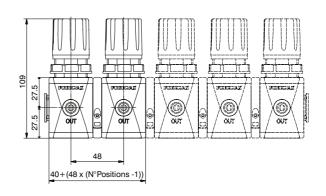
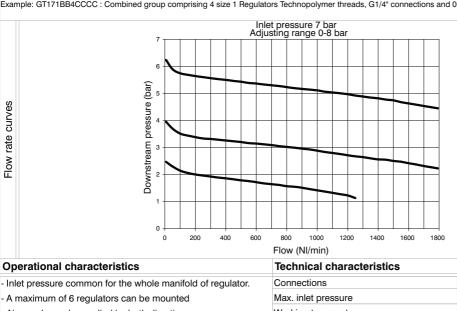


Manifold pressure regulators





Example: GT171BB4CCCC: Combined group comprising 4 size 1 Regulators Technopolymer threads, G1/4" connections and 0 to 8 bar adjusting range



Ľ	operationa.	onar actor iotios	
	Inlet pressure	common for the whole	manifold of regul

- Air supply can be applied by both directions.

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
Pressure range	0-2 bar / 0-4 bar
rressure range	0-8 bar / 0-12 bar
Assembly positions	indifferent
Max. fitting torque	G1/8" = 4 Nm
(with Technopolymer threads)	G1/4" = 9 Nm

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

B = Standard with flanges X M = Manometer included with flanges X W = Standard with flanges Y Z = Manometer included with flanges Y NUMBER REGULATORS 2 = 2 regulators 3 = 3 regulators 4 = 4 regulators 5 = 5 regulators 6 = 6 regulators ADJUSTING RANGE 1 A = 0-2 bar**G** B = 0-4 barC = 0.8 barD = 0-12 bar ADJUSTING RANGE 2 A = 0-2 bar**B** = 0-4 bar C = 0-8 bar D = 0-12 bar ADJUSTING RANGE 3 A = 0-2 bar **G** B = 0-4 barC = 0-8 bar D = 0-12 bar ADJUSTING RANGE 4 A = 0-2 bar **G** B = 0-4 barC = 0-8 bar D = 0-12 bar ADJUSTING RANGE 5 A = 0-2 bar **6** B = 0-4 bar C = 0-8 bar D = 0-12 bar ADJUSTING RANGE 6

A = 0-2 bar**G** B = 0-4 barC = 0-8 barD = 0-12 bar

Ordering code

> T = Technopolymer thread CONNECTIONS

A = G1/8"(only for "N" version)

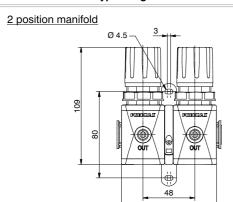
C = 1/4 NPT(only for "N" version)

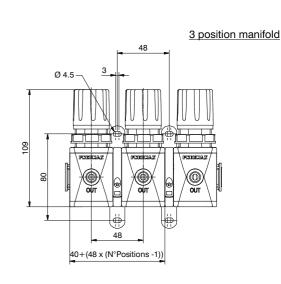
VERSION N = Metal inserts

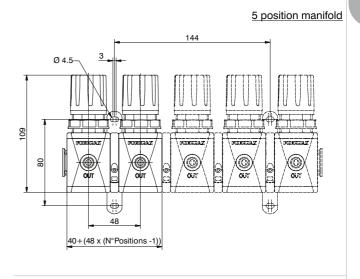
B = G1/4"

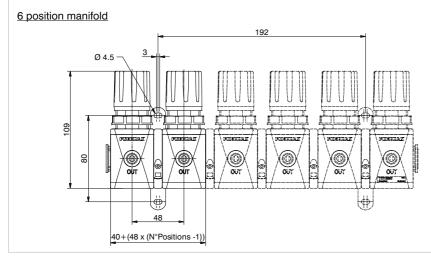
TYPE

Dimensions with Y type flanges



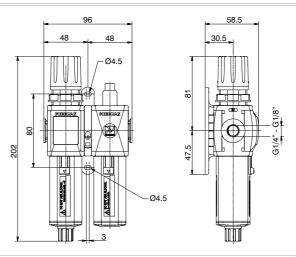




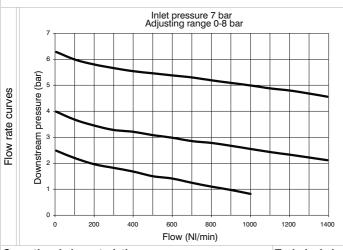


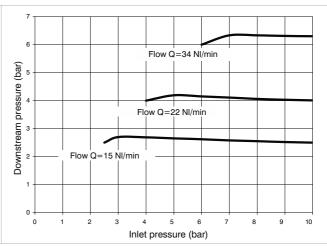
Service unit assembled (EM+L) (E+L) (EW+L)





Example: GT171BHG: size 1, combined group comprising Filter-regulator and Lubricator, Technopolymer threads, G1/4" connections, 0 to 8 bar adjusting range and 20 µm filter pore size





Operational characteristics

Combined group comprising Filter-regulator with built in manometer and Lubricator assembled with a (Y) type coupling kit for panel mounting.

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)

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

Adjustment characteristics

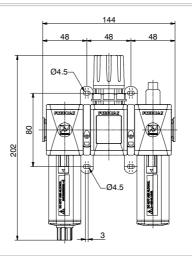
Connections	G 1/8" - G 1/4"	Ordering code	
Max. inlet pressure	13 bar		
Working temperature	-5°C +50°C	G Ø 171 @⊕ S @@	
Weight with Technopolymer threads	gr. 328	VERSION	
Weight with threaded inserts	gr. 348	N = Metal inserts	
	0-2 bar / 0-4 bar	T = Technopolymer thread	
Pressure range		CONNECTIONS	
	0-8 bar / 0-12 bar	A = G1/8"(only for "N" version)	
Filter pore size	5 μm - 20 μm - 50 μm	B = G1/4"	
Bowl capacity	18 cm ³	C = 1/4 NPT(only for "N" version) TYPE	
	1 drop every	H = Built in gauge	
Indicative oil drop rate	300/600 NI	J = G1/8" gauge connection	
		FILTER PORE SIZE	
Oil type	FD22 - HG32	ADJUSTING RANGE	
Bowl capacity	36 cm ³	$C = 5 \mu \text{m} / 0-8 \text{bar}$	
Assembly positions	Vertical	$D = 5 \mu m / 0-12 bar$	
Max. fitting torque		$G = 20 \mu\text{m} / 0.8 \text{bar}$	
	G1/4" = 9 Nm	$H = 20 \mu m / 0-12 bar$	
(with Technopolymer threads)		$N = 50 \mu \text{m} / 0.8 \text{bar}$	
Max. fitting torque	G1/8" = 15 Nm	$P = 50 \mu \text{m} / 0 - 12 \text{bar}$	
(with threaded inserts)	G1/4" = 20 Nm	OPTIONS	
(With threaded moerts)	G1/4 - 2014III	Standard * Standard *	
		S = Automatic drain	
		FLOW DIRECTION	
		= Standard *	
Min. operational flow at 6,3 bar	40 NI/min.	(from left to right)	
		W = from right to left	
		BOWL OPTIONS	
		= Standard *	

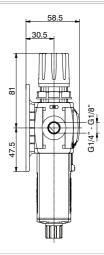
* no additional letter required

= Standard * N = Nylon bowl

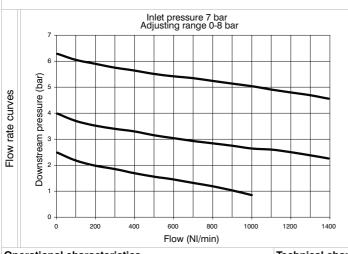
Service unit assembled (F+RM+L) (F+R+L) (F+RW+L)

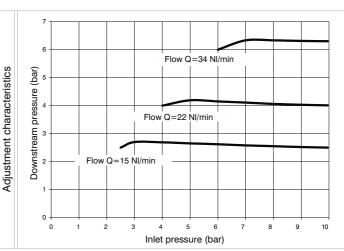






Example: GT171BKG: size 1 combined group comprising Filter, Regulator and Lubricator Technopolymer threads, G1/4" connections, 0 to 8 bar adjusting range and 20 μ m filter pore size





Operational characteristics

Combined group comprising Filter, Regulator with built in manometer and Lubricator assembled with two (Y) type coupling kits for panel mounting.

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)

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

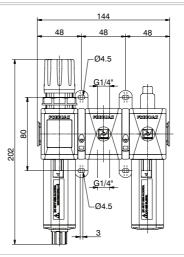
Connections	G 1/8" - G 1/4"	Ordering code	
Max. inlet pressure	13 bar		
Working temperature	-5°C +50°C	G Ø 171 00 80 0	
Weight with Technopolymer threads	gr. 406	VERSION	
Weight with threaded inserts	gr. 436	N = Metal inserts	
_	0-2 bar / 0-4 bar	T = Technopolymer thread	
Pressure range	0-8 bar / 0-12 bar	CONNECTIONS	
		A = G1/8" (only for "N" version) B = G1/4"	
Filter pore size	5 μm - 20 μm - 50 μm	C = 1/4 NPT(only for "N" version)	
Bowl capacity	18 cm ³	TYPE	
Indicative oil draw rate	1 drop every	K = Built in gauge	
Indicative oil drop rate	300/600 NI	T = G1/8" gauge connection	
Oil type	FD22 - HG32	FILTER PORE SIZE	
• • • • • • • • • • • • • • • • • • • •		ADJUSTING RANGE	
Bowl capacity	36 cm³	$C = 5 \mu \text{m} / 0-8 \text{bar}$	
Assembly positions	Vertical	$D = 5 \mu\text{m} / 0-12 \text{bar}$	
Max. fitting torque		$G = 20 \mu\text{m} / 0.8 \text{bar}$	
	G1/4" = 9 Nm	$H = 20 \mu \text{m} / 0-12 \text{bar}$	
(with Technopolymer threads)		$N = 50 \mu \text{m} / 0-8 \text{bar}$	
Max. fitting torque	G1/8" = 15 Nm	$P = 50 \mu m / 0-12 bar$	
(with threaded inserts)	G1/4" = 20 Nm	OPTIONS	
(with threaded inserts)	G1/4 = 20 NIII	Standard *	
		S = Automatic drain	
		FLOW DIRECTION	
		= Standard	
Min. operational flow at 6,3 bar	40 NI/min.	(from left to right)	
sporational not at 0,0 but	10 14//11111.	W = from right to left	
		BOWL OPTIONS	
		= Standard *	

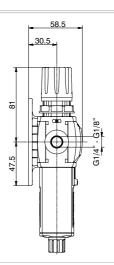
N = Nylon bowl * no additional letter required

= Standard *

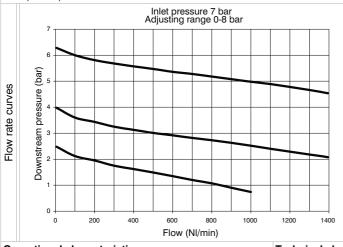
Service unit assembled (EM+PA+L) (E+PA+L) (EW+PA+L)

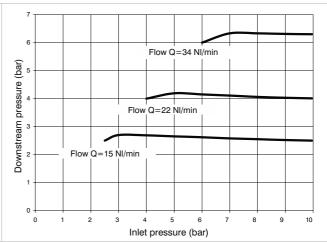






Example: GT171BNG: size 1 combined group comprising Filter-regulator, Air intake and Lubricator Technopolymer threads, G1/4" connections, 0 to 8 bar adjusting range and $\dot{20}~\mu m$ filter pore size





Operational characteristics

Combined group comprising Filter-regulator with built in manometer, Air intake and Lubricator assembled with two (Y) type coupling kits for panel mounting. 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)

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

Adjustment characteristics

Connections Max. inlet pressure	Connections	G 1/8" - G 1/4"	G 1/8" - G 1/4" Ordering cod	
	Max. inlet pressure	13 bar		
	Working temperature	-5°C +50°C		G Ø 171 @Ø©©
	Weight with Technopolymer threads	gr. 398		VERSION
	Weight with threaded inserts	gr. 418	V	11 motar moonto
		0-2 bar / 0-4 bar		T = Technopolymer thread
	Pressure range	0-8 bar / 0-12 bar		CONNECTIONS A = G1/8" (only for "N" version)
	Files		•	B = G1/4"
	Filter pore size	5 μm - 20 μm - 50 μm	_	C = 1/4 NPT(only for "N" version
	Bowl capacity	18 cm³		TYPE
	Indicative all draw rate	1 drop every	0	N = Built in gauge
	Indicative oil drop rate	300/600 NI		P = G1/8" gauge connecti
	Oil type	FD22 - HG32		FILTER PORE SIZE
	**		_	ADJUSTING RANGE
	Bowl capacity	36 cm³		$C = 5 \mu m / 0-8 bar$
	Assembly positions	Vertical	8	$D = 5 \mu m / 0-12 bar$
	Max. fitting torque			$G = 20 \mu m / 0.8 bar$
		G1/4" = 9 Nm		$H = 20 \mu m / 0-12 bar$
	(with Technopolymer threads)			$N = 50 \mu m / 0.8 bar$
	Max. fitting torque	G1/8" = 15 Nm		$P = 50 \mu m / 0-12 bar$
	(with threaded inserts)	G1/4" = 20 Nm		OPTIONS
	(With theaded inserts)	G1/4 = 20 Mill	•	= Standard *
				S = Automatic drain
				FLOW DIRECTION
			0	= Standard
	Min. operational flow at 6,3 bar	40 NI/min.		(from left to right)
				W = from right to left
				BOWL OPTIONS
			Ø	= Standard *

* no additional letter required

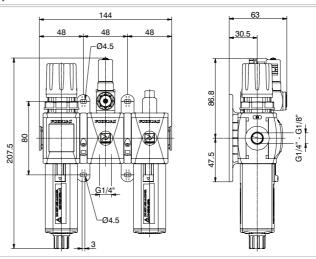
N = Nylon bowl

Technopolymer thread

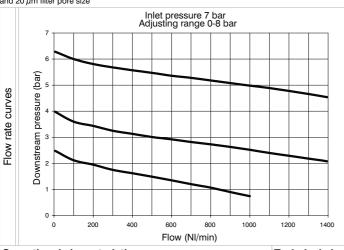
Built in gauge G1/8" gauge connection

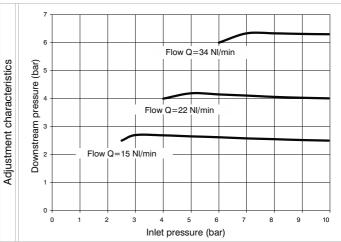
Service unit assembled (EM+PP+L) (E+PP+L) (EW+PP+L)





Example : GT171BRG : size 1 combined group comprising Filter-Regulator, Pressure switch and Lubricator Technopolymer threads, G1/4" connections 0 to 8 bar adjusting range and 20 µm filter pore size





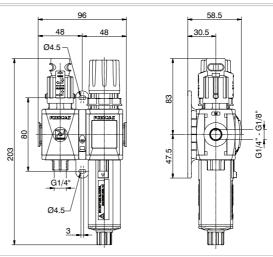
Operational characteristics

Combined group comprising Filter-regulator with built in manometer, Pressure switch and Lubricator assembled with two (Y) type coupling kits for panel mountings. 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)

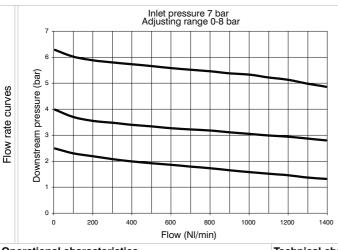
The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended.

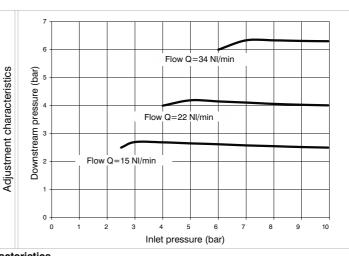
Technical characteristics

Connections	G 1/8" - G 1/4"	Ordering code
Max. inlet pressure	13 bar	o.domig oodo
Working temperature	-5°C +50°C	G Ø 171 0000
Weight with Technopolymer threads	gr. 484	VERSION
Weight with threaded inserts	gr. 504	N = Metal inserts
	0-2 bar / 0-4 bar	T = Technopolymer thread
Pressure range	0-8 bar / 0-12 bar	CONNECTIONS A = G1/8" (only for "N" version)
Filter pore size	5 μm - 20 μm - 50 μm	B = G1/4"
<u>'</u>	18 cm ³	C = 1/4 NPT(only for "N" version)
Bowl capacity		TYPE
Indicative oil drop rate	1 drop every	R = Built in gauge
maidative on drop rate	300/600 NI	C = G1/8" gauge connection
Oil type	FD22 - HG32	FILTER PORE SIZE ADJUSTING RANGE
Bowl capacity	36 cm ³	$C = 5 \mu m / 0.8 bar$
Assembly positions	Vertical	$D = 5 \mu m / 0-12 bar$
Max. fitting torque		$G = 20 \mu \text{m} / 0.8 \text{bar}$
9 1	G1/4" = 9 Nm	$H = 20 \mu m / 0-12 bar$
(with Technopolymer threads)		$N = 50 \mu m / 0-8 bar$
Max. fitting torque	G1/8" = 15 Nm	$P = 50 \mu\text{m} / 0-12 \text{bar}$
(with threaded inserts)	G1/4" = 20 Nm	OPTIONS
(man amedada meente)	G1/4 - 2014III	= Standard *
		S = Automatic drain
		FLOW DIRECTION
		Standard
Min. operational flow at 6,3 bar	40 NI/min.	(from left to right)
,		W = from right to left
		BOWL OPTIONS
		= Standard *
		N = Nylon bowl



Example : GT171BVGG : size 1 combined group comprising Shut-off valve, Filter-regulator Technopolymer threads, G1/4" connections 0 to 8 bar adjusting range and 20 μ m filter pore size





Operational characteristics

Combined group comprising manual shut-off valve, Filter regulator with built in manometer, assembled with one (Y) type coupling kit for panel mountings.

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.

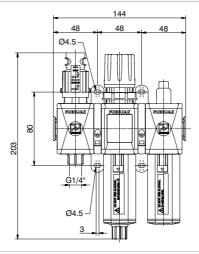
ecillicai	Characteristics

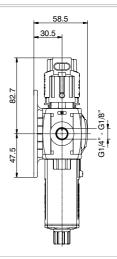
Connections	G 1/8" - G 1/4"	Ordering code
Max. inlet pressure	13 bar	
Working temperature	-5°C +50°C	G Ø 171 @@© @ @
Weight with Technopolymer threads	gr. 318	VERSION
Weight with threaded inserts	gr. 338	N = Metal inserts
_	0-2 bar / 0-4 bar	T = Technopolymer thread
Pressure range	0-8 bar / 0-12 bar	CONNECTIONS A = G1/8" (only for "N" version)
Filter pore size	5 μm - 20 μm - 50 μm	B = G1/4"
<u>'</u>	18 cm ³	C = 1/4 NPT(only for "N" version)
Bowl capacity		TYPE
Indicative oil drop rate	1 drop every	VG = Built in gauge
mandante on an op rate	300/600 NI	VU = G1/8" gauge connectio
Oil type	FD22 - HG32	FILTER PORE SIZE ADJUSTING RANGE
Bowl capacity	36 cm ³	$C = 5 \mu m / 0.8 bar$
Assembly positions	Vertical	$D = 5 \mu m / 0-12 bar$
Max. fitting torque		$G = 20 \mu \text{m} / 0.8 \text{bar}$
•	G1/4" = 9 Nm	$H = 20 \mu m / 0-12 bar$
(with Technopolymer threads)		$N = 50 \mu m / 0-8 bar$
Max. fitting torque	G1/8" = 15 Nm	$P = 50 \mu \text{m} / 0-12 \text{bar}$
(with threaded inserts)	G1/4" = 20 Nm	OPTIONS
(mar an educa meerte)	G.1, 1 20 1	Standard *
		S = Automatic drain
		FLOW DIRECTION
		Standard
lin. operational flow at 6,3 bar	40 NI/min.	(from left to right)
		W = from right to left
		BOWL OPTIONS
		= Standard *

N = Nylon bowl * no additional letter required

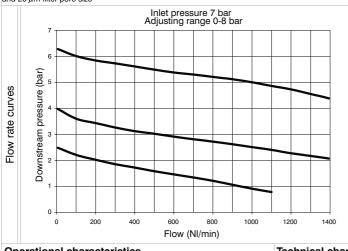
Service unit assembled (VL+EM+L) (VL+E+L) (VL+EW+L)

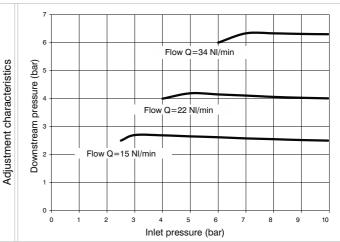






Example : GT171BVHG : size 1 combined group comprising Shut-off valve, Filter-regulator and Lubricator Technopolymer threads, G1/4" connections 0 to 8 bar adjusting range and $20 \,\mu m$ filter pore size





Operational characteristics

Combined group comprising manual shut-off valve, Filter - regulator with built in manometer and Lubricator assembled with two(Y) type coupling kits for panel mountings. 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

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.

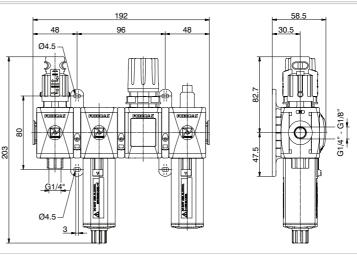
Technical characteristics

Connections	G 1/8" - G 1/4"	Ordering code	
Max. inlet pressure	13 bar		
Working temperature	-5°C +50°C	G Ø 171 00 0 0 0	
Weight with Technopolymer threads	gr. 446	VERSION	
Weight with threaded inserts	gr. 476	N = Metal inserts	
	0-2 bar / 0-4 bar	T = Technopolymer thread	
Pressure range	0-8 bar / 0-12 bar	CONNECTIONS A = G1/8" (only for "N" version)	
Filter pore size	5 μm - 20 μm - 50 μm	B = G1/4"	
Bowl capacity	18 cm ³	C = 1/4 NPT(only for "N" version)	
Down outputity	1 drop every	TYPE	
Indicative oil drop rate	' '	VH = Built in gauge VJ = G1/8" gauge connecti	
	300/600 NI	FILTER PORE SIZE	
Oil type	FD22 - HG32	ADJUSTING RANGE	
Bowl capacity	36 cm ³	$C = 5 \mu m / 0.8 bar$	
Assembly positions	Vertical	S $D = 5 \mu m / 0-12 bar$	
Max. fitting torque	G1/4" = 9 Nm	$G = 20 \mu \text{m} / 0.8 \text{bar}$	
0 1		$H = 20 \mu m / 0-12 bar$	
(with Technopolymer threads)		$N = 50 \mu \text{m} / 0-8 \text{bar}$	
Max. fitting torque	G1/8" = 15 Nm	$P = 50 \mu \text{m} / 0-12 \text{bar}$	
(with threaded inserts)	G1/4" = 20 Nm	OPTIONS	
,		Standard *	
		S = Automatic drain	
		FLOW DIRECTION	
		Standard (from left to right)	
Min. operational flow at 6,3 bar	40 NI/min.	(from left to right) W = from right to left	
		BOWL OPTIONS = Standard *	
		N = Nylon bowl	
		IN — INVIOLIDOMI	

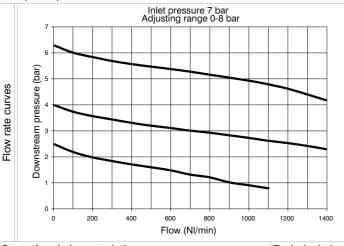


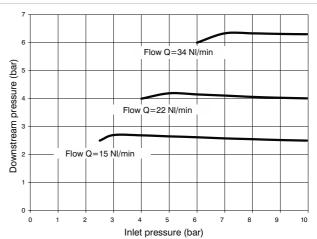
Service unit assembled (VL+F+RM+L) (VL+F+R+L) (VL+F+RW+L)





Example: GT171BVKG: size 1 combined group comprising Shut-off valve, Filter, Regulator and Lubricator Technopolymer threads, G1/4" connections 0 to 8 bar adjusting range and 20 μ m filter pore size





Operational characteristics

Combined group comprising manual shut - off valve, Filter, Regulator with built in manometer and Lubricator , assembled with two (Y) type coupling kits for panel mounting and one (X) type coupling kit.

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.

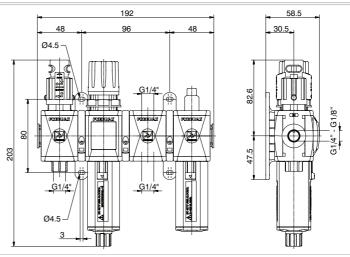
Technical characteristics

Adjustment characteristics

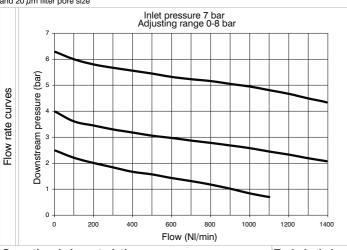
Connections	G 1/8" - G 1/4"	Ordering code	
Max. inlet pressure	13 bar		
Working temperature	-5°C +50°C	G Ø 171 00 00 0	
Weight with Technopolymer threads	gr. 518	VERSION	
Weight with threaded inserts	gr. 558	■ N = Metal inserts	
	0-2 bar / 0-4 bar	T = Technopolymer thread	
Pressure range		CONNECTIONS	
	0-8 bar / 0-12 bar	A = G1/8" (only for "N" version) $B = G1/4"$	
Filter pore size	5 μm - 20 μm - 50 μm	$C = \frac{1}{4} \text{ NPT}_{\text{(only for "N" version)}}$	
Bowl capacity	18 cm ³	TYPE	
I Park a State of the state of	1 drop every	VK = Built in gauge	
Indicative oil drop rate	300/600 NI	VT = G1/8" gauge connection	
Oil tupo	FD22 - HG32	FILTER PORE SIZE	
Oil type		ADJUSTING RANGE	
Bowl capacity	36 cm ³	$C = 5 \mu \text{m} / 0-8 \text{bar}$	
Assembly positions	Vertical	$D = 5 \mu m / 0-12 bar$	
Max. fitting torque		$G = 20 \mu\text{m} / 0-8 \text{bar}$	
(with Technopolymer threads)	G1/4" = 9 Nm	$H = 20 \mu m / 0-12 bar$	
, , ,		$N = 50 \mu \text{m} / 0.8 \text{bar}$	
Max. fitting torque	G1/8" = 15 Nm	$P = 50 \mu\text{m} / 0.12 \text{bar}$	
(with threaded inserts)	G1/4" = 20 Nm	OPTIONS = Standard *	
		S = Automatic drain	
		FLOW DIRECTION	
		- Standard	
Min appretional flow at 6.0 hav	40 NII/	(from left to right)	
Min. operational flow at 6,3 bar	40 NI/min.	W = from right to left	
		BOWL OPTIONS	
		2 = Standard *	
		N = Nylon bowl	

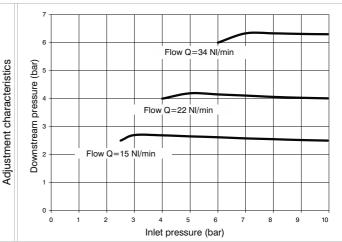
Service unit assembled (VL+EM+PA+L) (VL+E+PA+L) (VL+EW+PA+L)





Example: GT171BVNG: size 1 combined group comprising Shut-off valve, Filter-regulator, Air intake and Lubricator Technopolymer threads, G1/4" connections 0 to 8 bar adjusting range and 20 µm filter pore size





Operational characteristics

Combined group comprising manual shut-off valve, Filter - regulator with built in manometer, Air intake and Lubricator, assembled with two (Y) type coupling kits for panel mounting and one (X) type coupling kit.

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.

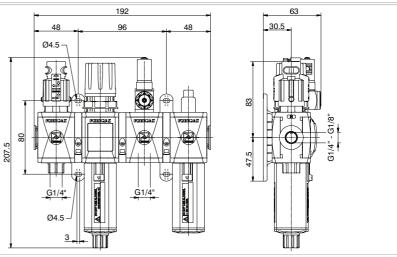
Technical characteristics

Connections	G 1/8" - G 1/4"	Ordering code
Max. inlet pressure	13 bar	oracing cour
Working temperature	-5°C +50°C	G Ø 171 0000
Weight with Technopolymer threads	gr. 510	VERSION
Weight with threaded inserts	gr. 540	N = Metal inserts
_	0-2 bar / 0-4 bar	T = Technopolymer thread
Pressure range		CONNECTIONS
	0-8 bar / 0-12 bar	A = G1/8" (only for "N" version) B = G1/4"
Filter pore size	5 μm - 20 μm - 50 μm	B = G1/4" C = 1/4 NPT(only for "N" version)
Bowl capacity	18 cm³	TYPE
I Park a	1 drop every	VN = Built in gauge
Indicative oil drop rate	300/600 NI	VP = G1/8" gauge connection
Oil type	FD22 - HG32	FILTER PORE SIZE
**		ADJUSTING RANGE
Bowl capacity	36 cm ³	$C = 5 \mu \text{m} / 0-8 \text{bar}$
Assembly positions	Vertical	$D = 5 \mu m / 0-12 bar$
Max. fitting torque	G1/4" = 9 Nm	$G = 20 \mu\text{m} / 0-8 \text{bar}$
		$H = 20 \mu m / 0-12 bar$
(with Technopolymer threads)		$N = 50 \mu m / 0-8 bar$
Max. fitting torque	G1/8" = 15 Nm	$P = 50 \mu\text{m} / 0-12 \text{bar}$
(with threaded inserts)	G1/4" = 20 Nm	OPTIONS
	5.77	Standard *
		S = Automatic drain
		FLOW DIRECTION
		Standard
Min. operational flow at 6,3 bar	40 NI/min.	(from left to right)
		W = from right to left
		BOWL OPTIONS
		= Standard *
		N = Nylon bowl



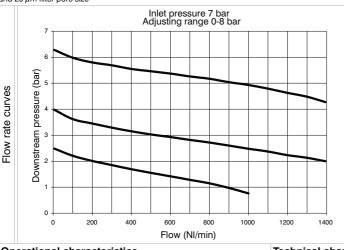
Service unit assembled (VL+EM+PP+L) (VL+E+PP+L) (VL+EW+PP+L)

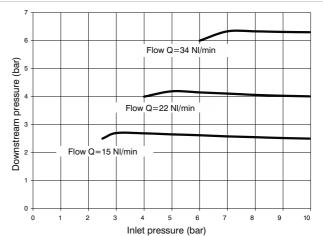




Example: GT171BVRG: size 1 combined group comprising Shut-off valve, Filter-regulator, Pressure switch and Lubricator Technopolymer threads, G1/4" connections adjusting range 0 to 8 bar and 20 μ m filter pore size

Adjustment characteristics





Operational characteristics

Combined group comprising manual shut-off valve, Filter regulator with built in manometer, Pressure switch and Lubricator, assembled with two (Y) type coupling kits for panel mounting and one (X) type coupling kit. 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

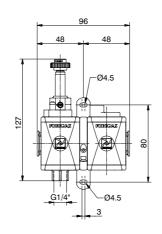
Connections	G 1/8" - G 1/4"	Ordering code	
Max. inlet pressure	13 bar	G Ø 171 ©⊕ S⊚ © Ø	
Working temperature	-5°C +50°C		
Weight with Technopolymer threads	gr. 596	VERSION	
Weight with threaded inserts	gr. 626	N = Metal inserts	
	0-2 bar / 0-4 bar	T = Technopolymer thread	
Pressure range		CONNECTIONS	
	0-8 bar / 0-12 bar	A = G1/8" (only for "N" version)	
Filter pore size	5 μm - 20 μm - 50 μm	B = G1/4"	
Bowl capacity	18 cm ³	C = 1/4 NPT(only for "N" version) TYPE	
Indicative all drap rate	1 drop every	VR = Built in gauge	
Indicative oil drop rate	300/600 NI	VC = G1/8" gauge connection	
Oil type	FD22 - HG32	FILTER PORE SIZE	
**		ADJUSTING RANGE	
Bowl capacity	36 cm³	$C = 5 \mu \text{m} / 0-8 \text{bar}$	
Assembly positions	Vertical	$D = 5 \mu\text{m} / 0-12 \text{bar}$	
Max. fitting torque		$G = 20 \mu\text{m} / 0-8 \text{bar}$	
	G1/4" = 9 Nm	$H = 20 \mu m / 0-12 bar$	
(with Technopolymer threads)		$N = 50 \mu \text{m} / 0-8 \text{bar}$	
Max. fitting torque	G1/8" = 15 Nm	$P = 50 \mu m / 0-12 bar$	
(with threaded inserts)	G1/4" = 20 Nm	OPTIONS	
(with threaded mocres)	G1/4 - 2014III	Standard *	
		S = Automatic drain	
		FLOW DIRECTION	
		Standard	
Min. operational flow at 6,3 bar	40 NI/min.	(from left to right)	
		W = from right to left	
		BOWL OPTIONS	
		= Standard *	

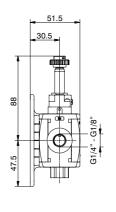
* no additional letter required

= Standard * N = Nylon bowl

Service unit assembled (VE+AP)





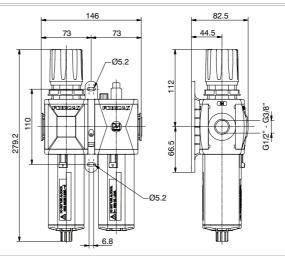


Example: GT171BSB2: size 1 combined group comprising Electric shut-off valve, Progressive start-up valve without coil with M2 pilot Technopolymer threads, G1/4" connections

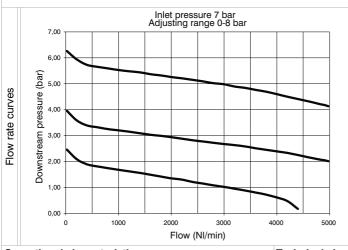
Operational characteristics	Technical characteristics		
Combined group comprising Electric shut-off valve and	Connections	G 1/8" - G 1/4"	Ordering code
Progressive start-up valve assembled with a (Y) type	Max. inlet pressure	10 bar	
coupling kit for panel mounting.	Min. inlet pressure	3 bar	GØ 171 @ S Ø
	Working temperature	-5°C +50°C	VERSION
	Weight with Technopolymer threads	gr. 218	■ N = Metal inserts
	Weight with threaded inserts	gr. 238	T = Technopolymer thro
	Assembly positions	Indifferent	CONNECTIONS A = G1/8" (only for "N" version
	Max. fitting torque		B = G1/4"
	(with Technopolymer threads)	G1/4" = 9 Nm	C = 1/4 NPT(only for "N" vers
	` ' ' '	04/01 45 N	15 mm COIL VOLTAGE
	Max. fitting torque	G1/8" = 15 Nm	A4 = 12 V DC
	(with threaded inserts)	G1/4" = 20 Nm	A5 = 24 V DC A6 = 24 V AC (50-60 H:
	Flow at 6 bar with $\Delta p = 1$	1200 NI/min.	A7 = 110 V AC (50-60 H A8 = 220 V AC (50-60 H A9 = 24 V DC (1 Watt) 22 mm COIL VOLTAGE B2 = Without coil M2 mechanic B4 = 12 V DC B5 = 24 V DC B6 = 24 V AC (50-60 H B7 = 110 V AC (50-60 H B8 = 220 V AC (50-60 H B9 = 24 V DC (2 Watt) 30 mm COIL VOLTAGE
			C5 = 24 V DC C6 = 24 V AC (50-60 H C7 = 110 V AC (50-60 I C8 = 230 V AC (50-60 I C9 = 24 V DC (2 Watt)

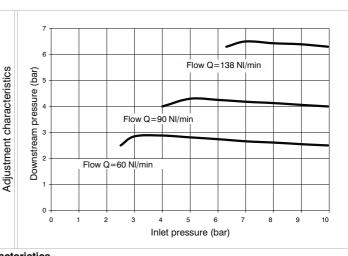
Service unit assembled (EM+L) (E+L) (EW+L)





Example: GT173BHG: size 3, combined group comprising Filter-regulator and Lubricator, Technopolymer threads, G1/2" connections, 0 to 8 bar adjusting range and 20 μ m filter pore size





Operational characteristics

Combined group comprising Filter-regulator with built in manometer and Lubricator assembled with a (Y) type coupling kit for panel mounting.

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)

INOIE

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.

lecillicai	Characteristics	

Connections	G 3/8" - G 1/2"	
Max. inlet pressure	13 bar	
Working temperature	-5°C +50°C	
Weight with Technopolymer threads	gr. 809	
Weight with threaded inserts	gr. 849	V
Pressure range	0-2 bar / 0-4 bar	
Tressure range	0-8 bar / 0-12 bar	
Filter pore size	5 μm - 20 μm - 50 μm	•
Bowl capacity	68 cm ³	
Indicative oil drop rate	1 drop every	0
indicative oil drop rate	300/600 NI	
Oil type	FD22 - HG32	
Bowl capacity	136 cm ³	
Assembly positions	Vertical	8
Max. fitting torque	04/01/ 00 14]
(with Technopolymer threads)	G1/2" = 22 Nm	
Max. fitting torque	G3/8" = 25 Nm	
(with threaded inserts)	G1/2" = 30 Nm	
Min. operational flow at 6,3 bar	100 NI/min.	•
Min. operational flow at 6,3 bar	100 NI/min.	0

Ordering code

GV173GGSOD⊘ VERSION N = Metal inserts

- T = Technopolymer thread

 CONNECTIONS

 A = G3/8"(only for "N" version)

 B = G1/2"
- C = 1/2 NPT(only for "N" version)

 TYPE
- H = Built in gauge
 J = G1/8" gauge connection
 FILTER PORE SIZE
 AD ILISTING RANGE
- ADJUSTING RANGE $C = 5 \mu m / 0.8 \text{ bar}$ $D = 5 \mu m / 0.12 \text{ bar}$ $G = 20 \mu m / 0.8 \text{ bar}$
- H = $20 \mu m / 0.12 \text{ bar}$ N = $50 \mu m / 0.8 \text{ bar}$ P = $50 \mu m / 0.12 \text{ bar}$ OPTIONS
- OPTIONS

 = Standard *

 A = Min.oil level indicator NO
- C = Min.oil level indicator NC
 S = Automatic drain
 SA = Automatic drain +
 Min.oil level indicator NO
 SC = Automatic drain +
- Min.oil level indicator NC

 FLOW DIRECTION

 = Standard
- (from left to right)

 W = from right to left

 BOWL OPTIONS

 Standard *

N = Nylon bowl

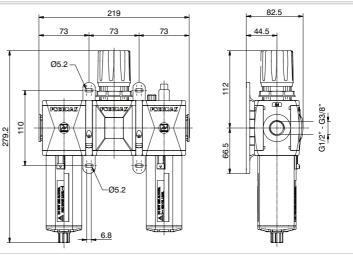
* no additional letter required

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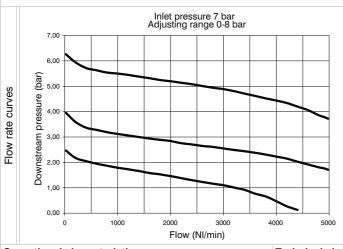


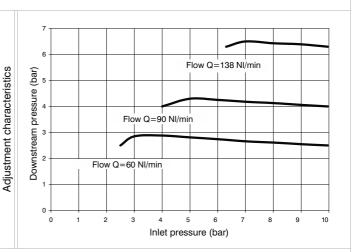
Service unit assembled (F+RM+L) (F+R+L) (F+RW+L)





Example: GT173BKG: size 3 combined group comprising Filter, Regulator and Lubricator Technopolymer threads, G1/2" connections, 0 to 8 bar adjusting range and 20 µm filter pore size





Operational characteristics

Combined group comprising Filter, Regulator with built in manometer and Lubricator assembled with two (Y) type coupling kits for panel mounting.

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.

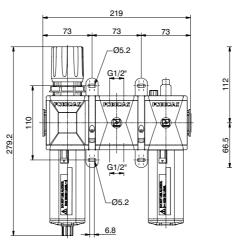
Technical characteristics		
Connections	G 3/8" - G 1/2"	
Max. inlet pressure	13 bar	
Working temperature	-5°C +50°C	
Weight with Technopolymer threads	gr. 1058	
Weight with threaded inserts	gr. 1118	V
Pressure range	0-2 bar / 0-4 bar	
Tressure range	0-8 bar / 0-12 bar	e
Filter pore size	5 μm - 20 μm - 50 μm	•
Bowl capacity	68 cm ³	
Indicative oil drop rate	1 drop every	(i
indicative on drop rate	300/600 NI	
Oil type	FD22 - HG32	
Bowl capacity	136 cm ³	
Assembly positions	Vertical	6
Max. fitting torque	G1/2" = 22 Nm] -
(with Technopolymer threads)	G1/2 = 22 NIII	
Max. fitting torque	G3/8" = 25 Nm	
(with threaded inserts)	G1/2" = 30 Nm	
Min. operational flow at 6,3 bar	100 NI/min.	•

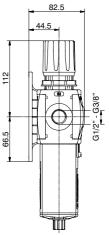
		Ordering code
		G Ø 173 @@© @
		VERSION
	V	N = Metal inserts
		T = Technopolymer thread
		CONNECTIONS
	0	A = G3/8"(only for "N" version)
า	•	B = G1/2"
		C = 1/2 NPT(only for "N" version)
	_	TYPE
	Ū	K = Built in gauge
		T = G1/8" gauge connection
		FILTER PORE SIZE
		ADJUSTING RANGE
		$C = 5 \mu \text{m} / 0-8 \text{bar}$
	8	$D = 5 \mu m / 0-12 bar$
		$G = 20 \mu m / 0.8 bar$
		$H = 20 \mu m / 0-12 bar$
		$N = 50 \mu m / 0.8 bar$
		$P = 50 \mu m / 0 - 12 bar$
		OPTIONS
		= Standard *
		A = Min.oil level indicator NO
	_	C = Min.oil level indicator NC
	•	S = Automatic drain
		SA = Automatic drain +
		Min.oil level indicator NO
		SC = Automatic drain +
		Min.oil level indicator NC
		FLOW DIRECTION
	0	= Standard
	_	(from left to right)
		W = from right to left
	_	BOWL OPTIONS
	Ø	= Standard *

N = Nylon bowl

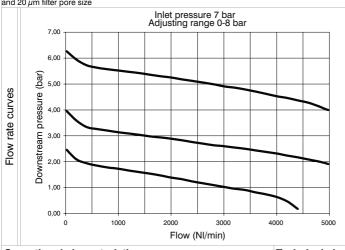
Service unit assembled (EM+PA+L) (E+PA+L) (EW+PA+L)

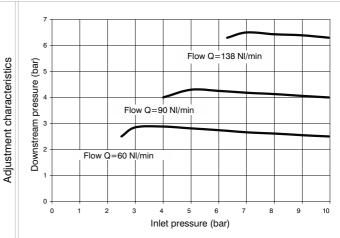






Example: GT173BNG: size 3 combined group comprising Filter-regulator, Air intake and Lubricator Technopolymer threads, G1/2" connections, 0 to 8 bar adjusting range and 20 μ m filter pore size





Operational characteristics

Combined group comprising Filter-regulator with built in manometer, Air intake and Lubricator assembled with two (Y) type coupling kits for panel mounting. 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. 999	
Weight with threaded inserts	gr. 1039	V
Pressure range	0-2 bar / 0-4 bar	
Tressure range	0-8 bar / 0-12 bar	ø
Filter pore size	5 μm - 20 μm - 50 μm	•
Bowl capacity	68 cm³	
Indicative oil drop rate	1 drop every	O
indicative oil drop rate	300/600 NI	
Oil type	FD22 - HG32	
Bowl capacity	136 cm ³	
Assembly positions	Vertical	8
Max. fitting torque	0.1/01/ 00.11	1
(with Technopolymer threads)	G1/2" = 22 Nm	
Max. fitting torque	G3/8" = 25 Nm	
(with threaded inserts)	G1/2" = 30 Nm	
Min. operational flow at 6,3 bar	100 NI/min.	•
Will Coperational flow at 0,3 bar	TOO INI/ITIIIT.	
		0

Ordering code

G♥173@❶❸◎❶②VERSION

N = Metal inserts

- T = Technopolymer thread

 CONNECTIONS

 A = G3/8"(only for "N" version)

 B = G1/2"
- $B = G1/2^{\text{"}}$ C = 1/2 NPT(only for "N" version) TYPE
- N = Built in gauge
 P = G1/8" gauge connection
 FILTER PORE SIZE
 ADJUSTING RANGE
- C = $5 \mu m / 0.8 \text{ bar}$ D = $5 \mu m / 0.12 \text{ bar}$ G = $20 \mu m / 0.8 \text{ bar}$ H = $20 \mu m / 0.12 \text{ bar}$
- $N = 50 \mu m / 0.8 \text{ bar}$ $P = 50 \mu m / 0.12 \text{ bar}$ OPTIONS
- = Standard *
 A = Min.oil level indicator NO
 C = Min.oil level indicator NC
- S = Automatic drain
 SA = Automatic drain +
 Min.oil level indicator NO
 SC = Automatic drain +
 Min.oil level indicator NC
- FLOW DIRECTION

 = Standard
 (from left to right)

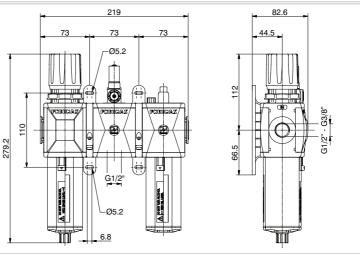
 W = from right to left

 BOWL OPTIONS
 - = Standard *
 N = Nylon bowl
 - * no additional letter required



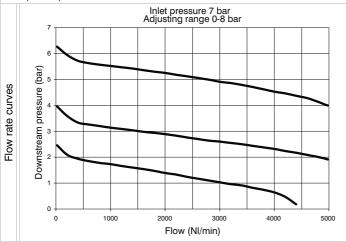
Service unit assembled (EM+PP+L) (E+PP+L) (EW+PP+L)

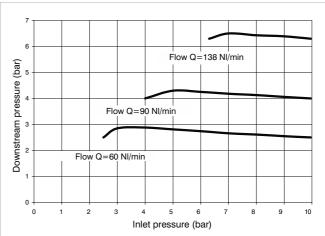




Example: GT173BRG: size 3 combined group comprising Filter-Regulator, Pressure switch and Lubricator Technopolymer threads, G1/2" connections 0 to 8 bar adjusting range and 20 µm filter pore size

Adjustment characteristics





Operational characteristics

Combined group comprising Filter-regulator with built in manometer, Pressure switch and Lubricator assembled with two (Y) type coupling kits for panel mountings.

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)

--

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. 1083	
Weight with threaded inserts	gr. 1123	Ø
Pressure range	0-2 bar / 0-4 bar	-
Fressule lange	0-8 bar / 0-12 bar	e
Filter pore size	5 μm - 20 μm - 50 μm	•
Bowl capacity	68 cm ³	_
landination of decimal	1 drop every	0
Indicative oil drop rate	300/600 NI	
Oil type	FD22 - HG32	
Bowl capacity	136 cm ³	
Assembly positions	Vertical	8
Max. fitting torque	04/01 00 N	1
(with Technopolymer threads)	G1/2" = 22 Nm	
Max. fitting torque	G3/8" = 25 Nm	
(with threaded inserts)	G1/2" = 30 Nm	
Min. operational flow at 6,3 bar	100 NI/min.	•

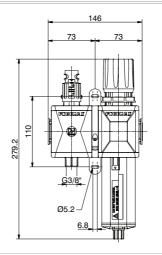
	Ordering code	
		G V 173 @0© 0 00
	_	VERSION
	V	N = Metal inserts
		T = Technopolymer thread
		CONNECTIONS
	0	A = G3/8"(only for "N" version)
n	_	B = G1/2"
		C = 1/2 NPT(only for "N" version)
	_	TYPE
	O	R = Built in gauge
		C = G1/8" gauge connection
		FILTER PORE SIZE
		ADJUSTING RANGE
		$C = 5 \mu \text{m} / 0-8 \text{bar}$
	8	$D = 5 \mu m / 0-12 bar$
	9	$G = 20 \mu m / 0.8 bar$
		$H = 20 \mu m / 0-12 bar$
		$N = 50 \mu \text{m} / 0-8 \text{bar}$
		$P = 50 \mu m / 0 - 12 bar$
		OPTIONS
		= Standard *
		A = Min.oil level indicator NO
		C = Min.oil level indicator NC
	•	S = Automatic drain
		SA = Automatic drain +
		Min.oil level indicator NO
		SC = Automatic drain +
		Min.oil level indicator NC
		FLOW DIRECTION
	0	= Standard
	9	(from left to right)
		W = from right to left
		BOWL OPTIONS
	6	0

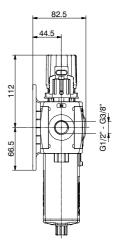
Ordering code

= Standard *
N = Nylon bowl

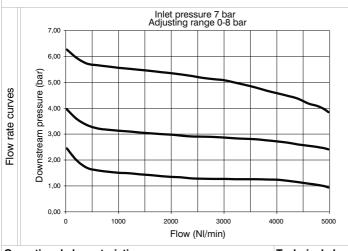
Service unit assembled (VL+EM) (VL+E) (VL+EW)

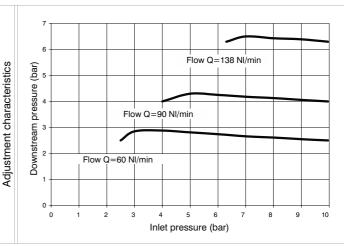






Example: GT173BVGG: size 3 combined group comprising Shut-off valve, Filter-regulator Technopolymer threads, G1/2" connections 0 to 8 bar adjusting range and 20 μ m filter pore size





Operational characteristics

Combined group comprising manual shut-off valve, Filter - regulator with built in manometer, assembled with one (Y) type coupling kit for panel mountings. 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.

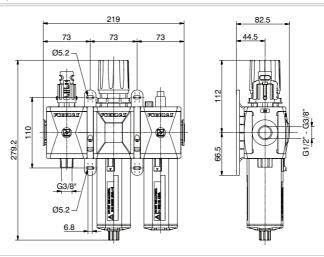
Technical characteristics

Connections	G 3/8" - G 1/2"		Ordering code
Max. inlet pressure	13 bar		-
Working temperature	-5°C +50°C	1	G Ø 173 @@ S @@
Weight with Technopolymer threads	gr. 749		VERSION
Weight with threaded inserts	gr. 789		N = Metal inserts
D	0-2 bar / 0-4 bar	-	T = Technopolymer thread
Pressure range	0-8 bar / 0-12 bar	_	CONNECTIONS A = G3/8"(only for "N" version)
Filter pore size	5 μm - 20 μm - 50 μm		B = G1/2"
Bowl capacity	68 cm ³		C = 1/2 NPT(only for "N" version)
20m dapaony	1 drop every		TYPE
Indicative oil drop rate	' '	0	VG = Built in gauge
	300/600 NI		VU = G1/8" gauge connection FILTER PORE SIZE
Oil type	FD22 - HG32		ADJUSTING RANGE
Bowl capacity	136 cm ³	1 1	$C = 5 \mu\text{m} / 0.8 \text{bar}$
Assembly positions	Vertical	8	$D = 5 \mu m / 0-12 bar$
Max. fitting torque		T .	G = 20 μm / 0-8 bar
	G1/2" = 22 Nm	1 1	$H = 20 \mu m / 0-12 bar$
(with Technopolymer threads)			$N = 50 \mu m / 0-8 bar$
Max. fitting torque	G3/8" = 25 Nm	-	$P = 50 \mu\text{m} / 0-12 \text{bar}$
(with threaded inserts)	G1/2" = 30 Nm		OPTIONS
,		•	= Standard *
			S = Automatic drain
		-	FLOW DIRECTION
		0	= Standard
Min. operational flow at 6,3 bar	100 NI/min.	-	(from left to right)
			W = from right to left
			BOWL OPTIONS
		2	= Standard *
			N = Nylon bowl



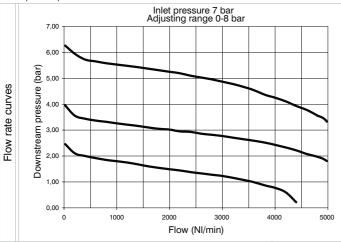
Service unit assembled (VL+EM+L) (VL+E+L) (VL+EW+L)

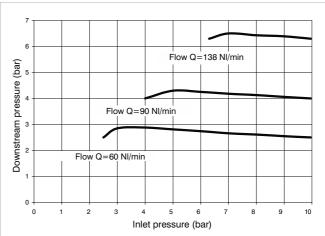




Example: GT173BVHG: Size 3 Combined group comprising Shut-off valve, Filter-regulator and Lubricator Technopolymer threads, G1/2" connections 0 to 8 bar adjusting range and 20 μ m filter pore size

Adjustment characteristics





Operational characteristics

Combined group comprising manual shut-off valve, Filter - regulator with built in manometer and Lubricator assembled with two(Y) type coupling kits for panel mountings.

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

INOIE

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. 1078	
Weight with threaded inserts	gr. 1138	V
Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	
Filter pore size	5 μm - 20 μm - 50 μm	•
Bowl capacity	68 cm ³	
Indicative oil drop rate	1 drop every 300/600 NI	•
Oil type	FD22 - HG32	
Bowl capacity	136 cm ³	
Assembly positions	Vertical	8
Max. fitting torque (with Technopolymer threads)	G1/2" = 22 Nm	
Max. fitting torque	G3/8" = 25 Nm	
(with threaded inserts)	G1/2" = 30 Nm	
Min. operational flow at 6.2 har	100 NI/min	•
Min. operational flow at 6,3 bar	100 NI/min.	
		•

* no additional letter required

FLOW DIRECTION
= Standard

(from left to right)
W = from right to left
BOWL OPTIONS
= Standard *
N = Nylon bowl

Ordering code

GØ173@@@@@

T = Technopolymer thread CONNECTIONS

A = G3/8"(only for "N" version) B = G1/2"

VH = Built in gauge VJ = G1/8" gauge connection FILTER PORE SIZE ADJUSTING RANGE $C = 5 \mu m / 0-8 bar$ $D = 5 \mu m / 0-12 bar$ $G = 20 \,\mu m / 0-8 \,bar$ $H = 20 \,\mu m / 0-12 \,bar$ $N = 50 \, \mu \text{m} / 0.8 \, \text{bar}$ $P = 50 \,\mu m / 0-12 \,bar$ OPTIONS = Standard * A = Min.oil level indicator NO C = Min.oil level indicator NC S = Automatic drain SA = Automatic drain + Min.oil level indicator NO SC = Automatic drain + Min.oil level indicator NC

C = 1/2 NPT(only for "N" version)

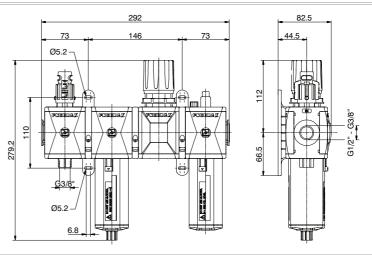
VERSION

TYPE

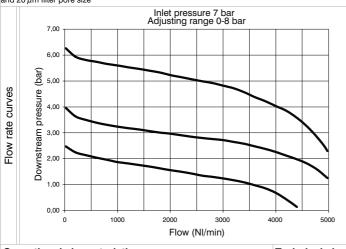
N = Metal inserts

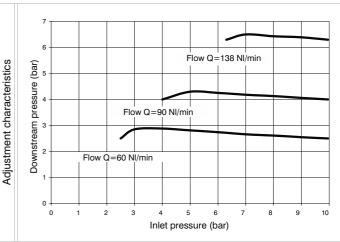
Service unit assembled (VL+F+RM+L) (VL+F+R+L) (VL+F+RW+L)





Example: GT173BVKG: size 3 combined group comprising Shut-off valve, Filter, Regulator and Lubricator Technopolymer threads, G1/2" connections 0 to 8 bar adjusting range and 20 µm filter pore size





Operational characteristics

Combined group comprising Manual shut-off valve, Filter, Regulator with built in manometer and Lubricator, assembled with two (Y) type coupling kits for panel mounting and one (X) type coupling kit.

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. 1308	
Weight with threaded inserts	gr. 1388	V
Pressure range	0-2 bar / 0-4 bar	
1 ressure range	0-8 bar / 0-12 bar	•
Filter pore size	5 μm - 20 μm - 50 μm	•
Bowl capacity	68 cm ³	
Indicative oil drop rate	1 drop every	O
indicative oil drop rate	300/600 NI	
Oil type	FD22 - HG32	
Bowl capacity	136 cm ³	
Assembly positions	Vertical	8
Max. fitting torque	O4 /01 00 N	
(with Technopolymer threads)	G1/2" = 22 Nm	
Max. fitting torque	G3/8" = 25 Nm	
(with threaded inserts)	G1/2" = 30 Nm	
Min. operational flow at 6,3 bar	100 NI/min.	•
iviiii. operational ilow at 0,3 bai	100 Ni/min.	•

W = from right to left
BOWL OPTIONS
= Standard *
N = Nylon bowl

Ordering code

G**Ø**173**ØØ©@**

T = Technopolymer thread

B = G3/8" (only for "N" version) B = G1/2" C = 1/2 NPT (only for "N" version)

VK = Built in gauge VT = G1/8" gauge connection

FILTER PORE SIZE ADJUSTING RANGE $C = 5 \mu m / 0-8 bar$ $D = 5 \mu m / 0-12 bar$ $G = 20 \,\mu m / 0-8 \,bar$ $H = 20 \,\mu m / 0-12 \,bar$ $N = 50 \, \mu \text{m} / 0.8 \, \text{bar}$ $P = 50 \, \mu \text{m} / 0 - 12 \, \text{bar}$ OPTIONS = Standard * A = Min.oil level indicator NO C = Min.oil level indicator NC S = Automatic drain SA = Automatic drain + Min.oil level indicator NO SC = Automatic drain + Min.oil level indicator NC FLOW DIRECTION = Standard (from left to right)

VERSION
N = Metal inserts

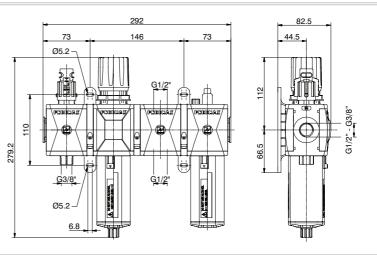
TYPE

CONNECTIONS



Service unit assembled (VL+EM+PA+L) (VL+E+PA+L) (VL+EW+PA+L)





Example: GT173BVNG: size 3 combined group comprising Shut-off valve, Filter-regulator, Air intake and Lubricator Technopolymer threads, G1/2" connections 0 to 8 baradjusting range and 20 µm filter pore size

Adjustment characteristics

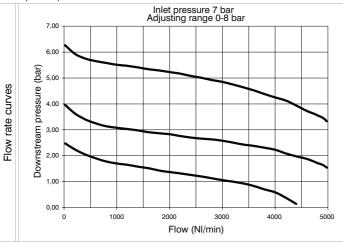
Technical characteristics

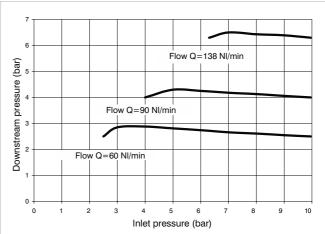
Max. fitting torque

Max. fitting torque

(with threaded inserts)

(with Technopolymer threads)





G1/2" = 22 Nm

G3/8" = 25 Nm

G1/2" = 30 Nm

100 NI/min.

Operational characteristics

Combined group comprising manual shut-off valve, Filter - regulator with built in manometer, Air intake and Lubricator, assembled with two (Y) type coupling kits for panel mounting and one (X) type coupling kit.

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 3/8" - G 1/2"	
Max. inlet pressure	13 bar	
Working temperature	-5°C +50°C	
Weight with Technopolymer threads	gr. 1249	
Weight with threaded inserts	gr. 1309	V
Pressure range	0-2 bar / 0-4 bar	
Fressure range	0-8 bar / 0-12 bar	
Filter pore size	5 μm - 20 μm - 50 μm	•
Bowl capacity	68 cm ³	
Indicative oil drop rate	1 drop every	0
indicative oil drop rate	300/600 NI	
Oil type	FD22 - HG32	
Bowl capacity	136 cm ³	
Assembly positions	Vertical	8

Min. operational flow at 6,3 bar

Ordering code

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VERSION

N = Metal inserts

i		T = Technopolymer thread
		CONNECTIONS
	Θ	A = G3/8"(only for "N" version)
	G	B = G1/2"
		C = 1/2 NPT(only for "N" version)
		TYPE
	•	VN = Built in gauge
		VP = G1/8" gauge connection
		FILTER PORE SIZE
		ADJUSTING RANGE
		$C = 5 \mu m / 0-8 bar$
	8	$D = 5 \mu m / 0-12 bar$
	9	$G = 20 \mu m / 0.8 bar$
		$H = 20 \mu m / 0-12 bar$
		$N = 50 \mu m / 0.8 bar$

- P = 50 µm / 0-12 bar

 OPTIONS

 = Standard *

 A = Min.oil level indicate
- A = Min.oil level indicator NO
 C = Min.oil level indicator NC
 S = Automatic drain
- S = Automatic drain
 SA = Automatic drain +
 Min.oil level indicator NO
 SC = Automatic drain +
 Min.oil level indicator NC
- Min.oil level indicator
 FLOW DIRECTION

 Standard
 (from left to right)

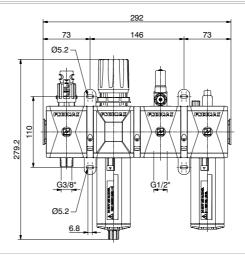
 W = from right to left
- BOWL OPTIONS

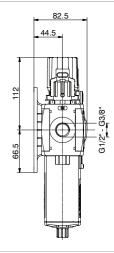
 = Standard *

 N = Nylon bowl
 - * no additional letter required

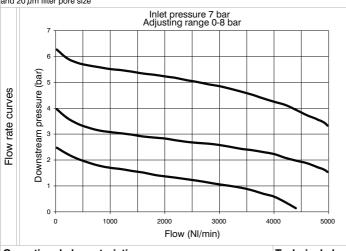
Service unit assembled (VL+EM+PP+L) (VL+E+PP+L) (VL+EW+PP+L)

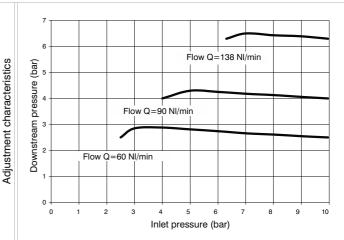






Example: GT173BVRG: size 3 combined group comprising Shut-off valve, Filter-regulator, Pressure switch and Lubricator Technopolymer threads, G1/2" connections adjusting range 0 to 8 bar and 20 µm filter pore size





Operational characteristics

Combined group comprising manual shut-off valve, Filter regulator with built in manometer, Pressure switch and Lubricator, assembled with two (Y) type coupling kits for panel mounting and one (X) type coupling kit. 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. 1333	
Weight with threaded inserts	gr. 1393	V
Pressure range	0-2 bar / 0-4 bar	
Troccure range	0-8 bar / 0-12 bar	ø
Filter pore size	5 μm - 20 μm - 50 μm	
Bowl capacity	68 cm ³	
Indicative oil drop rate	1 drop every	O
indicative on drop rate	300/600 NI	
Oil type	FD22 - HG32	
Bowl capacity	136 cm ³	
Assembly positions	Vertical	8
Max. fitting torque	G1/2" = 22 Nm] -
(with Technopolymer threads)	G1/2 = 22 NIII	
Max. fitting torque	G3/8" = 25 Nm	_
(with threaded inserts)	G1/2" = 30 Nm	
Min. operational flow at 6,3 bar	100 NI/min.	•
imin. operational now at 6,3 dar	TOO NI/MIN.	0

Ordering code

G**Ø**173**@@©**@**@** VERSION N = Metal inserts T = Technopolymer thread

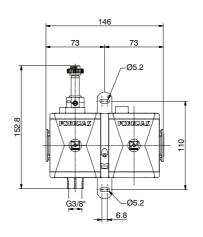
- CONNECTIONS A = G3/8"(only for "N" ve B = G1/2"
- C = 1/2 NPT(only for "N" version) TYPE VR = Built in gauge
- VC = G1/8" gauge connection FILTER PORE SIZE ADJUSTING RANGE
- $C = 5 \mu m / 0-8 bar$ $D = 5 \mu m / 0.12 bar$ $G = 20 \,\mu m / 0-8 \,bar$ $H = 20 \,\mu m / 0-12 \,bar$ $N = 50 \, \mu \text{m} / 0.8 \, \text{bar}$
 - $P = 50 \, \mu \text{m} / 0 12 \, \text{bar}$ OPTIONS = Standard *
- A = Min.oil level indicator NO C = Min.oil level indicator NC
- S = Automatic drain SA = Automatic drain + Min.oil level indicator NO SC = Automatic drain + Min.oil level indicator NC
- FLOW DIRECTION = Standard (from left to right)
- W = from right to left BOWL OPTIONS = Standard *

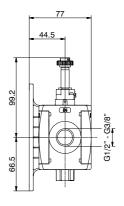
N = Nylon bowl



Service unit assembled (VE+AP)





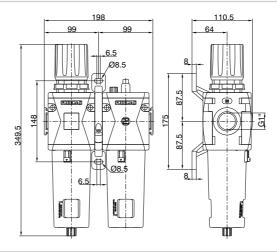


Example: GT173BSB2: size 3 combined group comprising Electric shut-off valve, Progressive start-up valve without coil with M2 pilot Technopolymer threads, G1/2" connections

Operational characteristics	Technical characteristics		
Combined group comprising Electric shut - off valve and	Connections	G 3/8" - G 1/2"	Ordering code
Progressive start-up valve assembled with a (Y) type coupling kit	Max. inlet pressure	10 bar	
or panel mounting.	Min. inlet pressure	2.5 bar	GØ 173 © S Ø
	Working temperature	-5°C +50°C	VERSION
	Weight with Technopolymer threads	gr. 549	N = Metal inserts
	Weight with threaded inserts	gr. 589	T = Technopolymer threa
	Assembly positions	Indifferent	CONNECTIONS A = G3/8"(only for "N" version)
	Max. fitting torque	aora	B = G1/2"
	(with Technopolymer threads)	G1/2" = 22 Nm	C = 1/2 NPT(only for "N" version
	, ,		15 mm COIL VOLTAGE
	Max. fitting torque	G3/8" = 25 Nm	A4 = 12 V DC
	(with threaded inserts)	G1/2" = 30 Nm	A5 = 24 V DC A6 = 24 V AC (50-60 Hz)
	Flow at 6 bar with $\Delta p = 1$	2800 NI/min.	A7 = 110 V AC (50-60 Hz A8 = 220 V AC (50-60 Hz A9 = 24 V DC (1 Watt) 22 mm COIL VOLTAGE B2 = Without coil M2 mechanic B4 = 12 V DC B5 = 24 V DC B6 = 24 V AC (50-60 Hz) B7 = 110 V AC (50-60 Hz) B9 = 24 V DC (2 Watt) 30 mm COIL VOLTAGE C5 = 24 V AC C6 = 24 V AC (50-60 Hz) C7 = 110 V AC (50-60 Hz) C7 = 110 V AC (50-60 Hz) C7 = 24 V DC (2 Watt) C8 = 230 V AC (50-60 Hz) C9 = 24 V DC (2 Watt)

Service unit assembled (EM+L) (E+L) (EW+L)



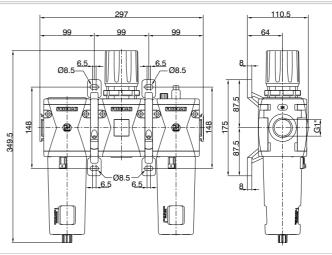


Example : GN174BHG : size 4, combined group comprising Filter-regulator and Lubricator, G1" connections, 0 to 8 bar adjusting range and 20 μ m filter pore size

Operational characteristics	Technical characteristics		
Combined group comprising Filter-regulator with built in	Connections	G1"	Ordering code
manometer and Lubricator assembled with a (Y) type	Max. inlet pressure	13 bar	Grasining code
coupling kit for panel mounting.	Working temperature	-5°C +50°C	GN174B 0 0000
ntegrated manometer 0-12 bar as standard	Weight	2585 (gr)	TYPE
for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)	_	0-2 bar / 0-4 bar	H = Built in gauge
Note	Pressure range	0-8 bar / 0-12 bar	J = G1/8" gauge connection
			FILTER PORE SIZE
he pressure must be always regulating while increasing. For	Filter pore size	5 μm - 20 μm - 50 μm	ADJUSTING RANGE
more precise regulation and higher sensibility, the use of a	Bowl capacity	90 cm ³	$C = 5 \mu \text{m} / 0-8 \text{bar}$
egulator with a pressure range as close as possible to the		1 drop every	$D = 5 \mu m / 0.12 bar$
equiated pressure is recommended.	Indicative oil drop rate	300/600 NI	$G = 20 \mu\text{m} / 0.8 \text{bar}$ $H = 20 \mu\text{m} / 0.12 \text{bar}$
egulated pressure is recommended.	0.11.1	,	$N = 20 \mu \text{m} / 0-12 \text{bar}$ $N = 50 \mu \text{m} / 0-8 \text{bar}$
	Oil type	FD22 - HG32	$P = 50 \mu\text{m} / 0.12 \text{bar}$
	Bowl capacity	360 cm ³	OPTIONS
	Assembly positions	Vertical	= Standard *
	Min. operational flow rate at 6,3 bar	100 dm³/min. (ANR)	A = Min.oil level indicator N
	with operational new rate at 0,0 bar	100 din /min. (vivi)	C = Min.oil level indicator N
			S = Automatic drain
			SA = Automatic drain +
			Min.oil level indicator I
			SC = Automatic drain +
			Min.oil level indicator I
	Wall fixing screw	M8	FLOW DIRECTION
			Standard *
			(from left to right)
			W = from right to left BOWL OPTIONS
			= Standard *
			N = Nylon bowl

Service unit assembled (F+RM+L) (F+R+L) (F+RW+L)



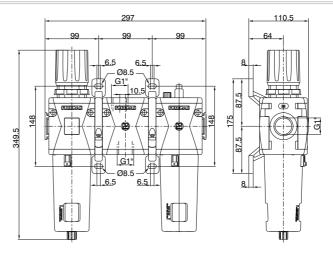


Example : GN174BKG : size 4 combined group comprising Filter, Regulator and Lubricator, G1" connections, 0 to 8 bar adjusting range and 20 μ m filter pore size

Operational characteristics	Technical characteristics			
Combined group comprising Filter, Regulator with built in	Connections	G1"		Ordering code
manometer and Lubricator assembled with two (Y) type	Max. inlet pressure	13 bar		
coupling kits for panel mounting.	Working temperature	-5°C +50°C		GN174B 09002
Integrated manometer 0-12 bar as standard	Weight	3640 (gr)		TYPE
(for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range		0-2 bar / 0-4 bar	0	K = Built in gauge
Note	Pressure range	0-8 bar / 0-12 bar		T = G1/8" gauge connection
	Filter and size			FILTER PORE SIZE
The pressure must be always regulating while increasing. For	Filter pore size	5 μm - 20 μm - 50 μm		ADJUSTING RANGE
a more precise regulation and higher sensibility, the use of a	Bowl capacity	90 cm ³		$C = 5 \mu m / 0.8 \text{ bar}$
regulator with a pressure range as close as possible to the	In all a still a later of the state of the s	1 drop every	8	$D = 5 \mu m / 0-12 bar$ $G = 20 \mu m / 0-8 bar$
regulated pressure is recommended.	Indicative oil drop rate	300/600 NI		$H = 20 \mu\text{m} / 0-12 \text{bar}$
rogalatoa processi o roccimionaca.	Oil type	FD22 - HG32		$N = 50 \mu \text{m} / 0.8 \text{bar}$
	71		-	$P = 50 \mu \text{m} / 0.12 \text{bar}$
	Bowl capacity	360 cm³		OPTIONS
	Assembly positions	Vertical		= Standard *
	Min. operational flow rate at 6,3 bar	100 dm³/min. (ANR)		A = Min.oil level indicator NO
	•	, ,	_	C = Min.oil level indicator NC
			•	
				SA = Automatic drain +
				Min.oil level indicator NO
				SC = Automatic drain + Min.oil level indicator NC
	Mall fiving corew	140	-	FLOW DIRECTION
	Wall fixing screw	M8	_	= Standard *
			0	(from left to right)
				W = from right to left
				BOWL OPTIONS
			0	= Standard *
				N = Nylon bowl

Service unit assembled (EM+PA+L) (E+PA+L) (EW+PA+L)



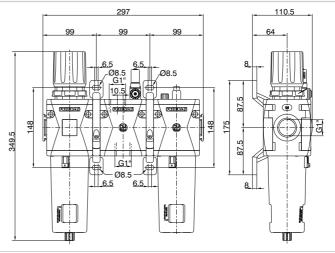


Example : GN174BNG : size 4 combined group comprising Filter-regulator, Air intake and Lubricator, G1" connections, 0 to 8 bar adjusting range and 20 μ m filter pore size

Operational characteristics	Technical characteristics		
Combined group comprising Filter-regulator with built in	Connections	G1"	Ordering code
manometer, Air intake and Lubricator assembled	Max. inlet pressure	13 bar	Stating state
with two (Y) type coupling kits for panel mounting.	Working temperature	-5°C +50°C	GN174B @©@@
Integrated manometer 0-12 bar as standard	Weight	3425 (gr)	TYPE
(for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)	2	0-2 bar / 0-4 bar	N = Built in gauge
Note	Pressure range	0-8 bar / 0-12 bar	P = G1/8" gauge connection
The pressure must be always regulating while increasing. For	Filter pore size	5 μm - 20 μm - 50 μm	FILTER PORE SIZE ADJUSTING RANGE
a more precise regulation and higher sensibility, the use of a	Bowl capacity	90 cm ³	$C = 5 \mu\text{m} / 0.8 \text{bar}$
	bowi capacity		$D = 5 \mu \text{m} / 0.12 \text{ bar}$
regulator with a pressure range as close as possible to the	Indicative oil drop rate	1 drop every	$G = 20 \mu\text{m} / 0.8 \text{bar}$
regulated pressure is recommended.		300/600 NI	$H = 20 \mu m / 0-12 bar$
	Oil type	FD22 - HG32	$N = 50 \mu \text{m} / 0-8 \text{bar}$
	Bowl capacity	360 cm ³	$P = 50 \mu m / 0-12 bar$ OPTIONS
	Assembly positions Vertica	Vertical	= Standard *
	Min. operational flow rate at 6,3 bar	100 dm³/min. (ANR)	A = Min.oil level indicator NO
		,	C = Min.oil level indicator NC
			S = Automatic drain
			SA = Automatic drain +
			Min.oil level indicator NC
			SC = Automatic drain +
	u.g.:		Min.oil level indicator NC
	Wall fixing screw	M8	FLOW DIRECTION = Standard *
			(from left to right)
			W = from right to left
			BOWL OPTIONS
			= Standard *
			N = Nylon bowl

Service unit assembled (EM+PP+L) (E+PP+L) (EW+PP+L)



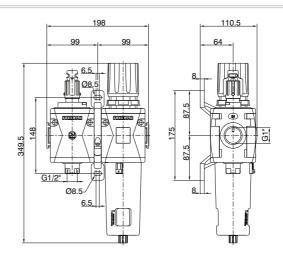


Example : GN174BRG : size 4 combined group comprising Filter-Regulator, Pressure switch and Lubricator, G1" connections 0 to 8 bar adjusting range and 20 μ m filter pore size

Operational characteristics	Technical characteristics			
Combined group comprising Filter-regulator with built in	Connections	G1"		Ordering code
manometer, Pressure switch and Lubricator assembled	Max. inlet pressure	13 bar		
with two (Y) type coupling kits for panel mountings.	Working temperature	-5°C +50°C		GN174B 0 9000
Integrated manometer 0-12 bar as standard	Weight	3505 (gr)		TYPE
(for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)		0-2 bar / 0-4 bar	Ū	R = Built in gauge
Note	Pressure range	0-8 bar / 0-12 bar		C = G1/8" gauge connection
	Filter pero size			FILTER PORE SIZE
The pressure must be always regulating while increasing. For	Filter pore size	5 μm - 20 μm - 50 μm		ADJUSTING RANGE C = 5 µm / 0-8 bar
a more precise regulation and higher sensibility, the use of a	Bowl capacity	90 cm ³	8	$D = 5 \mu m / 0.12 \text{ bar}$
regulator with a pressure range as close as possible to the	Indicative oil drop rate	1 drop every		$G = 20 \mu\text{m} / 0-8 \text{bar}$
regulated pressure is recommended.	maiodive on drop rate	300/600 NI		$H = 20 \mu\text{m} / 0-12 \text{bar}$
	Oil type	FD22 - HG32		$N = 50 \mu \text{m} / 0.8 \text{bar}$
	Bowl capacity	360 cm ³		$P = 50 \mu m / 0 - 12 bar$
	' '			OPTIONS
	Assembly positions	Vertical		= Standard *
	Min. operational flow rate at 6,3 bar	100 dm³/min. (ANR)		A = Min.oil level indicator NO
			0	C = Min.oil level indicator NC S = Automatic drain
			•	SA = Automatic drain +
				Min.oil level indicator NO
				SC = Automatic drain +
				Min.oil level indicator NC
	Wall fixing screw	M8		FLOW DIRECTION
	, and the second		O	= Standard *
			ש	(from left to right)
				W = from right to left
				BOWL OPTIONS
			0	= Standard *
				N = Nylon bowl

Service unit assembled (VL+EM) (VL+E) (VL+EW)



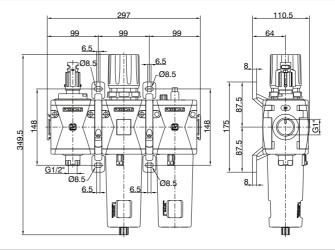


Example: GN174BVGG: size 4 combined group comprising Shut-off valve and Filter-regulator, G1" connections 0 to 8 bar adjusting range and 20 μ m filter pore size

Operational characteristics	Technical characteristics			
Combined group comprising manual shut-off valve, Filter -	ned group comprising manual shut-off valve, Filter - Connections		Ordering code	
regulator with built in manometer, assembled with	Max. inlet pressure	13 bar		<u> </u>
one (Y) type coupling kit for panel mountings.	Working temperature	-5°C +50°C		GN174B 0 8002
Integrated manometer 0-12 bar as standard	Weight	2660 (gr)		TYPE
(for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)	Pressure range	0-2 bar / 0-4 bar	Ū	
Note	Fressure range	0-8 bar / 0-12 bar		VU = G1/8" gauge connec
The pressure must be always regulating while increasing. For	Filter pore size	5 μm - 20 μm - 50 μm		ADJUSTING RANGE
a more precise regulation and higher sensibility, the use of a	Bowl capacity	90 cm ³		C = 5 µm / 0-8 bar
regulator with a pressure range as close as possible to the		1 drop every	0	$D = 5 \mu m / 0.12 bar$
regulated pressure is recommended.	Indicative oil drop rate	300/600 NI		$G = 20 \mu\text{m} / 0-8 \text{ bar}$ $H = 20 \mu\text{m} / 0-12 \text{ bar}$
	Oil type	FD22 - HG32		$N = 50 \mu\text{m} / 0.8 \text{bar}$
	Bowl capacity	360 cm ³	_	$P = 50 \mu m / 0-12 bar$
	Assembly positions	Vertical	•	OPTIONS = Standard *
	7 toombly positions	Voltious		S = Automatic drain
				FLOW DIRECTION
			0	= Standard *
	Wall fixing screw	M8	(1	(from left to right)
			_	W = from right to left
			2	BOWL OPTIONS = Standard *
			9	N = Nylon bowl

Service unit assembled (VL+EM+L) (VL+E+L) (VL+EW+L)





Example: GN174BVHG: Size 4 Combined group comprising Shut-off valve, Filter-regulator and Lubricator, G1" connections 0 to 8 bar adjusting range and 20 μ m filter pore size

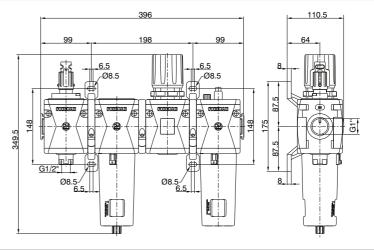
Operational characteristics	Technical characteristics			
Combined group comprising manual shut-off valve, Filter -	Connections	G1"	Ore	dering code
regulator with built in manometer and Lubricator assembled	Max. inlet pressure	13 bar		<u> </u>
with two(Y) type coupling kits for panel mountings.	Working temperature	-5°C +50°C	GN1	74B 0 800 2
Integrated manometer 0-12 bar as standard	Weight	3805 (gr)	TYPE	
(for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)	_	0-2 bar / 0-4 bar	VH =	Built in gauge
Note	Pressure range	0-8 bar / 0-12 bar		G1/8" gauge connection
		· ·		R PORE SIZE
The pressure must be always regulating while increasing. For	Filter pore size	5 μm - 20 μm - 50 μm		STING RANGE
a more precise regulation and higher sensibility, the use of a	Bowl capacity	90 cm ³		μm / 0-8 bar
regulator with a pressure range as close as possible to the		1 drop every	6	μm / 0-12 bar
	Indicative oil drop rate	300/600 NI		0 μm / 0-8 bar
regulated pressure is recommended.				0 μm / 0-12 bar
	Oil type	FD22 - HG32		0 μm / 0-8 bar 0 μm / 0-12 bar
	Bowl capacity	360 cm ³	OPTIC	
	Assembly positions	Vertical		tandard *
	Min. operational flow rate at 6,3 bar	100 dm³/min. (ANR)		lin.oil level indicator NO
	Will. Operational flow rate at 0,5 bar	100 dili /ililii. (Alvit)	C = M	fin.oil level indicator NC
			S = A	utomatic drain
			SA = I	Automatic drain +
			l N	fin.oil level indicator NO
			SC =	Automatic drain +
			N	fin.oil level indicator NC
	Wall fixing screw	M8	FLOW	DIRECTION
			(D)	Standard *
			(fi	rom left to right)
				rom right to left
				OPTIONS
			2 = St	tandard *

^{*} no additional letter required

N = Nylon bowl

Service unit assembled (VL+F+RM+L) (VL+F+R+L) (VL+F+RW+L)

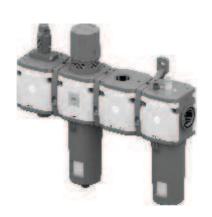


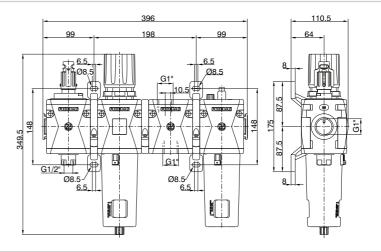


Example : GN174BVKG : size 4 combined group comprising Shut-off valve, Filter, Regulator and Lubricator, G1" connections 0 to 8 bar adjusting range and 20 μ m filter pore size

Operational characteristics	Technical characteristics			
Combined group comprising manual shut - off valve, Filter,	Connections	G1"		Ordering code
Regulator with built in manometer and Lubricator, assembled	Max. inlet pressure	13 bar		Ordoning code
with two (Y) type coupling kits for panel mounting and one (X)	Working temperature	-5°C +50°C		GN174B @©@@
type coupling kit.	Weight	4830 (gr)		TYPE
Integrated manometer 0-12 bar as standard	B	0-2 bar / 0-4 bar	G	, gg.
(for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)	Pressure range	0-8 bar / 0-12 bar		VT = G1/8" gauge connect
Note	Filter pore size	5 μm - 20 μm - 50 μm		FILTER PORE SIZE ADJUSTING RANGE
The pressure must be always regulating while increasing. For	Bowl capacity	90 cm ³		$C = 5 \mu m / 0.8 bar$
. , , , , ,	DOWI Capacity		8	$D = 5 \mu m / 0-12 bar$
a more precise regulation and higher sensibility, the use of a	Indicative oil drop rate	1 drop every	9	$G = 20 \mu m / 0.8 bar$
regulator with a pressure range as close as possible to the	·	300/600 NI		$H = 20 \mu m / 0-12 bar$
regulated pressure is recommended.	Oil type	FD22 - HG32		$N = 50 \mu m / 0-8 bar$
	Bowl capacity	360 cm ³	-	$P = 50 \mu\text{m} / 0-12 \text{bar}$
	Assembly positions Vertical		OPTIONS = Standard *	
	Min. operational flow rate at 6,3 bar	100 dm³/min. (ANR)		A = Min.oil level indicator N
	mini operational non rate at 6,6 par		-	C = Min.oil level indicator N
			•	S = Automatic drain
				SA = Automatic drain +
				Min.oil level indicator N
				SC = Automatic drain +
			-	Min.oil level indicator N
	Wall fixing screw	M8		FLOW DIRECTION = Standard *
			0	(from left to right)
				W = from right to left
				BOWL OPTIONS
			2	= Standard *
				N = Nylon bowl

Service unit assembled (VL+EM+PA+L) (VL+E+PA+L) (VL+EW+PA+L)





Example: GN174BVNG: size 4 combined group comprising Shut-off valve, Filter-regulator, Air intake and Lubricator, G1" connections 0 to 8 bar adjusting range and 20 μ m filter pore size

Operational characteristics

Combined group comprising manual shut-off valve, Filter regulator with built in manometer, Air intake and Lubricator, assembled with two (Y) type coupling kits for panel mounting and one (X) type coupling kit.

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			
Working temperature	-5°C +50°C	GN174B @900		
Weight	4615 (gr)	TYPE		
B	0-2 bar / 0-4 bar	VN = Built in gauge		
Pressure range	0-8 bar / 0-12 bar	VP = G1/8" gauge connection		
Filter pore size	5 μm - 20 μm - 50 μm	FILTER PORE SIZE		
· ·		ADJUSTING RANGE		
Bowl capacity	90 cm ³	$C = 5 \mu m / 0.8 \text{ bar}$		
L. R. de Control	1 drop every			
Indicative oil drop rate	300/600 NI	$H = 20 \mu \text{m} / 0-8 \text{bar}$		
0".	,	$N = 20 \mu \text{m} / 0-12 \text{bar}$ N = 50 $\mu \text{m} / 0-8 \text{bar}$		
Oil type	FD22 - HG32	$P = 50 \mu\text{m} / 0.12 \text{bar}$		
Bowl capacity	360 cm ³	OPTIONS		
Assembly positions	Vertical	= Standard *		
Min. operational flow rate at 6,3 bar	100 dm³/min. (ANR)	A = Min.oil level indicator NO		
	, ,	C = Min.oil level indicator NC		
		S = Automatic drain		
		SA = Automatic drain +		
		Min.oil level indicator NO		
				SC = Automatic drain +
Wall fixing screw	M8	FLOW DIRECTION		
3		= Standard *		
		(from left to right)		
		W = from right to left		
		BOWL OPTIONS		
		- Standard *		

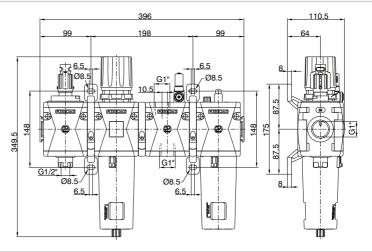
^{*} no additional letter required

= Standard * N = Nylon bowl

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Service unit assembled (VL+EM+PP+L) (VL+E+PP+L) (VL+EW+PP+L)





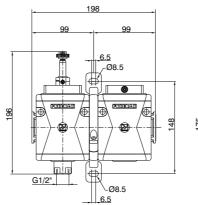
Example: GN174BVRG: size 4 combined group comprising Shut-off valve, Filter-regulator, Pressure switch and Lubricator, G1" connections adjusting range 0 to 8 bar and 20 μ m filter pore size

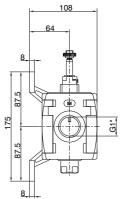
Operational characteristics	Technical characteristics			
Combined group comprising manual shut-off valve, Filter -	Connections	G1"		Ordering code
regulator with built in manometer, Pressure switch and	Max. inlet pressure	13 bar		
Lubricator, assembled with two (Y) type coupling kits for panel	Working temperature	-5°C +50°C	G	N174B @©@@
mounting and one (X) type coupling kit.	Weight	4695 (gr)	1	ГҮРЕ
Integrated manometer 0-12 bar as standard	D	0-2 bar / 0-4 bar		/R = Built in gauge
(for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)	Pressure range	0-8 bar / 0-12 bar		/C = G1/8" gauge connec
Note	Filter pore size	5 μm - 20 μm - 50 μm		LTER PORE SIZE DJUSTING RANGE
The pressure must be always regulating while increasing. For	Bowl capacity	90 cm ³	-	= 5 μm / 0-8 bar
a more precise regulation and higher sensibility, the use of a	Болг оправку	1 drop every		= 5 µm / 0-12 bar
	Indicative oil drop rate		G	= 20 µm / 0-8 bar
regulator with a pressure range as close as possible to the		300/600 NI	-	$= 20 \mu \text{m} / 0 - 12 \text{bar}$
regulated pressure is recommended.	Oil type	FD22 - HG32		= 50 µm / 0-8 bar
	Bowl capacity	360 cm ³	-	= 50 μm / 0-12 bar PTIONS
	Assembly positions	Vertical	1	= Standard *
	Min. operational flow rate at 6,3 bar	100 dm³/min. (ANR)	Α	= Min.oil level indicator N
	,	,	I	= Min.oil level indicator N
				= Automatic drain
			SA	A = Automatic drain + Min.oil level indicator N
			00	C = Automatic drain +
				Min.oil level indicator N
	Wall fixing screw	M8	F	FLOW DIRECTION
	Trail in ing 55.51	IVIO		= Standard *
			0	(from left to right)
			٧	N = from right to left
				OWL OPTIONS
			_	= Standard *
			N	= Nylon bowl



Service unit assembled (VE+AP)







Example: GN174BSB2: size 4 combined group comprising Electric shut-off valve and Progressive start-up valve without coil with M2 pilot, G1" connections

Operational characteristics	Technical characteristics		
Combined group comprising Electric shut - off valve and	Connections	G1"	Ordering code
Progressive start-up valve assembled with a (Y) type coupling kit	Max. inlet pressure	10 bar	GN174BS @
for panel mounting.	Min. inlet pressure	2,5 (bar)	
	Working temperature	-5°C +50°C	15 mm COIL VOLTAGE
	Weight	2390 (gr)	A4 = 12 V DC
	Assembly positions	Indifferent	A5 = 24 V DC
	Wall fixing screw	M8	A6 = 24 V AC (50-60 Hz A7 = 110 V AC (50-60 Hz A8 = 220 V AC (50-60 H A9 = 24 V DC (1 Watt) 22 mm COIL VOLTAGE B2 = Without coil M2 mechanic B4 = 12 V DC B6 = 24 V DC B6 = 24 V AC (50-60 Hz B7 = 110 V AC (50-60 Hz B7 = 110 V AC (50-60 Hz B9 = 24 V DC (2 Watt) 30 mm COIL VOLTAGE C5 = 24 V DC
			C6 = 24 V AC (50-60 Hz) C7 = 110 V AC (50-60 Hz) C8 = 230 V AC (50-60 Hz) C9 = 24 V DC (2 Watt) FLOW DIRECTION = Standard * (from left to right) W = from right to left

^{*} no additional letter required