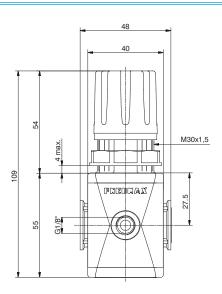
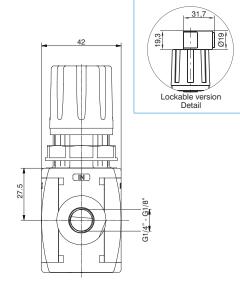
Series Airplus Size 1

Regulator (R)

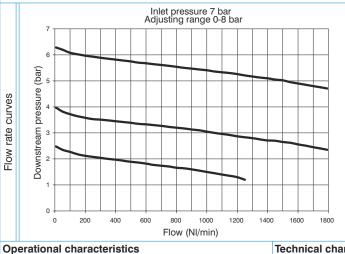


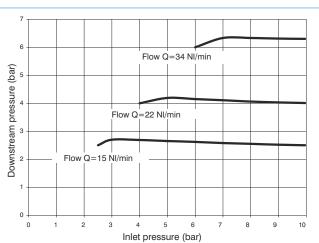


Adjustment characteristics



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





Ordering code **♥**171**©**R**©©©**

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

= Standard(without options K = Lockable version

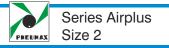
TYPE = Standard F = Controlled refiel + improved relieving L = no relieving R = Improved relieving OPTIONS

- 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

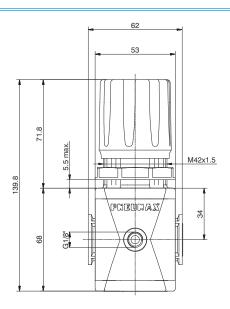
regulated pressure is recommended.

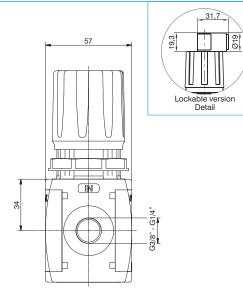
			,	
	Technical characteristics			
	Connections	G 1/8" - G 1/4"		Ordering cod
	Max. inlet pressure	13 bar		0.00g
	Working temperature	-5°C +50°C		Ø 171 @ R ©①
	Pressure gauge connections	G 1/8"		VERSION
	Weight with Technopolymer threads	gr. 130	V	N = Metal inserts
	Weight with threaded inserts	gr. 140		T = Technopolyme
	_	0-2 bar / 0-4 bar		CONNECTIONS A = G1/8"(only for "N" v
	Pressure range	0-8 bar / 0-12 bar	•	B = G1/4"
	Assembly positions	Indifferent		C = G1/4" NPT(only t
_			-	ADJUSTING RANG
	Max. fitting torque	G1/8" = 4 Nm		A = 0-2 bar
	(with Technopolymer threads)	G1/4" = 9 Nm	G	
				C = 0-8 bar
				D = 0-12 bar
				TYPE
				= Standard
	Max. fitting torque	G1/8" = 15 Nm	0	F = Controlled refie
	<u> </u>	·		improved reliev
	(with threaded inserts)	G1/4" = 20 Nm		L = no relieving
				D. Lancaure of a disc



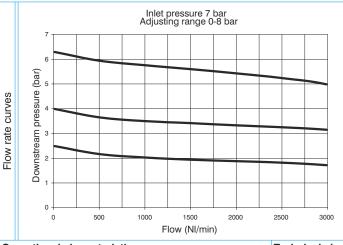
Regulator (R)

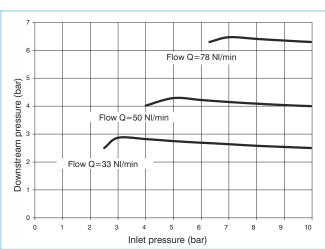






Example: T172BRC: size 2, Regulator with Technopolymer threads, G3/8" connections, 0 to 8 bar adjusting range





G3/8" = 25 Nm

regulated pressure is recommended.

Technical characteristics

(with threaded inserts)

Adjustment 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
- 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. Fa a more precise regulation and higher sensibility, the use of a sensibility.
- 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 the sensibility.
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 sensibility.
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. Fa more precise regulation and higher sensibility, the use of a
pressure value is achieved Fitted with panel mounting locking ring. Note The pressure must be always regulating while increasing. Fa more precise regulation and higher sensibility, the use of a
- Fitted with panel mounting locking ring. Note The pressure must be always regulating while increasing. Fa more precise regulation and higher sensibility, the use of a
Note The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a
The pressure must be always regulating while increasing. Fa more precise regulation and higher sensibility, the use of a
a more precise regulation and higher sensibility, the use of
regulator with a pressure range as close as possible to the

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
Fressure range	0-8 bar / 0-12 bar
Assembly positions	Indifferent
Max. fitting torque	G1/8" = 4 Nm
(with Technopolymer threads)	G3/8" = 16 Nm
Max. fitting torque	G1/4" = 20 Nm

	•	VERSION
		N = Metal inserts
		T = Technopolymer thread
		CONNECTIONS
	•	A = G1/4"(only for "N" version)
	G	B = G3/8"
		C = G3/8" NPT(only for "N" version)
		ADJUSTING RANGE
		A = 0-2 bar
	e	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

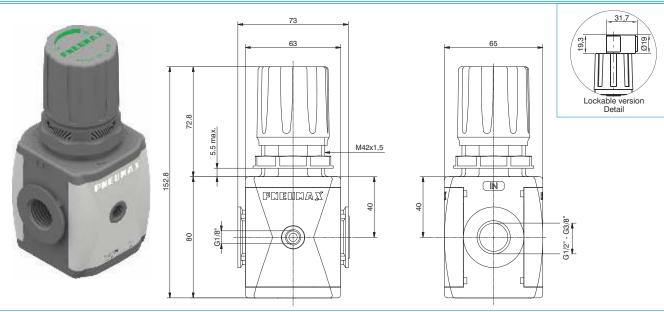
= Standard(without options)
K = Lockable version

Ordering code

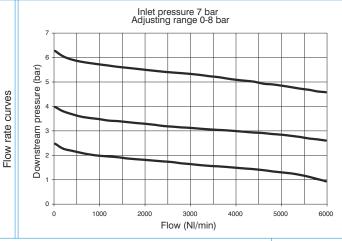
172@R@@0

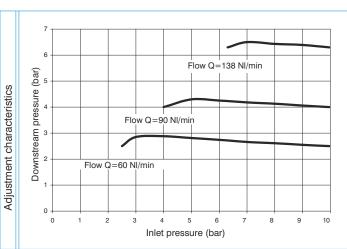
= Standard(without options) K = Lockable version

Regulator (R)



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

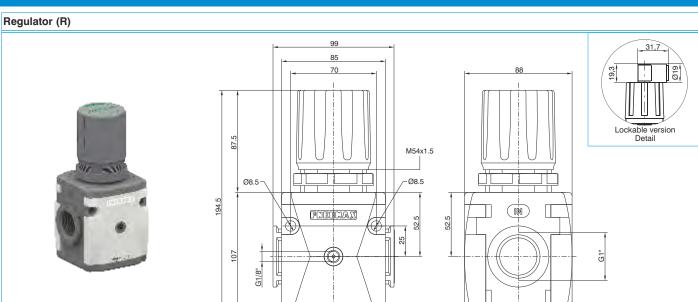




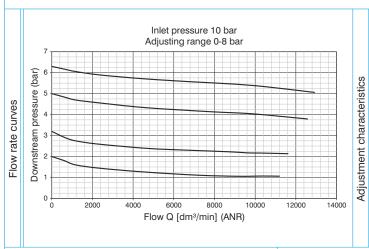
Operational characteristics

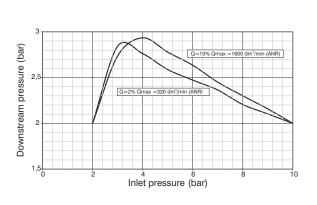
Technical characteristics

- Diaphragm pressure regulator with relieving.	Connections	G 3/8" - G 1/2"		Ordering code	
- Low hysteresis rolling diaphragm.	Max. inlet pressure	13 bar		Ø 173 © R ©©	
- Balanced system.	Working temperature	-5°C +50°C			
- Available in four pressure ranges up to 12 bar.	Pressure gauge connections	G 1/8"		VERSION	
- Operating knob can be locked in position by pressing it	Weight with Technopolymer threads	gr. 360	V	N = Metal inserts	
down once the desired P2 (regulated pressure)	Weight with threaded inserts	gr. 380		T = Technopolymer thread CONNECTIONS	
pressure value is achieved.	Pressure range	0-2 bar / 0-4 bar	0	A = G3/8"(only for "N" version)	
- Fitted with panel mounting locking ring.	riessule lange	0-8 bar / 0-12 bar	•	B = G1/2"	
Note	Assembly positions	Indifferent		C = G1/2" NPT(only for "N" version) ADJUSTING RANGE	
The pressure must be always regulating while increasing. For	Max. fitting torque	G1/8" = 4 Nm		A = 0.2 bar	
a more precise regulation and higher sensibility, the use of a	(with Technopolymer threads)	G1/2" = 22 Nm	e	B = 0-4 bar	
regulator with a pressure range as close as possible to the				C = 0-8 bar	
regulated pressure is recommended.				D = 0-12 bar TYPE	
regulated pressure is recommended.				= Standard	
	Max. fitting torque	G3/8" = 25 Nm	0	F = Controlled refiel +	
		, -	U	improved relieving	
	(with threaded inserts)	G1/2" = 30 Nm		L = no relieving	
				R = Improved relieving	
				OPTIONS	



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

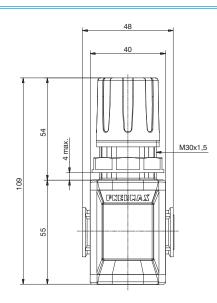


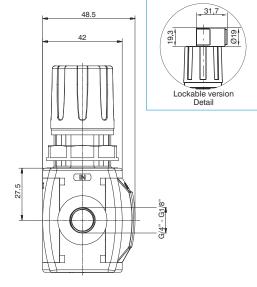


Operational characteristics	Technical characteristics				
- Diaphragm pressure regulator with relieving.	Connections	G1"		Ordering code	
- Low hysteresis rolling diaphragm.	Max. inlet pressure	13 bar			
- Balanced system.	Working temperature	-5°C +50°C		N174BR ©⊕ ⊚	
- Available in four pressure ranges up to 12 bar.	Pressure gauge connections	G 1/8"		ADJUSTING RANGE	
- Operating knob can be locked in position by pressing it	Weight	1225 (gr)		A = 0-2 bar	
down once the desired P2 (regulated pressure)	Drace in repar	0-2 bar / 0-4 bar	e	B = 0-4 bar C = 0-8 bar	
pressure value is achieved.	Pressure range	0-8 bar / 0-12 bar		D = 0-12 bar	
- Fitted with panel mounting locking ring.	Assembly positions	Indifferent		TYPE	
Note			0	= Standard L = no relieving	
The pressure must be always regulating while increasing. For				R = Improved relieving	
a more precise regulation and higher sensibility, the use of a	Wall fixing screw	M8		OPTIONS	
regulator with a pressure range as close as possible to the			•	= Standard(without options	
regulated pressure is recommended.				K = Lockable version	

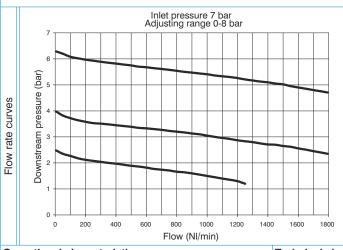
Regulator including gauge (RM)(RW)

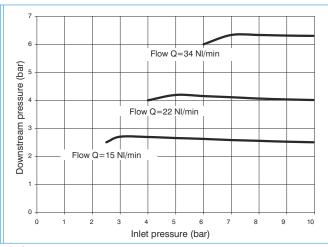






Example: T171BRMC: size 1, Regulator including gauge with Technopolymer threads, G1/4" connections, 0 to 8 bar adjusting range





G 1/8" - G 1/4"

13 bar

-5°C +50°C

gr. 140

gr. 150

0-2 bar / 0-4 bar

0-8 bar / 0-12 bar

Indifferent

G1/4" = 9 Nm

Technical characteristics

Weight with Technopolymer threads

Weight with threaded inserts

Connections

Pressure range

Max. inlet pressure

Working temperature

Adjustment 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

Assembly positions
Max. fitting torque
(with Technopolyme

G1/4 = 9 MIII
G1/8" = 15 Nm
G1/4" = 20 Nm

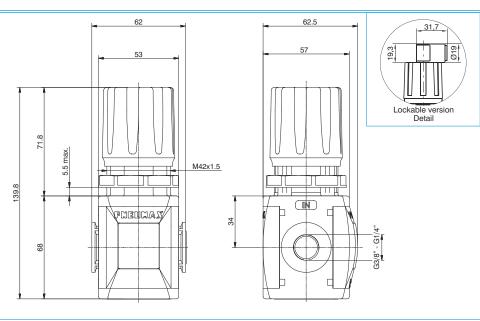
- Ordering code **Ø**171**@**R**@@@** VERSION N = Metal inserts T = Technopolymer thread
- CONNECTIONS **(** A = G1/8"(only for "N" version) B = G1/4" C = G1/4" NPT(only for "N" version) FLOW DIRECTION
- M = from left to right W = from right to left ADJUSTING RANGE A = 0-2 bar**B** = 0-4 bar
- C = 0-8 bar D = 0-12 bar TYPE = Standard F = Controlled refiel +
- improved relieving L = no relieving R = Improved relieving OPTIONS
- = Standard(without options) K = Lockable version

Note

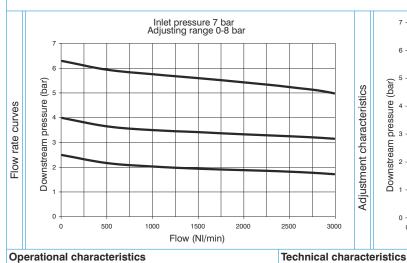
The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended.

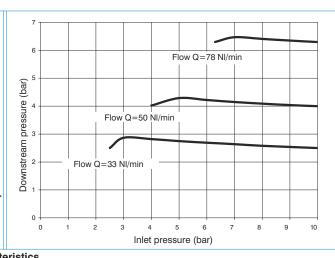
Regulator including gauge (RM)(RW)





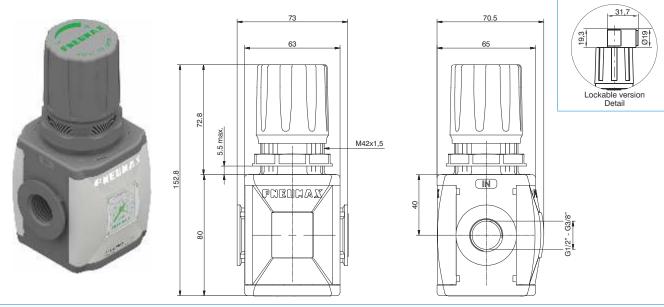
Example: T172BRMC: size 2, Regulator including gauge with Technopolymer threads, G3/8" connections, 0 to 8 bar adjusting range



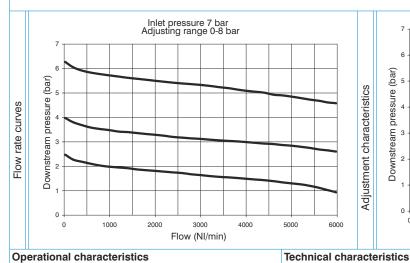


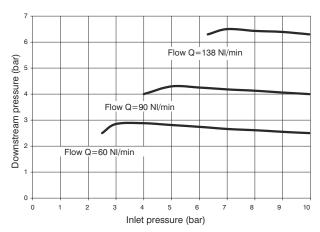
Operational characteristics	recimical characteristics			
- Diaphragm pressure regulator with relieving.	Connections	G 1/4" - G 3/8"		Ordering code
- Low hysteresis rolling diaphragm.	Max. inlet pressure	13 bar		
- Balanced system.	Working temperature	-5°C +50°C	Ø 172 © R 0©0 ©	
- Available in four pressure ranges up to 12 bar.	Weight with Technopolymer threads	gr. 300		VERSION
- Operating knob can be locked in position by pressing it	Weight with threaded inserts	gr. 310	V	N = Metal inserts
down once the desired P2 (regulated pressure)		0-2 bar / 0-4 bar		T = Technopolymer thread CONNECTIONS
pressure value is achieved.	Pressure range	0-8 bar / 0-12 bar	Θ	A = G1/4"(only for "N" version)
- Fitted with panel mounting locking ring.	Assembly positions	Indifferent	G	B = G3/8"
- Integrated manometer 0-12 bar as standard	Max. fitting torque			C = G3/8" NPT(only for "N" version)
5		G3/8" = 16 Nm		FLOW DIRECTION
(for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)	(with rechilopolymer threads)		0	M = from left to right W = from right to left
Note				ADJUSTING RANGE
The pressure must be always regulating while increasing. For				A = 0-2 bar
a more precise regulation and higher sensibility, the use of a			œ	B = 0-4 bar
regulator with a pressure range as close as possible to the				C = 0-8 bar
regulated pressure is recommended.				D = 0-12 bar
regulated pressure is recommended.	Max. fitting torque	G1/4" = 20 Nm		TYPE
	(with threaded inserts)	G3/8" = 25 Nm		= Standard
	(Mar an oddod moorto)	20,0 20 1111	0	F = Controlled refiel +
				improved relieving
				L = no relieving R = Improved relieving
				OPTIONS
				= Standard(without options
				K = Lockable version





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





- 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
(for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)
- Integrated manometer 0-12 bar as standard

14016
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.

Connections	G 3/8" - G 1/2"	Ordering o	
Max. inlet pressure	13 bar		
Working temperature	-5°C +50°C		
Weight with Technopolymer threads	gr. 370		VERSION
Weight with threaded inserts	gr. 390	V	N = Metal inserts
ŭ	0.0 hor / 0.4 hor		T = Technopolyme
Pressure range	0-2 bar / 0-4 bar		CONNECTIONS
	0-8 bar / 0-12 bar		A = G3/8"(only for "N"
Assembly positions	Indifferent	0	B = G1/2"
			C = G1/2" NPT(only
Max. fitting torque	G1/2" = 22 Nm		FLOW DIRECTION
(with Technopolymer threads)	·	0	M = from left to rig
			W = from right to
-			ADJUSTING RANG

Max. fitting torque	G3/8" = 25 Nm
(with threaded inserts)	G1/2" = 30 Nm

6							_			
					F	low Q=	138 NI,	/min		
5 - 2 5 -										
5 - 4 - 3 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2			Flo	w Q=9	0 NI/mii	า				
3										
2 -		Flow C	Q=60 N	l/min						
0 +) 1	2	: 3		pressi			8	9	10

+		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				
	œ	B = 0-4 bar				
		C = 0-8 bar				
		D = 0.12 har				

Ordering code **Ø**173**@**R**@@@**

0	F = Controlled refiel +					
improved relieving						
	L = no relieving					
	R = Improved relieving					
	OPTIONS					
	Ctondoud/without ontic					

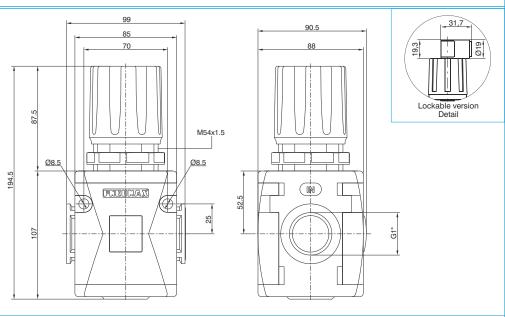
TYPE = Standard

= Standard(without options) K = Lockable version

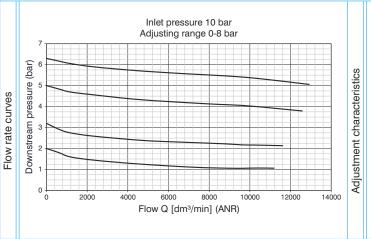


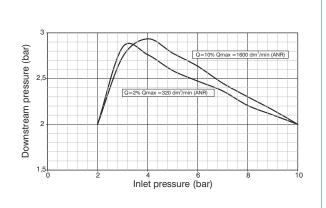
Regulator including gauge (RM)(RW)





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

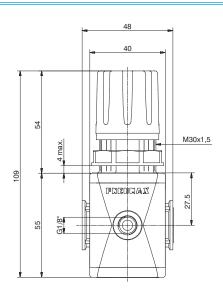
Connections	G1"		Ordering code
Max. inlet pressure	13 bar		<u> </u>
Working temperature	-5°C +50°C	N174BR @@@	
Weight	1220 (gr)		FLOW DIRECTION
	0-2 bar / 0-4 bar	0	M = from left to right
Pressure range			W = from right to left
	0-8 bar / 0-12 bar		ADJUSTING RANGE
Assembly positions	Indifferent		A = 0-2 bar
	M8		B = 0-4 bar
			C = 0-8 bar
			D = 0-12 bar
			TYPE
			= Standard
Wall fixing screw			L = no relieving
			R = Improved relieving
			OPTIONS
			= Standard(without options)
			K = Lockable version

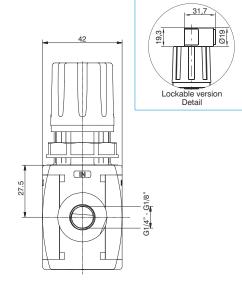
Flow rate curves



Modular pressure regulator (B)

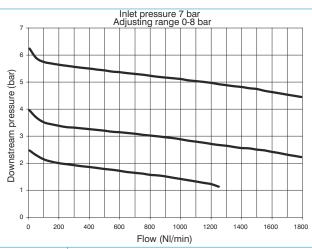






K = Lockable version

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

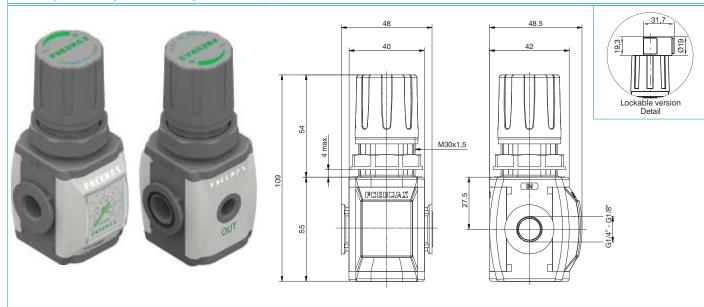


Operational characteristics

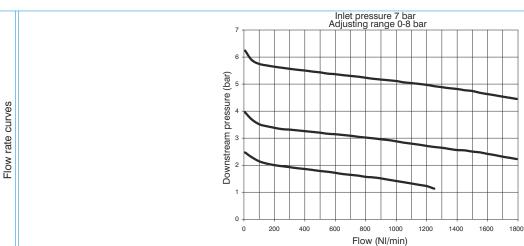
Technical characteristics

- Diaphragm pressure regulator with relieving.	Connections	G 1/8" - G 1/4"		Ordering code
- Low hysteresis rolling diaphragm.	Max. inlet pressure	13 bar		
- Balanced system.	Working temperature	-5°C +50°C		Ø 171 @ B @①◎
- Available in four pressure ranges up to 12 bar.	Pressure gauge connections	G 1/8"		VERSION
- Operating knob can be locked in position by pressing it	Weight with Technopolymer threads	gr. 130	V	N = Metal inserts
down once the desired P2 (regulated pressure)	Weight with threaded inserts	gr. 140		T = Technopolymer thread CONNECTIONS
pressure value is achieved.	Draggura range	0-2 bar / 0-4 bar	0	A = G1/8"(only for "N" version)
- G1/8" output front connection.	Pressure range	0-8 bar / 0-12 bar	G	B = G1/4"
- Air supply can be applied by both directions.	Assembly positions	Indifferent		C = G1/4" NPT(only for "N" version) ADJUSTING RANGE
Note	Max. fitting torque	G1/8" = 4 Nm		A = 0-2 bar
The pressure must be always regulating while increasing. For	(with Technopolymer threads)	G1/4" = 9 Nm	e	B = 0-4 bar
a more precise regulation and higher sensibility, the use of a	(marrow parymar an educe)	5.17		C = 0-8 bar
				D = 0-12 bar
regulator with a pressure range as close as possible to the				TYPE
regulated pressure is recommended.				= Standard
	Max. fitting torque	G1/8" = 15 Nm	•	F = Controlled refiel +
	,		•	improved relieving
	(with threaded inserts)	G1/4" = 20 Nm		L = no relieving
				R = Improved relieving
				OPTIONS
			•	= Standard(without options)
	I I		1	

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

- 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)

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.

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	V
Draggura rango	0-2 bar / 0-4 bar	
Pressure range	0-8 bar / 0-12 bar	0
Assembly positions	Indifferent	G
Max. fitting torque	G1/8" = 4 Nm	
(with Technopolymer threads)	G1/4" = 9 Nm	
		©
Max. fitting torque	G1/8" = 15 Nm	

lax. fitting torque	G1/8" = 15 Nm
with threaded inserts)	G1/4" = 20 Nm

Ordering code 171@M@@ VERSION

V	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
- 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