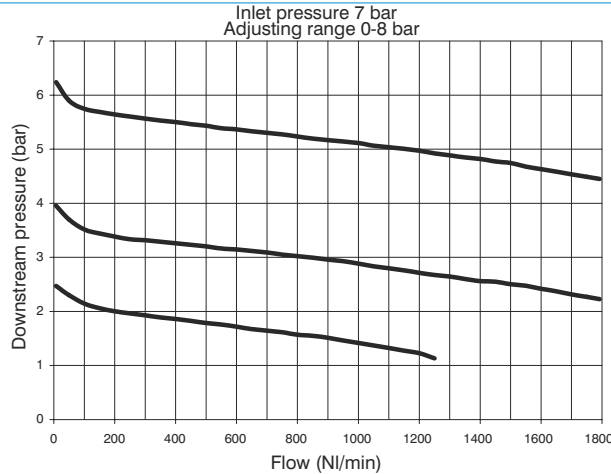
Connections	G1"	Ordering code N174BRGTO
Max. inlet pressure	13 bar	
Working temperature	-5°C +50°C	
Weight	1220 (gr)	
Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	
Assembly positions	Indifferent	FLOW DIRECTION M = from left to right W = from right to left ADJUSTING RANGE A = 0-2 bar B = 0-4 bar C = 0-8 bar D = 0-12 bar TYPE = Standard T = no relieving R = Improved relieving OPTIONS = Standard (without options) K = Lockable version
Wall fixing screw	M8	

Modular pressure regulator (B)



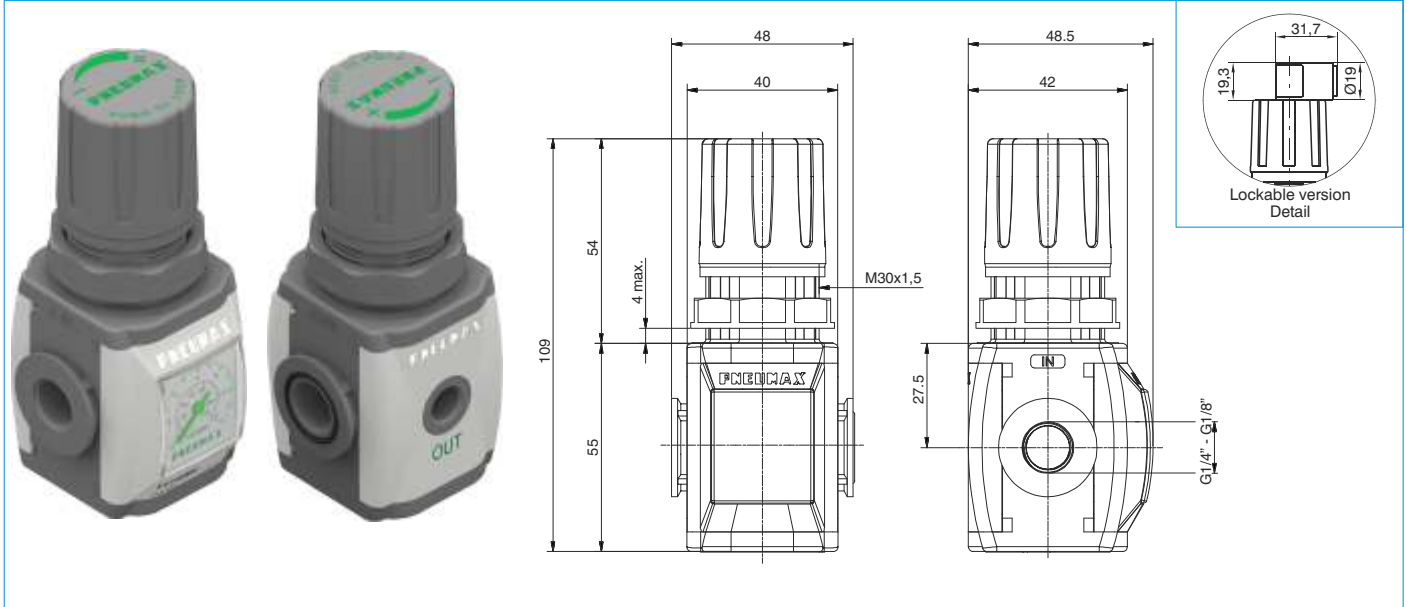
Example: T171BBC : size 1, Regulator with Technopolymer threads, G1/4" connections, 0 to 8 bar adjusting range

3
Flow rate curves

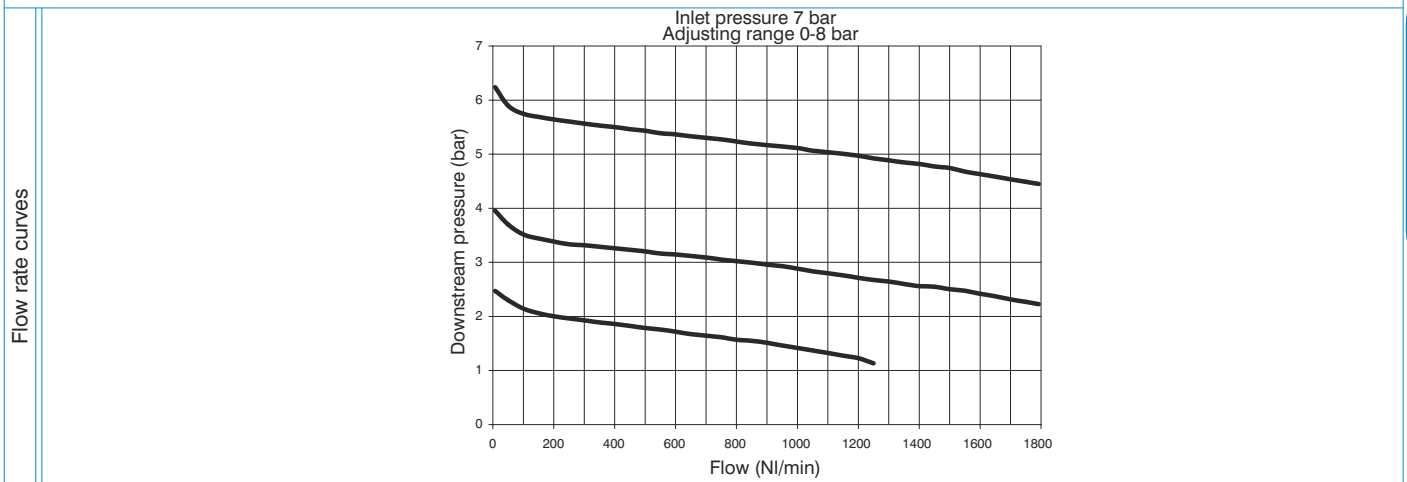


Operational characteristics	Technical characteristics		Ordering code
<ul style="list-style-type: none"> - Diaphragm pressure regulator with relieving. - Low hysteresis rolling diaphragm. - Balanced system. - Available in four pressure ranges up to 12 bar. - Operating knob can be locked in position by pressing it down once the desired P2 (regulated pressure) pressure value is achieved. - G1/8" output front connection. - Air supply can be applied by both directions. 	Connections	G 1/8" - G 1/4"	V171CBCTO VERSION N = Metal inserts T = Technopolymer thread CONNECTIONS A = G1/8" (only for "N" version) B = G1/4" C = G1/4" NPT (only for "N" version) ADJUSTING RANGE A = 0-2 bar B = 0-4 bar C = 0-8 bar D = 0-12 bar TYPE = Standard F = Controlled refill + improved relieving L = no relieving R = Improved relieving OPTIONS = Standard (without options) K = Lockable version
	Max. inlet pressure	13 bar	
	Working temperature	-5°C +50°C	
	Pressure gauge connections	G 1/8"	
Weight with Technopolymer threads	gr. 130		
Weight with threaded inserts	gr. 140		
Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar		
Assembly positions	Indifferent		
Max. fitting torque (with Technopolymer threads)	G1/8" = 4 Nm G1/4" = 9 Nm		
Max. fitting torque (with threaded inserts)	G1/8" = 15 Nm G1/4" = 20 Nm		

Modular pressure regulator including manometer (M)



Example : T171BMC : size 1, Regulator including gauge with Technopolymer threads, G1/4" connections, 0 to 8 bar adjusting range



Operational characteristics	Technical characteristics		Ordering code
<ul style="list-style-type: none"> - Diaphragm pressure regulator with relieving. - Low hysteresis rolling diaphragm. - Balanced system. - Available in four pressure ranges up to 12 bar. - Operating knob can be locked in position by pressing it down once the desired P2 (regulated pressure) pressure value is achieved. - G 1/8" output connection positioned on the opposite side of the built in gauge. - Air supply can be applied by both directions. - Integrated manometer 0-12 bar as standard (for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range) 	Connections	G 1/8" - G 1/4"	<p>V171CMT0</p> <p>VERSION</p> <p>N = Metal inserts T = Technopolymer thread</p> <p>CONNECTIONS</p> <p>A = G1/8" (only for "N" version) B = G1/4" C = G1/4" NPT (only for "N" version)</p> <p>ADJUSTING RANGE</p> <p>A = 0-2 bar B = 0-4 bar C = 0-8 bar D = 0-12 bar</p> <p>TYPE</p> <p>= Standard</p> <p>F = Controlled relief + improved relieving L = no relieving R = Improved relieving</p> <p>OPTIONS</p> <p>= Standard (without options) K = Lockable version</p>
	Max. inlet pressure	13 bar	
	Working temperature	-5°C +50°C	
	Weight with Technopolymer threads	gr. 140	
	Weight with threaded inserts	gr. 150	
	Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	
	Assembly positions	Indifferent	
	Max. fitting torque (with Technopolymer threads)	G1/8" = 4 Nm G1/4" = 9 Nm	
	Max. fitting torque (with threaded inserts)	G1/8" = 15 Nm G1/4" = 20 Nm	
	Note	The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended.	