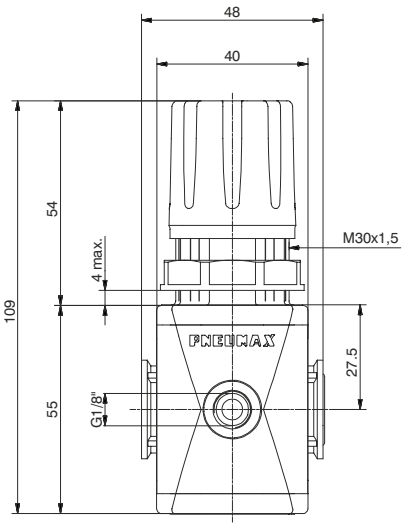
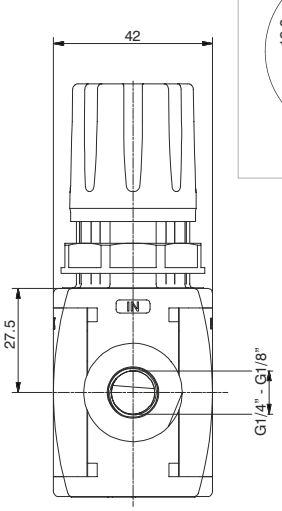
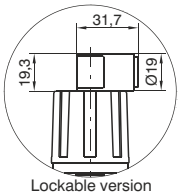
Regulator (R)



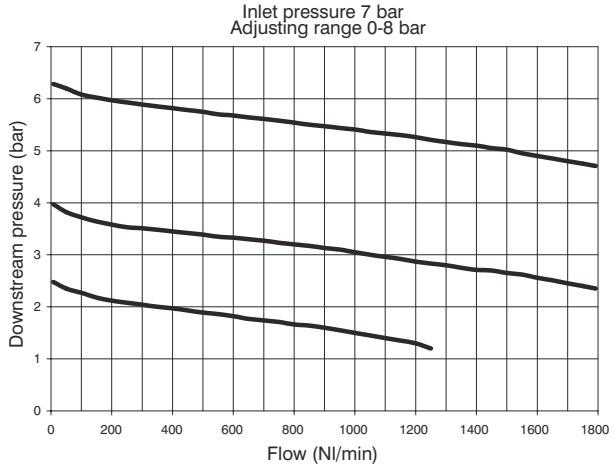




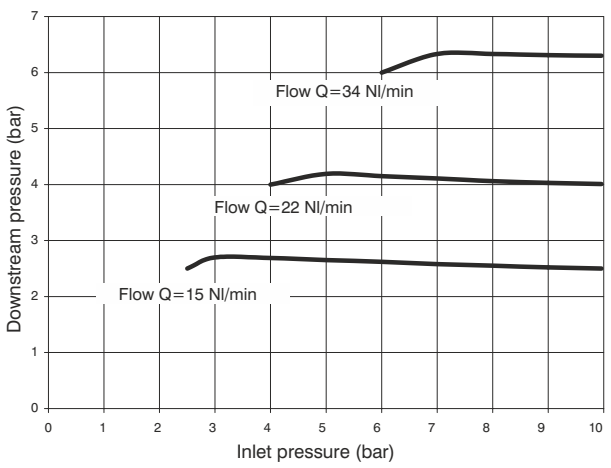
Lockable version
Detail

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

Flow rate curves



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	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

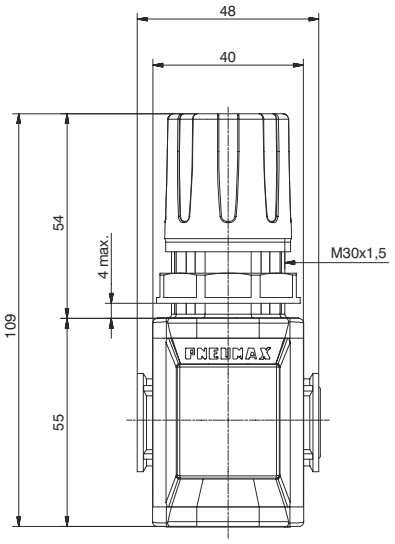
Ordering code

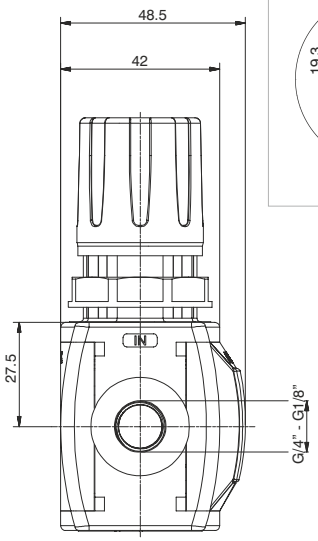
Ⓥ171ⒸRⒼⓉⓄ

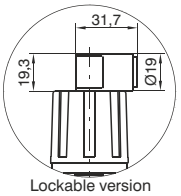
Ⓥ	VERSION
	N = Metal inserts
	T = Technopolymer thread
Ⓒ	CONNECTIONS
	A = G1/8" (only for "N" version)
	B = G1/4"
	C = G1/4" NPT (only for "N" version)
Ⓖ	ADJUSTING RANGE
	A = 0-2 bar
	B = 0-4 bar
	C = 0-8 bar
	D = 0-12 bar
Ⓣ	TYPE
	= Standard *
	F = Controlled refiel + improved relieving
	L = no relieving
	R = Improved relieving
Ⓞ	OPTIONS
	= Standard *
	K = Lockable version

* no additional letter required

Regulator including gauge (RM)(RW)



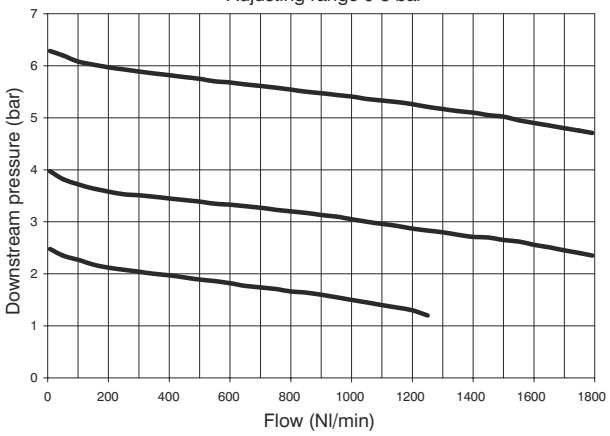




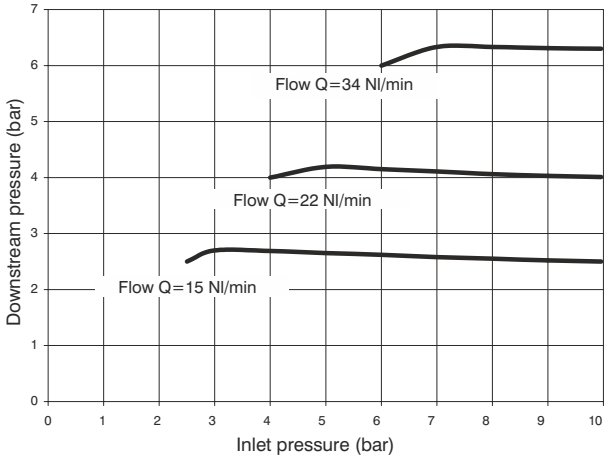
Lockable version
Detail

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

Flow rate curves



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.
- 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

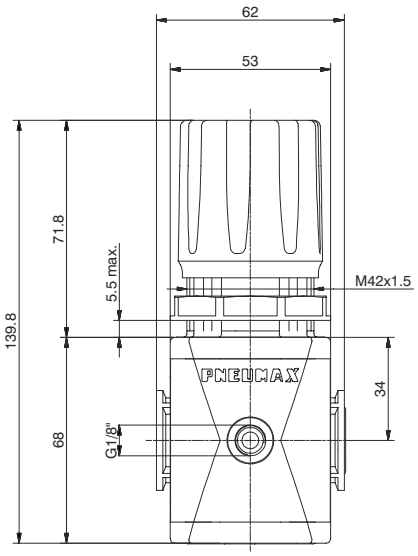
Ordering code

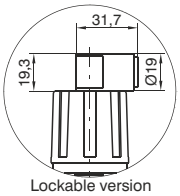
Ⓥ171ⒸRⒹⒼⓉⓄ

Ⓥ	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)
Ⓓ	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 *
	F = Controlled refiel + improved relieving
	L = no relieving
	R = Improved relieving
Ⓞ	OPTIONS
	= Standard *
	K = Lockable version

* no additional letter required

Regulator (R)

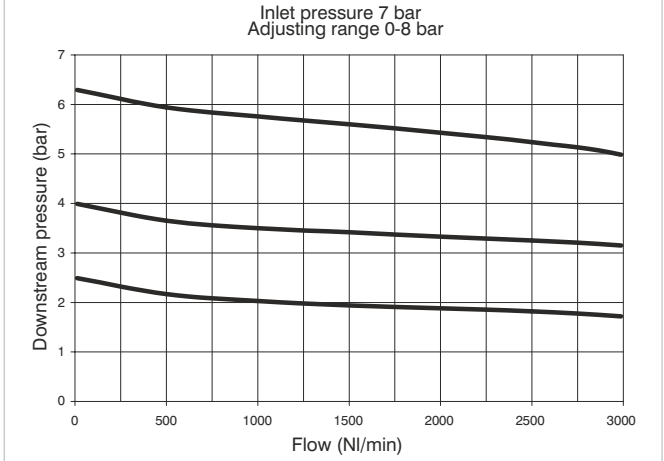




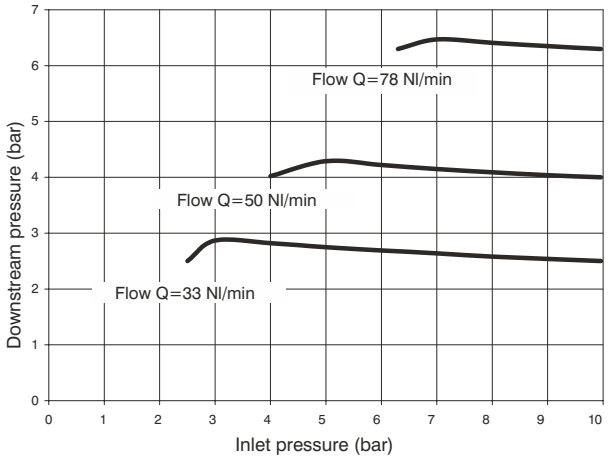
Lockable version
Detail

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

Flow rate curves



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	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

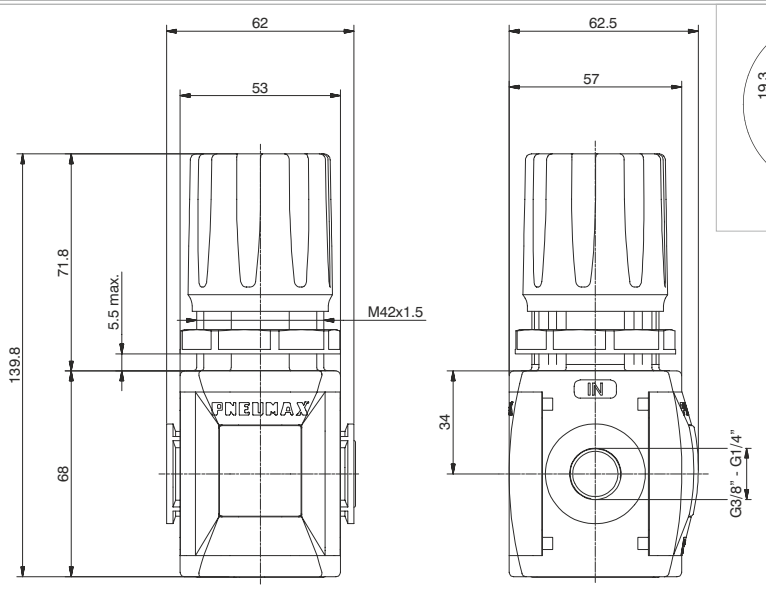
Ordering code

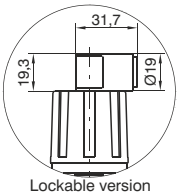
Ⓥ172ⒸRⒼⓉⓄ

Ⓥ	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 refiel + improved relieving
	L = no relieving
	R = Improved relieving
Ⓞ	OPTIONS
	= Standard *
	K = Lockable version

* no additional letter required

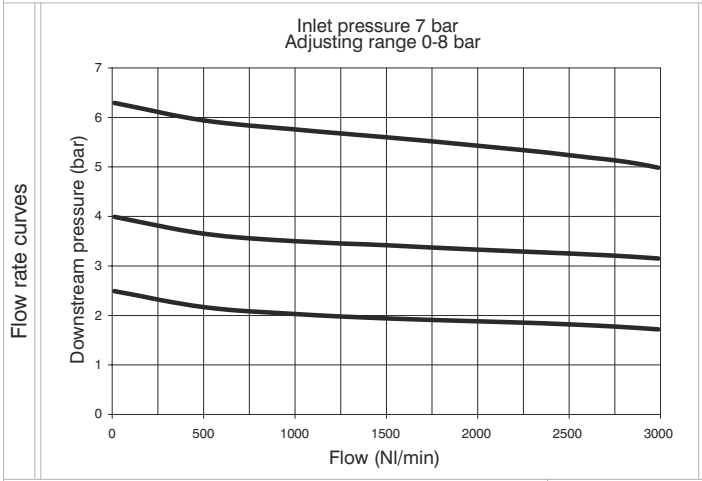
Regulator including gauge (RM)(RW)

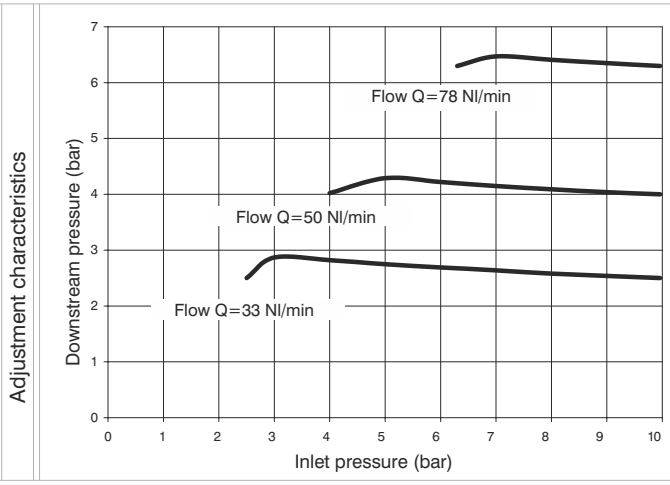




Lockable version
Detail

Example : T172BRMC : size 2, Regulator including gauge 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.
- 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 1/4" - G 3/8"
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
Max. fitting torque (with threaded inserts)	G1/4" = 20 Nm G3/8" = 25 Nm

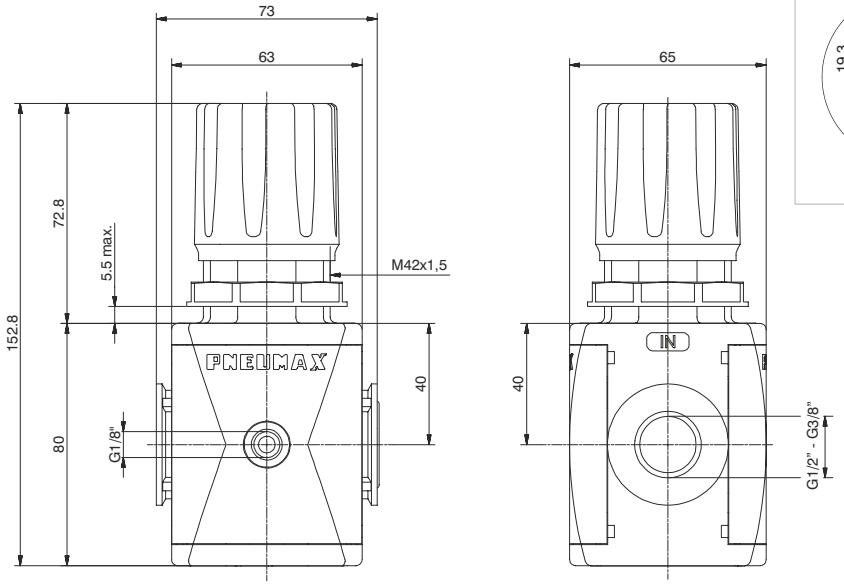
Ordering code

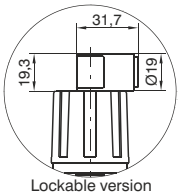
Ⓥ172ⒸRⒹⒼⓉⓄ

Ⓥ	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
	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 *
	K = Lockable version

* no additional letter required

Regulator (R)

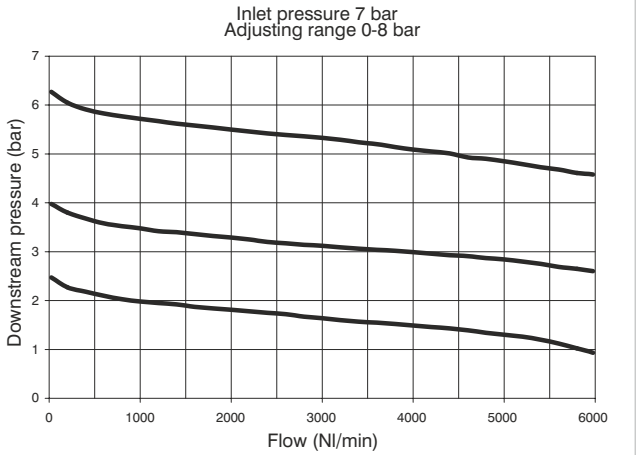




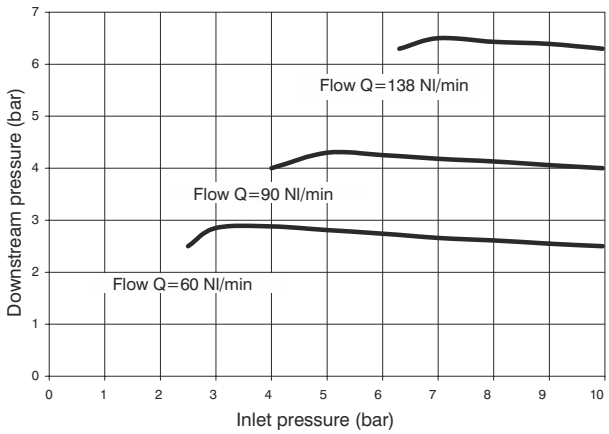
Lockable version
Detail

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

Flow rate curves



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	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

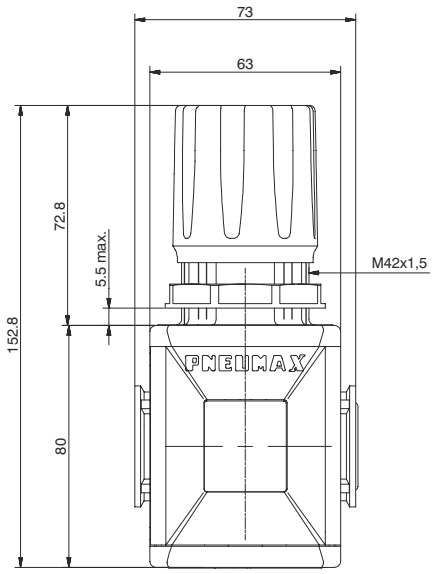
Ordering code

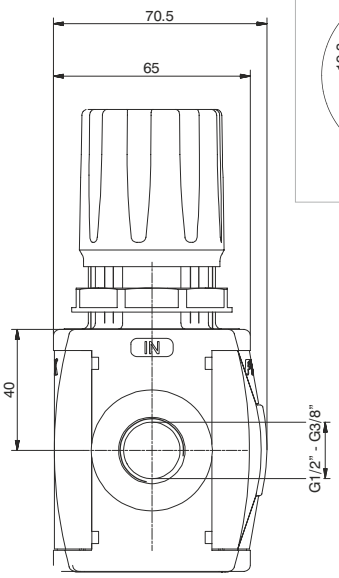
V173CRGTO

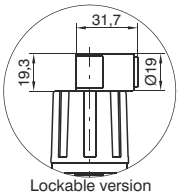
V	VERSION
	N = Metal inserts
	T = Technopolymer thread
C	CONNECTIONS
	A = G3/8" (only for "N" version)
	B = G1/2"
	C = G1/2" NPT (only for "N" version)
G	ADJUSTING RANGE
	A = 0-2 bar
	B = 0-4 bar
	C = 0-8 bar
	D = 0-12 bar
T	TYPE
	= Standard *
	F = Controlled refiel + improved relieving
	L = no relieving
	R = Improved relieving
O	OPTIONS
	= Standard *
	K = Lockable version

* no additional letter required

Regulator including gauge (RM)(RW)





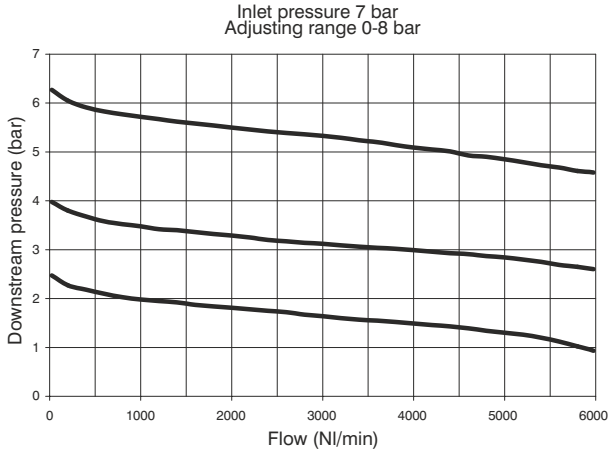


Lockable version
Detail

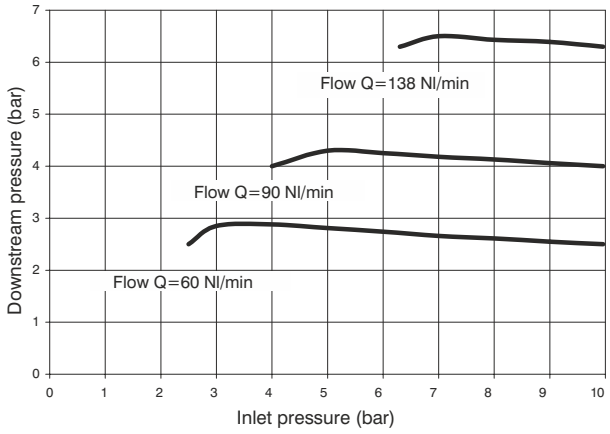
Example : T173BRMC : size 3, Regulator including gauge with Technopolymer threads, G1/2" connections, 0 to 8 bar adjusting range

3

Flow rate curves



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.
- 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 3/8" - G 1/2"
Max. inlet pressure	13 bar
Working temperature	-5°C +50°C
Weight with Technopolymer threads	gr. 370
Weight with threaded inserts	gr. 390
Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar
Assembly positions	Indifferent
Max. fitting torque (with Technopolymer threads)	G1/2" = 22 Nm
Max. fitting torque (with threaded inserts)	G3/8" = 25 Nm G1/2" = 30 Nm

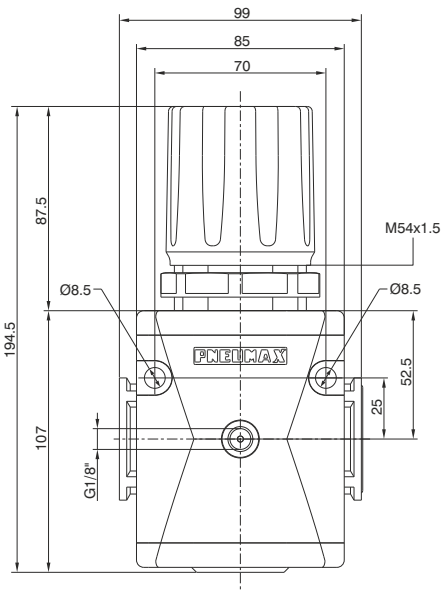
Ordering code

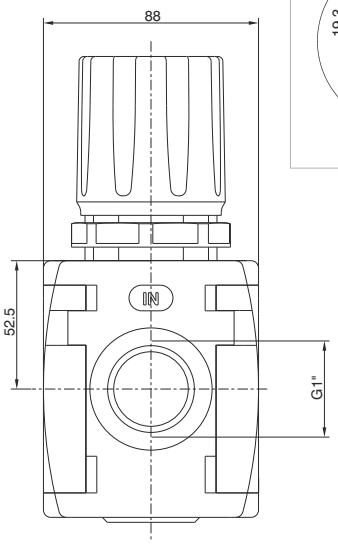
Ⓥ173ⒸⓇⒹⒼⓉⓄ

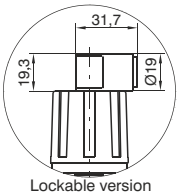
Ⓥ	VERSION
	N = Metal inserts
	T = Technopolymer thread
Ⓒ	CONNECTIONS
	A = G3/8" (only for "N" version)
	B = G1/2"
	C = G1/2" NPT (only for "N" version)
Ⓓ	FLOW DIRECTION
	M = from left to right
	W = from right to left
Ⓖ	ADJUSTING RANGE
	A = 0-2 bar
	B = 0-4 bar
	C = 0-8 bar
	D = 0-12 bar
Ⓣ	TYPE
	= Standard *
	F = Controlled refiel + improved relieving
	L = no relieving
	R = Improved relieving
Ⓞ	OPTIONS
	= Standard *
	K = Lockable version

* no additional letter required

Regulator (R)





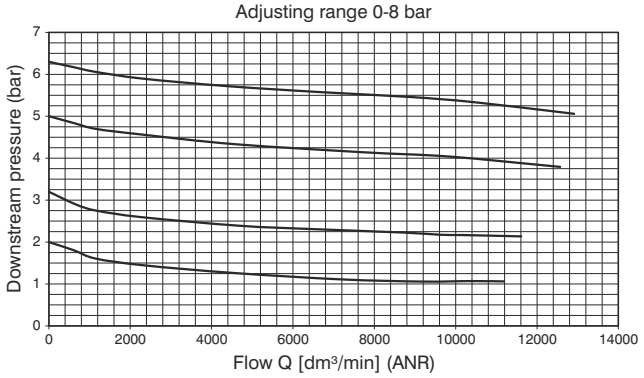


Lockable version
Detail

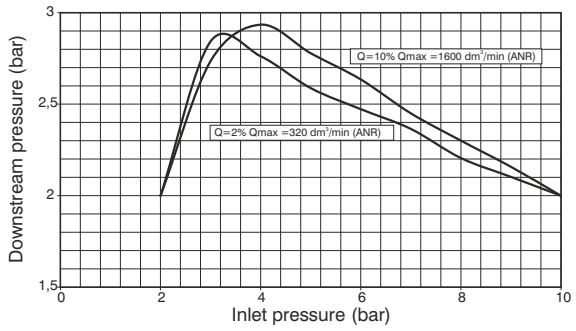
Example: N174BRC : size 4, Regulator, G1" connections, 0 to 8 bar adjusting range

3

Flow rate curves



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

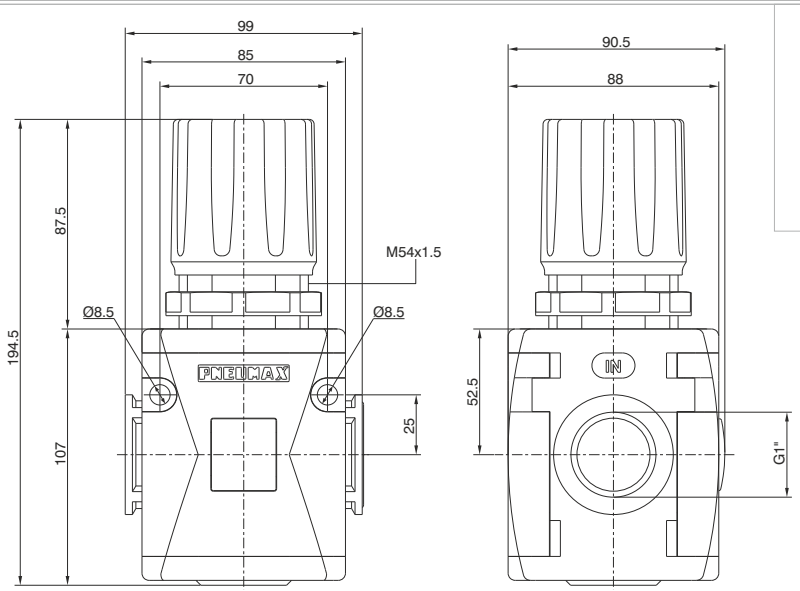
Ordering code

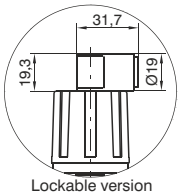
N174BR(G)(T)(O)

(G)	ADJUSTING RANGE
	A = 0-2 bar
	B = 0-4 bar
	C = 0-8 bar
	D = 0-12 bar
(T)	TYPE
	= Standard*
	L = no relieving
	R = Improved relieving
(O)	OPTIONS
	= Standard*
	K = Lockable version

* no additional letter required

Regulator including gauge (RM)(RW)

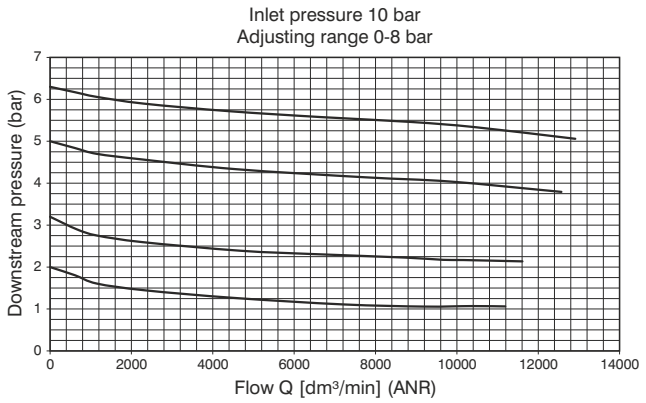




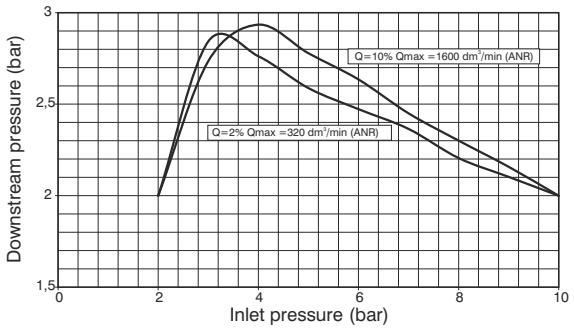
Lockable version
Detail

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

Flow rate curves



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.
- 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”
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
Wall fixing screw	M8

Ordering code

N174BR(D)(G)(T)(O)

(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 *
	L = no relieving
	R = Improved relieving
(O)	OPTIONS
	= Standard *
	K = Lockable version

* no additional letter required