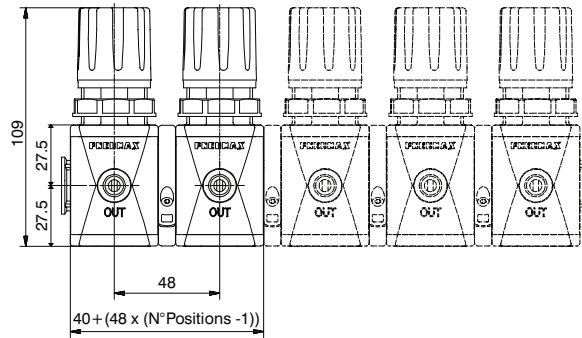
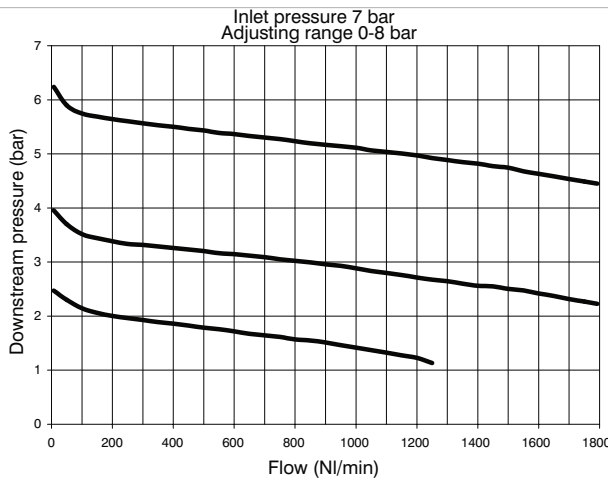


Manifold pressure regulators



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

Flow rate curves



Ordering code

GV171CTNCGGGGGG

VERSION	
V	N = Metal inserts T = Technopolymer thread
CONNECTIONS	
G	A = G1/8" (only for "N" version) B = G1/4" C = 1/4 NPT (only for "N" version)
TYPE	
B	Standard with flanges X
M	Manometer included with flanges X
T	Standard with flanges Y
Z	Manometer included with flanges Y
NUMBER REGULATORS	
2	2 regulators
3	3 regulators
N	4 = 4 regulators 5 = 5 regulators 6 = 6 regulators
ADJUSTING RANGE 1	
A	0-2 bar
B	0-4 bar
C	0-8 bar
D	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
B	0-4 bar
C	0-8 bar
D	0-12 bar
ADJUSTING RANGE 4	
A	0-2 bar
B	0-4 bar
C	0-8 bar
D	0-12 bar
ADJUSTING RANGE 5	
A	0-2 bar
B	0-4 bar
C	0-8 bar
D	0-12 bar
ADJUSTING RANGE 6	
A	0-2 bar
B	0-4 bar
C	0-8 bar
D	0-12 bar

Operational characteristics

- Inlet pressure common for the whole manifold of regulator.
- A maximum of 6 regulators can be mounted
- Air supply can be applied by both directions.

Note

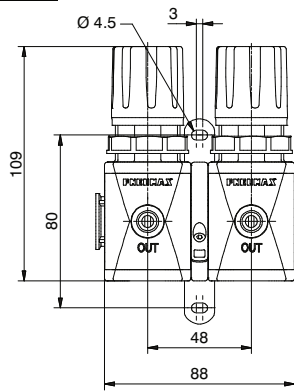
The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended.

Technical characteristics

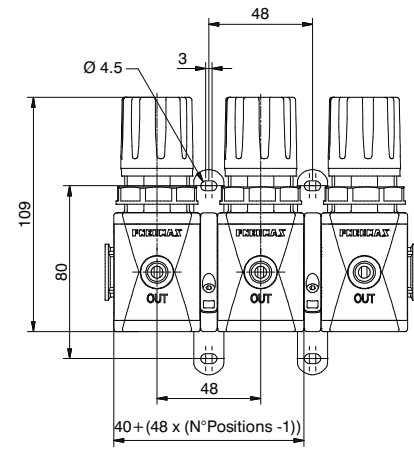
Connections	G 1/8" - G 1/4"
Max. inlet pressure	13 bar
Working temperature	-5°C + 50°C
Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar
Assembly positions	indifferent
Max. fitting torque (with Technopolymer threads)	G1/8" = 4 Nm G1/4" = 9 Nm
Max. fitting torque (with threaded inserts)	G1/8" = 15 Nm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

Dimensions with Y type flanges

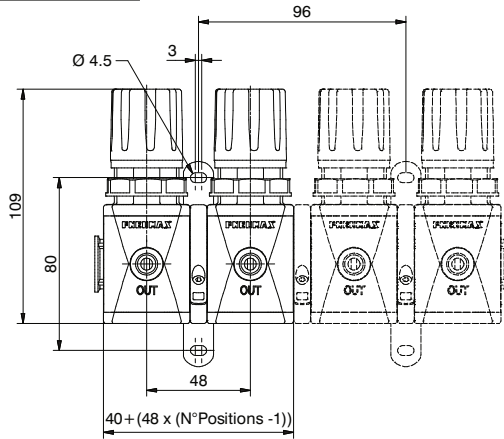
2 position manifold



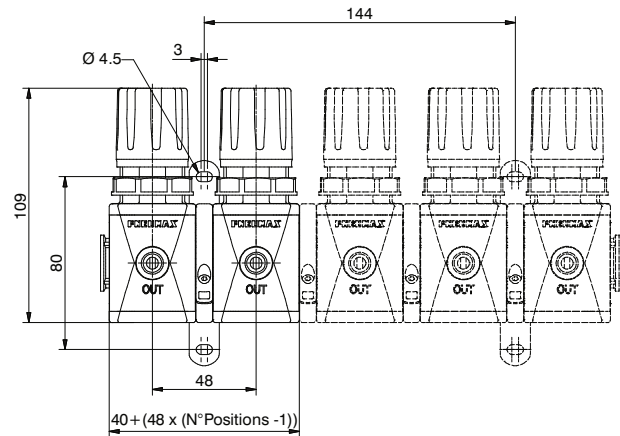
3 position manifold



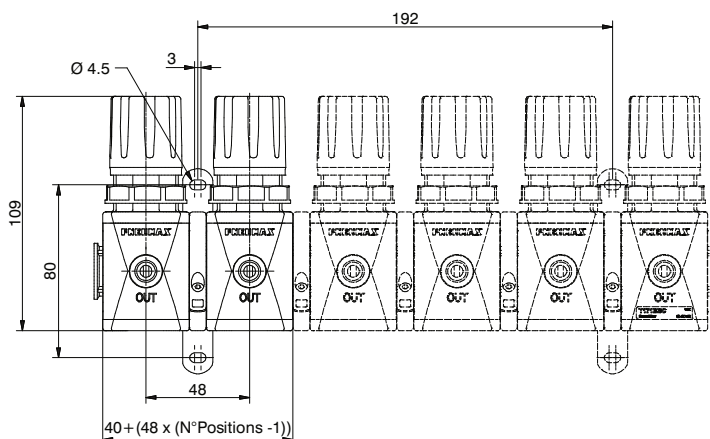
4 position manifold



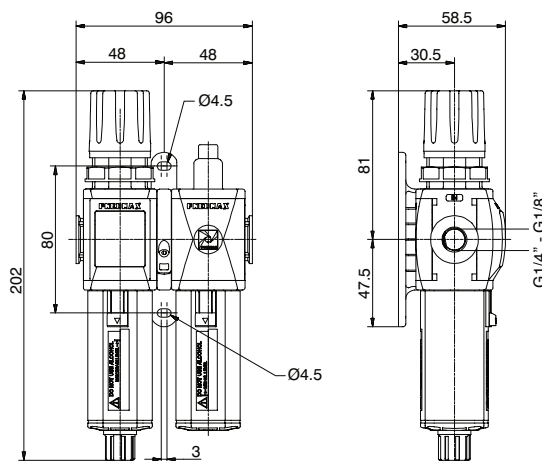
5 position manifold



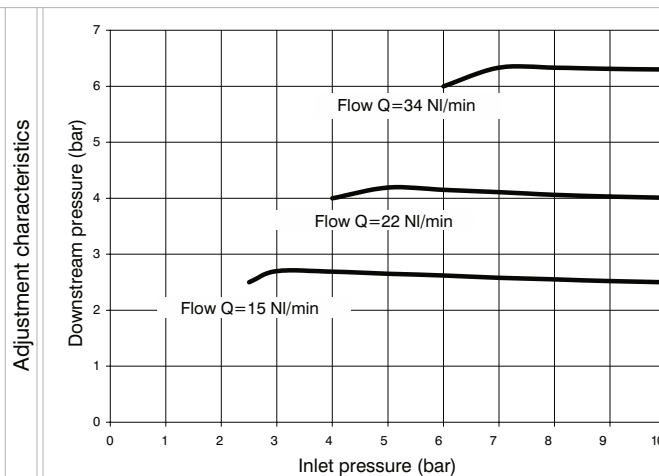
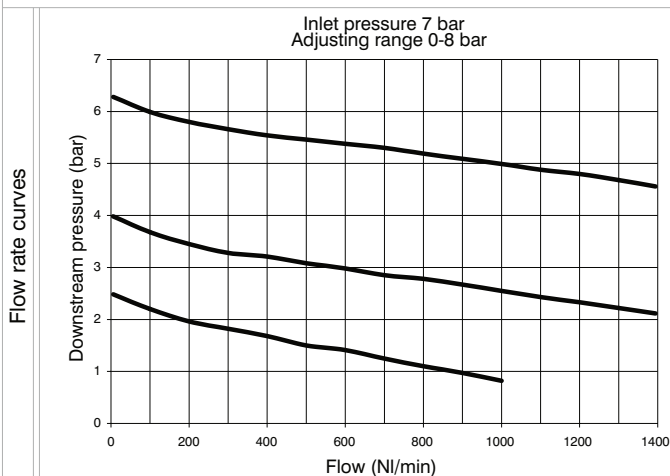
6 position manifold



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)

Note

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

Technical characteristics

Connections	G 1/8" - G 1/4"
Max. inlet pressure	13 bar
Working temperature	-5°C +50°C
Weight with Technopolymer threads	gr. 328
Weight with threaded inserts	gr. 348
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	18 cm ³
Indicative oil drop rate	1 drop every 300/600 NI
Oil type	FD22 - HG32
Bowl capacity	36 cm ³
Assembly positions	Vertical
Max. fitting torque (with Technopolymer threads)	G1/4" = 9 Nm
Max. fitting torque (with threaded inserts)	G1/8" = 15 Nm G1/4" = 20 Nm
Min. operational flow at 6,3 bar	40 NI/min.

Ordering code

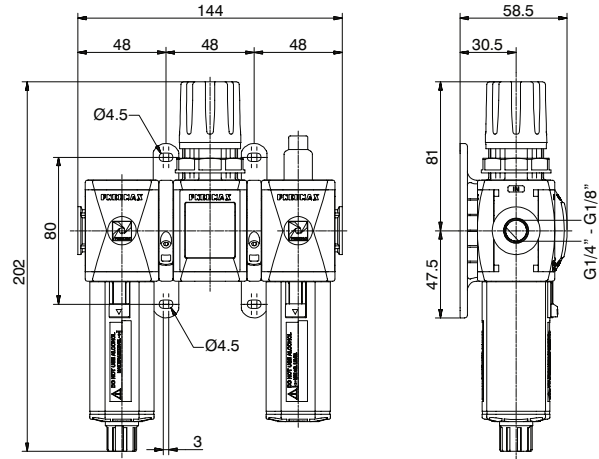
GV171CTSDZ

VERSION	
N = Metal inserts	
T = Technopolymer thread	
CONNECTIONS	
A = G1/8" (only for "N" version)	
B = G1/4"	
C = 1/4 NPT (only for "N" version)	
TYPE	
H = Built in gauge	
J = G1/8" gauge connection	
FILTER PORE SIZE	
ADJUSTING RANGE	
C = 5 µm / 0-8 bar	
D = 5 µm / 0-12 bar	
G = 20 µm / 0-8 bar	
H = 20 µm / 0-12 bar	
N = 50 µm / 0-8 bar	
P = 50 µm / 0-12 bar	
OPTIONS	
= Standard *	
S = Automatic drain	
FLOW DIRECTION	
= Standard *	
D (from left to right)	
W (from right to left)	
BOWL OPTIONS	
= Standard *	
N = Nylon bowl	

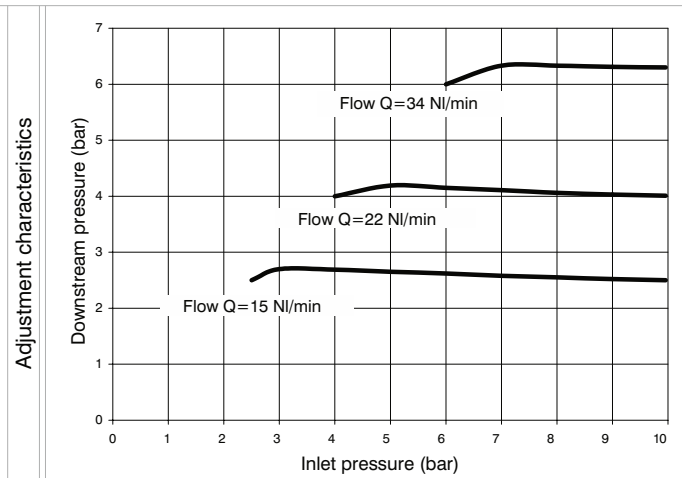
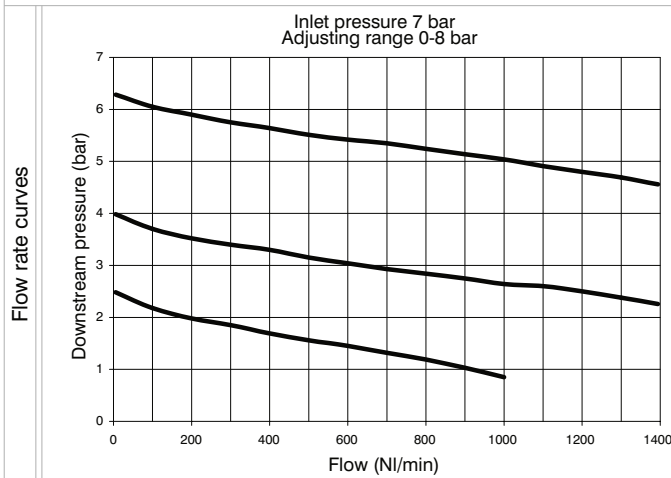
* no additional letter required



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



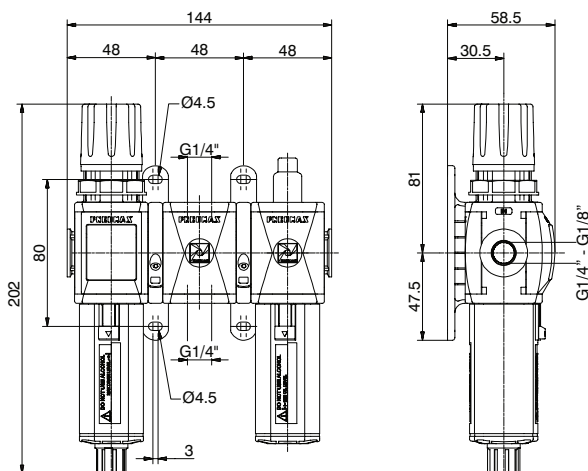
Example : GT171BKG : size 1 combined group comprising Filter, Regulator and Lubricator Technopolymer threads, G1/4" connections, 0 to 8 bar adjusting range and 20 µm filter pore size



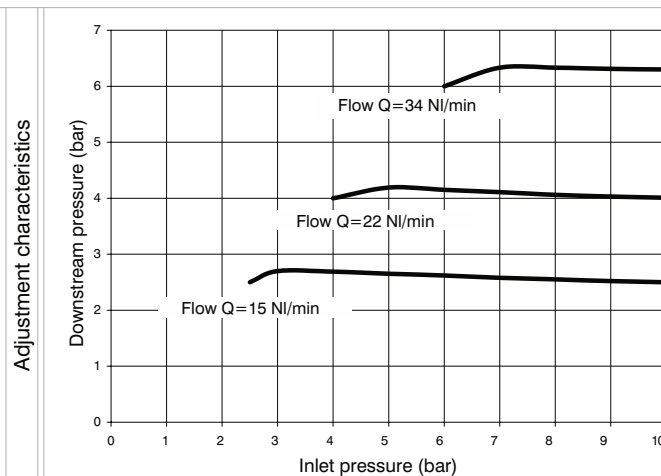
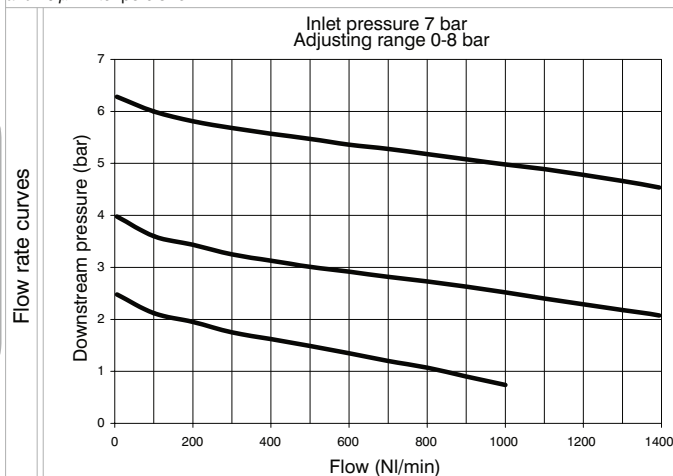
Operational characteristics	Technical characteristics		Ordering code
Combined group comprising Filter, Regulator with built in manometer and Lubricator assembled with two (Y) type coupling kits for panel mounting.	Connections	G 1/8" - G 1/4"	GV1710TSD0Z
Integrated manometer 0-12 bar as standard (for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)	Max. inlet pressure	13 bar	
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.	Working temperature	-5°C +50°C	VERSION V N = Metal inserts T = Technopolymer thread
	Weight with Technopolymer threads	gr. 406	CONNECTIONS A = G1/8" (only for "N" version) B = G1/4" C = 1/4 NPT (only for "N" version)
	Weight with threaded inserts	gr. 436	TYPE T K = Built in gauge T = G1/8" gauge connection
	Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	FILTER PORE SIZE ADJUSTING RANGE C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 0-12 bar
	Filter pore size	5 µm - 20 µm - 50 µm	OPTIONS = Standard * S = Automatic drain
	Bowl capacity	18 cm ³	FLOW DIRECTION = Standard D (from left to right) W = from right to left
	Indicative oil drop rate	1 drop every 300/600 NI	BOWL OPTIONS = Standard * N = Nylon bowl
	Oil type	FD22 - HG32	
	Bowl capacity	36 cm ³	
	Assembly positions	Vertical	
	Max. fitting torque (with Technopolymer threads)	G1/4" = 9 Nm	
	Max. fitting torque (with threaded inserts)	G1/8" = 15 Nm G1/4" = 20 Nm	
	Min. operational flow at 6,3 bar	40 NI/min.	

* no additional letter required

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



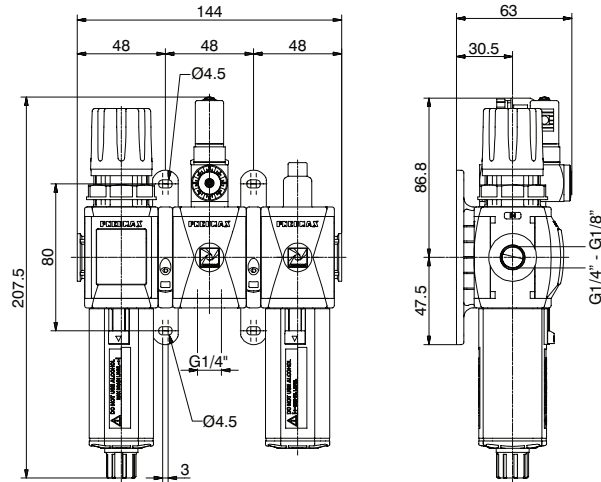
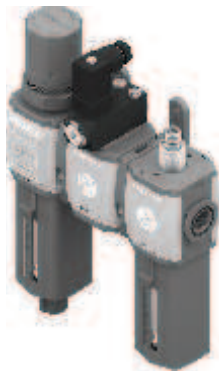
Example : GT171BNG : size 1 combined group comprising Filter-regulator, Air intake and Lubricator Technopolymer threads, G1/4" connections, 0 to 8 bar adjusting range and 20 µm filter pore size



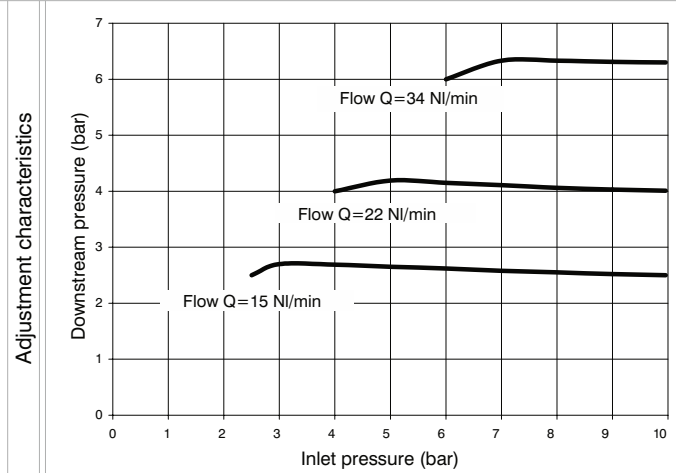
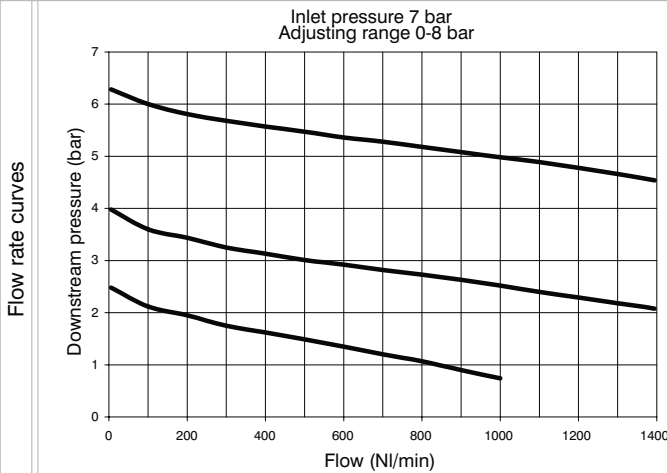
Operational characteristics	Technical characteristics		Ordering code
Combined group comprising Filter-regulator with built in manometer, Air intake and Lubricator assembled with two (Y) type coupling kits for panel mounting. Integrated manometer 0-12 bar as standard (for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)	Connections	G 1/8" - G 1/4"	GV171CTSDZ
	Max. inlet pressure	13 bar	
Note	Working temperature	-5°C +50°C	VERSION
	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.	Weight with Technopolymer threads	gr. 398
	Weight with threaded inserts	gr. 418	CONNECTIONS
	Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	G A = G1/8" (only for "N" version) B = G1/4" C = 1/4 NPT (only for "N" version)
	Filter pore size	5 µm - 20 µm - 50 µm	TYPE
	Bowl capacity	18 cm ³	T N = Built in gauge P = G1/8" gauge connection
	Indicative oil drop rate	1 drop every 300/600 NI	FILTER PORE SIZE
	Oil type	FD22 - HG32	ADJUSTING RANGE
	Bowl capacity	36 cm ³	S C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 0-12 bar
	Assembly positions	Vertical	OPTIONS
	Max. fitting torque (with Technopolymer threads)	G1/4" = 9 Nm	O = Standard * S = Automatic drain
	Max. fitting torque (with threaded inserts)	G1/8" = 15 Nm G1/4" = 20 Nm	FLOW DIRECTION
	Min. operational flow at 6,3 bar	40 NI/min.	D = Standard (from left to right) W = from right to left
			BOWL OPTIONS
			Z = Standard * N = Nylon bowl

* no additional letter required

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



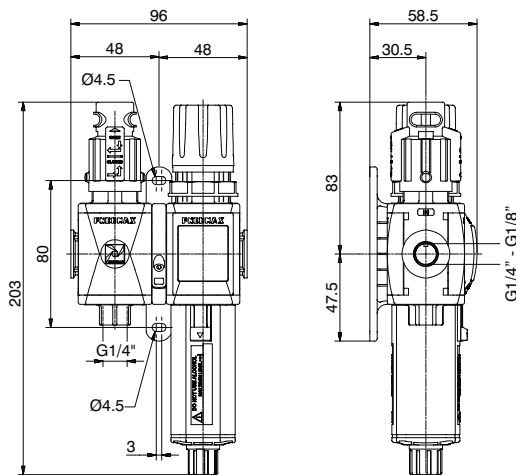
Example : GT171BRG : size 1 combined group comprising Filter-Regulator, Pressure switch and Lubricator Technopolymer threads, G1/4" connections 0 to 8 bar adjusting range and 20 µm filter pore size



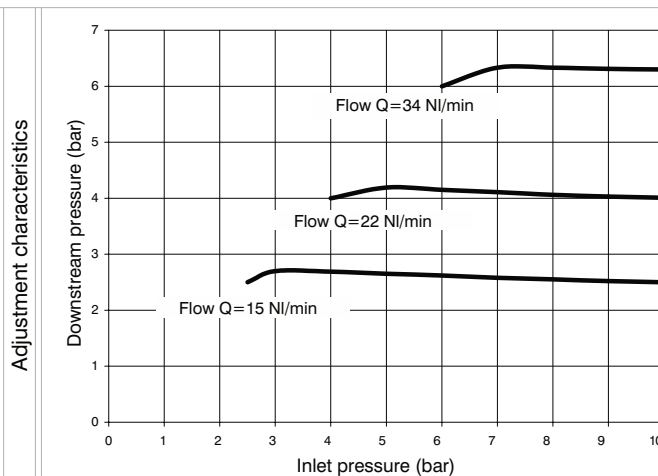
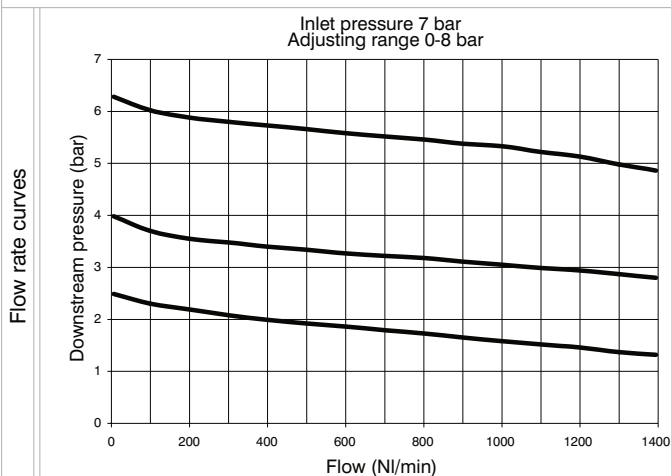
Operational characteristics	Technical characteristics		Ordering code
Combined group comprising Filter-regulator with built in manometer, Pressure switch and Lubricator assembled with two (Y) type coupling kits for panel mountings.	Connections	G 1/8" - G 1/4"	GV171CTSDZ
Integrated manometer 0-12 bar as standard (for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)	Max. inlet pressure	13 bar	
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.	Working temperature	-5°C +50°C	VERSION N = Metal inserts T = Technopolymer thread
	Weight with Technopolymer threads	gr. 484	CONNECTIONS A = G1/8" (only for "N" version) B = G1/4" C = 1/4 NPT (only for "N" version)
	Weight with threaded inserts	gr. 504	TYPE R = Built in gauge C = G1/8" gauge connection
	Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	FILTER PORE SIZE ADJUSTING RANGE C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 0-12 bar
	Filter pore size	5 µm - 20 µm - 50 µm	OPTIONS = Standard * S = Automatic drain
	Bowl capacity	18 cm ³	FLOW DIRECTION = Standard D = (from left to right) W = from right to left
	Indicative oil drop rate	1 drop every 300/600 NI	BOWL OPTIONS = Standard * N = Nylon bowl
	Oil type	FD22 - HG32	
	Bowl capacity	36 cm ³	
	Assembly positions	Vertical	
	Max. fitting torque (with Technopolymer threads)	G1/4" = 9 Nm	
	Max. fitting torque (with threaded inserts)	G1/8" = 15 Nm G1/4" = 20 Nm	
	Min. operational flow at 6,3 bar	40 NI/min.	

* no additional letter required

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



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 µm filter pore size

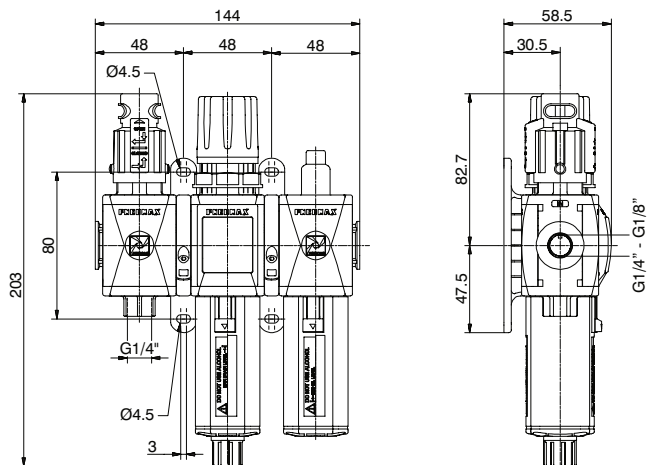


Operational characteristics	Technical characteristics		Ordering code
Combined group comprising manual shut-off valve, Filter - regulator with built in manometer, assembled with one (Y) type coupling kit for panel mountings.	Connections	G 1/8" - G 1/4"	GV171C^TS^OD^Z
Integrated manometer 0-12 bar as standard (for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)	Max. inlet pressure	13 bar	
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.	Working temperature	-5°C +50°C	VERSION
	Weight with Technopolymer threads	gr. 318	V N = Metal inserts
	Weight with threaded inserts	gr. 338	T = Technopolymer thread
	Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	CONNECTIONS
	Filter pore size	5 µm - 20 µm - 50 µm	C A = G1/8" (only for "N" version) B = G1/4" C = 1/4 NPT (only for "N" version)
	Bowl capacity	18 cm ³	TYPE
	Indicative oil drop rate	1 drop every 300/600 NI	T VG = Built in gauge VU = G1/8" gauge connection
	Oil type	FD22 - HG32	FILTER PORE SIZE
	Bowl capacity	36 cm ³	ADJUSTING RANGE
	Assembly positions	Vertical	S C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 0-12 bar
	Max. fitting torque (with Technopolymer threads)	G1/4" = 9 Nm	OPTIONS
	Max. fitting torque (with threaded inserts)	G1/8" = 15 Nm G1/4" = 20 Nm	O = Standard * S = Automatic drain
	Min. operational flow at 6,3 bar	40 NI/min.	FLOW DIRECTION
			D = Standard (from left to right) W = from right to left
			BOWL OPTIONS
			Z = Standard * N = Nylon bowl

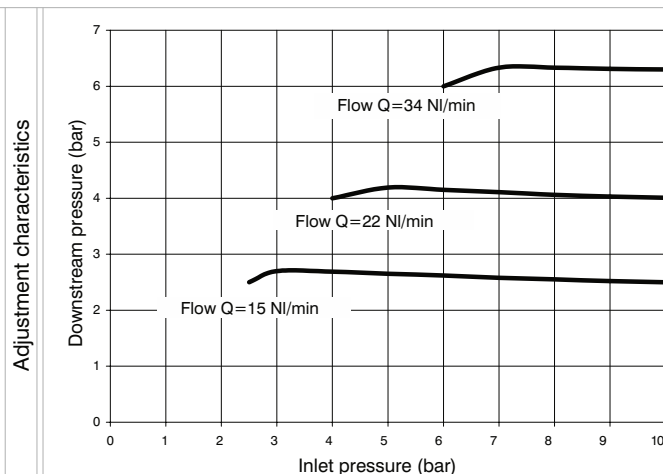
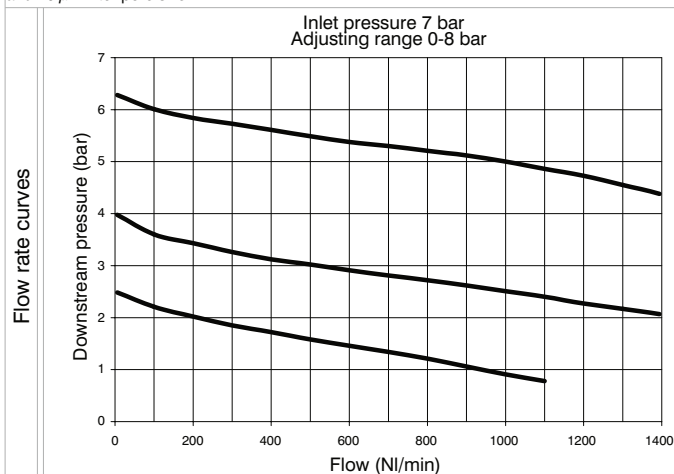
* no additional letter required



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 µm filter pore size

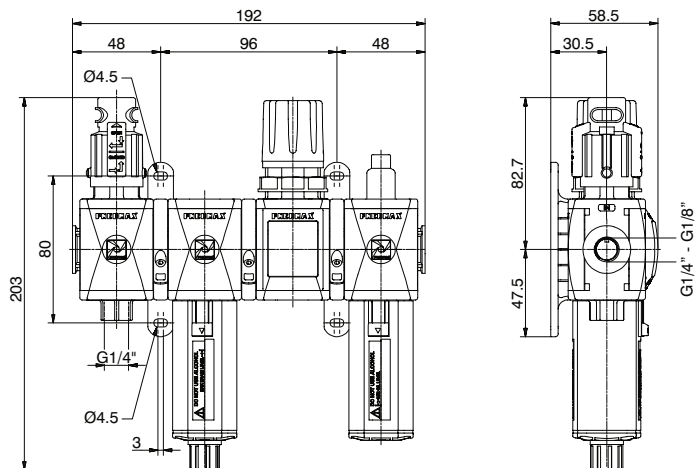


Operational characteristics	Technical characteristics		Ordering code
Combined group comprising manual shut-off valve, Filter - regulator with built in manometer and Lubricator assembled with two(Y) type coupling kits for panel mountings.	Connections	G 1/8" - G 1/4"	GV1710TSD0Z
Integrated manometer 0-12 bar as standard (for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)	Max. inlet pressure	13 bar	
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.	Working temperature	-5°C +50°C	VERSION
	Weight with Technopolymer threads	gr. 446	V N = Metal inserts
	Weight with threaded inserts	gr. 476	T = Technopolymer thread
	Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	CONNECTIONS
	Filter pore size	5 µm - 20 µm - 50 µm	A = G1/8" (only for "N" version)
	Bowl capacity	18 cm³	B = G1/4"
	Indicative oil drop rate	1 drop every 300/600 NI	C = 1/4 NPT (only for "N" version)
	Oil type	FD22 - HG32	TYPE
	Bowl capacity	36 cm³	T = Built in gauge
	Assembly positions	Vertical	VJ = G1/8" gauge connection
	Max. fitting torque (with Technopolymer threads)	G1/4" = 9 Nm	FILTER PORE SIZE
	Max. fitting torque (with threaded inserts)	G1/8" = 15 Nm G1/4" = 20 Nm	ADJUSTING RANGE
	Min. operational flow at 6,3 bar	40 NI/min.	C = 5 µm / 0-8 bar
			D = 5 µm / 0-12 bar
			G = 20 µm / 0-8 bar
			H = 20 µm / 0-12 bar
			N = 50 µm / 0-8 bar
			P = 50 µm / 0-12 bar
			OPTIONS
			= Standard *
			S = Automatic drain
			FLOW DIRECTION
			= Standard
			D (from left to right)
			W = from right to left
			BOWL OPTIONS
			= Standard *
			N = Nylon bowl

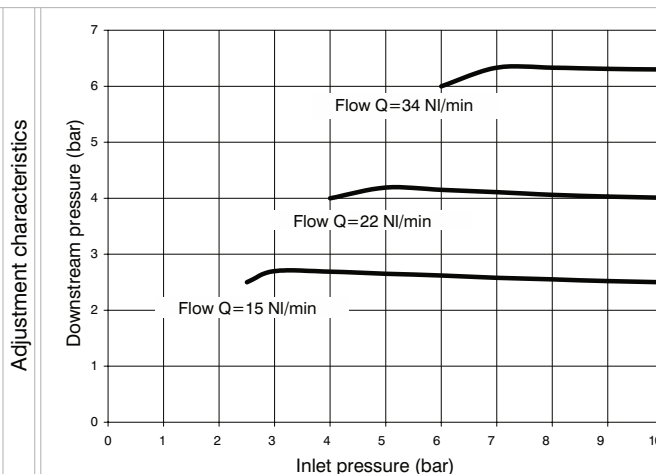
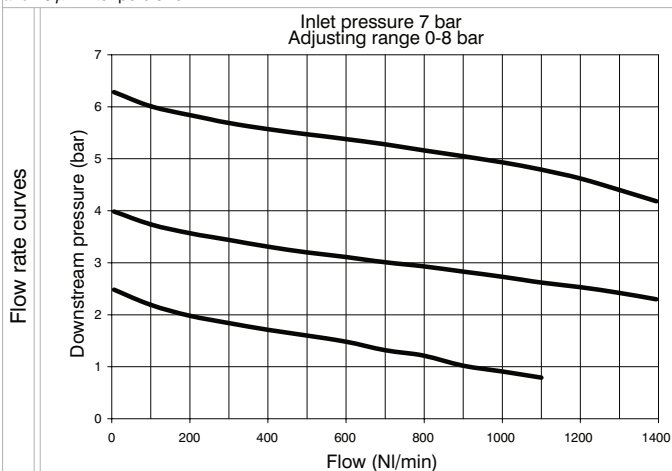
* no additional letter required



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 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 1/8" - G 1/4"
Max. inlet pressure	13 bar
Working temperature	-5°C +50°C
Weight with Technopolymer threads	gr. 518
Weight with threaded inserts	gr. 558
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	18 cm ³
Indicative oil drop rate	1 drop every 300/600 NI
Oil type	FD22 - HG32
Bowl capacity	36 cm ³
Assembly positions	Vertical
Max. fitting torque (with Technopolymer threads)	G1/4" = 9 Nm
Max. fitting torque (with threaded inserts)	G1/8" = 15 Nm G1/4" = 20 Nm
Min. operational flow at 6,3 bar	40 NI/min.

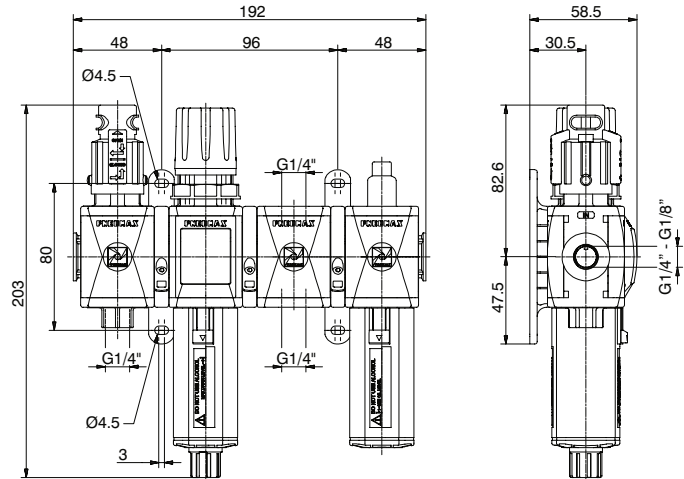
Ordering code

GV171GTS00Z

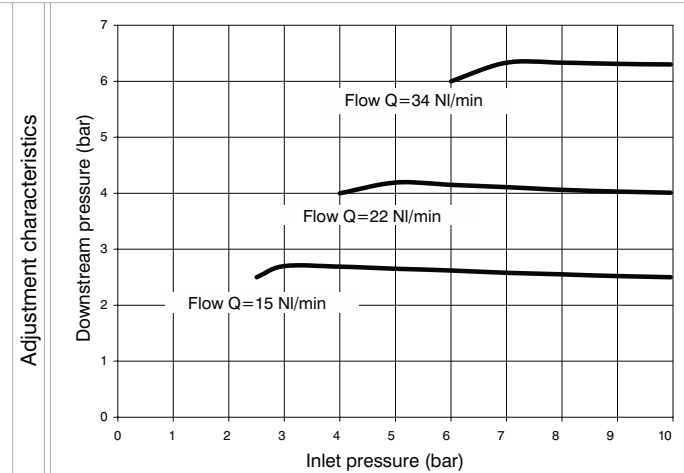
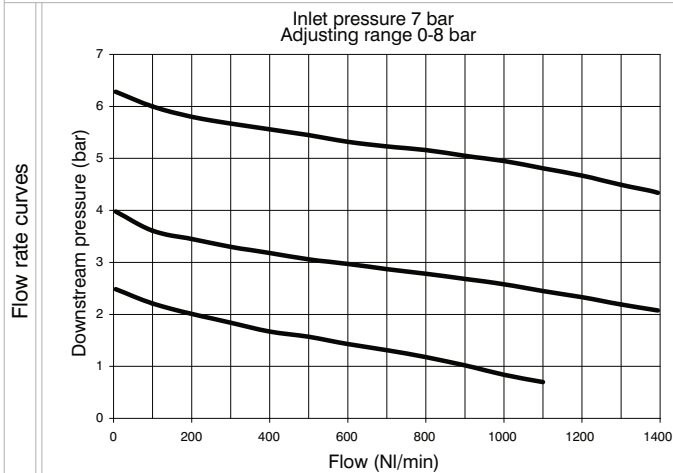
VERSION	
V	N = Metal inserts T = Technopolymer thread
CONNECTIONS	
G	A = G1/8" (only for "N" version) B = G1/4" C = 1/4 NPT (only for "N" version)
TYPE	
T	VK = Built in gauge VT = G1/8" gauge connection
FILTER PORE SIZE	
ADJUSTING RANGE	
C	D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 0-12 bar
OPTIONS	
o	= Standard *
S	= Automatic drain
FLOW DIRECTION	
D	= Standard (from left to right) W = from right to left
BOWL OPTIONS	
Z	= Standard * N = Nylon bowl

* no additional letter required

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



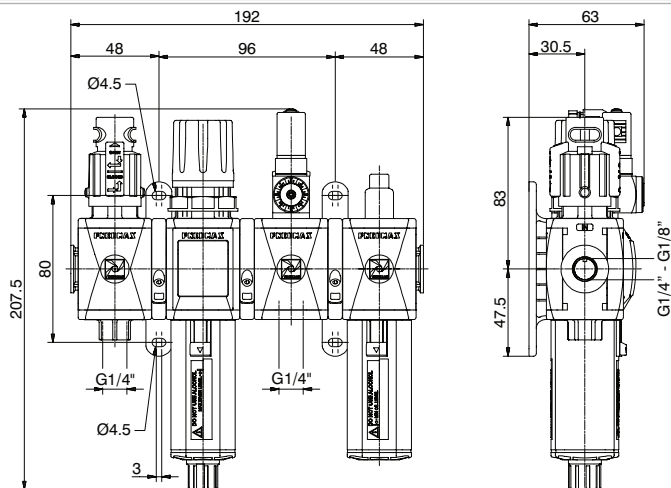
Example : GT171BVNG : size 1 combined group comprising Shut-off valve, Filter-regulator, Air intake and Lubricator Technopolymer threads, G1/4" connections 0 to 8 bar adjusting range and 20 µm filter pore size



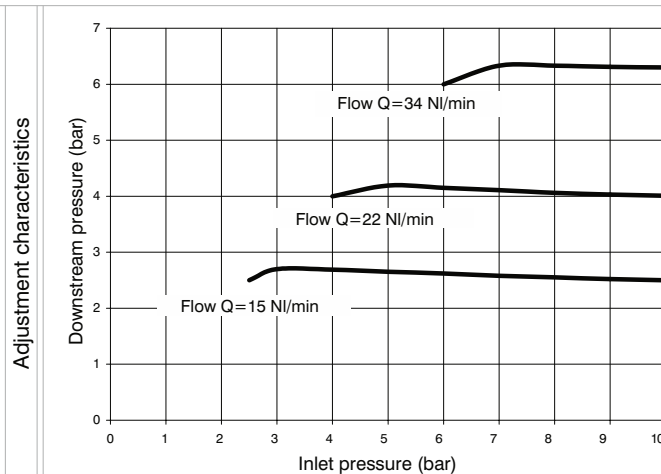
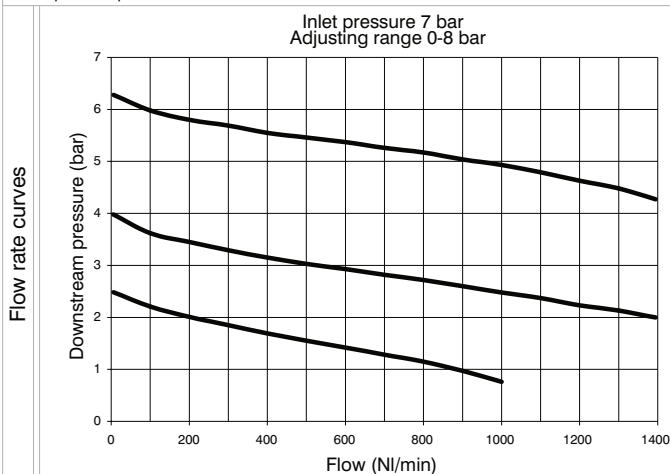
Operational characteristics	Technical characteristics		Ordering code
Combined group comprising manual shut-off valve, Filter-regulator with built in manometer, Air intake and Lubricator, assembled with two (Y) type coupling kits for panel mounting and one (X) type coupling kit.	Connections	G 1/8" - G 1/4"	GV1710TSD02
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)	Max. inlet pressure	13 bar	
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.	Working temperature	-5°C +50°C	VERSION V N = Metal inserts T = Technopolymer thread
	Weight with Technopolymer threads	gr. 510	CONNECTIONS A = G1/8" (only for "N" version) B = G1/4" C = 1/4 NPT (only for "N" version)
	Weight with threaded inserts	gr. 540	TYPE T VN = Built in gauge VP = G1/8" gauge connection
	Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	FILTER PORE SIZE ADJUSTING RANGE C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 0-12 bar
	Filter pore size	5 µm - 20 µm - 50 µm	OPTIONS = Standard * S = Automatic drain
	Bowl capacity	18 cm ³	FLOW DIRECTION = Standard D (from left to right) W = from right to left
	Indicative oil drop rate	1 drop every 300/600 NI	BOWL OPTIONS = Standard * N = Nylon bowl
	Oil type	FD22 - HG32	
	Bowl capacity	36 cm ³	
	Assembly positions	Vertical	
	Max. fitting torque (with Technopolymer threads)	G1/4" = 9 Nm	
	Max. fitting torque (with threaded inserts)	G1/8" = 15 Nm G1/4" = 20 Nm	
	Min. operational flow at 6,3 bar	40 NI/min.	

* no additional letter required

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 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 1/8" - G 1/4"
Max. inlet pressure	13 bar
Working temperature	-5°C +50°C
Weight with Technopolymer threads	gr. 596
Weight with threaded inserts	gr. 626
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	18 cm ³
Indicative oil drop rate	1 drop every 300/600 NI
Oil type	FD22 - HG32
Bowl capacity	36 cm ³
Assembly positions	Vertical
Max. fitting torque (with Technopolymer threads)	G1/4" = 9 Nm
Max. fitting torque (with threaded inserts)	G1/8" = 15 Nm G1/4" = 20 Nm
Min. operational flow at 6,3 bar	40 NI/min.

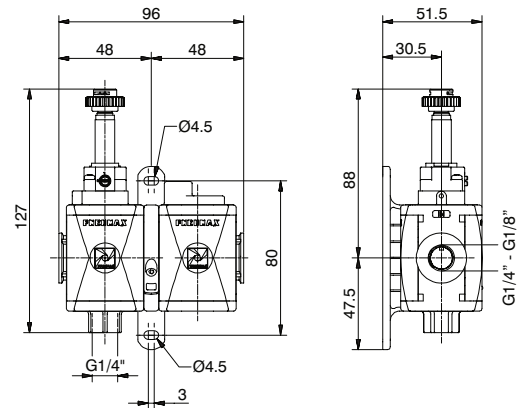
Ordering code

GV171CTSDZ

VERSION	
V	N = Metal inserts T = Technopolymer thread
CONNECTIONS	
G	A = G1/8" (only for "N" version) B = G1/4" C = 1/4 NPT (only for "N" version)
TYPE	
T	VR = Built in gauge VC = G1/8" gauge connection
FILTER PORE SIZE	
ADJUSTING RANGE	
S	C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 0-12 bar
OPTIONS	
O	= Standard *
S	= Automatic drain
FLOW DIRECTION	
D	= Standard (from left to right) W = from right to left
BOWL OPTIONS	
Z	= Standard * N = Nylon bowl

* no additional letter required

Service unit assembled (VE+AP)

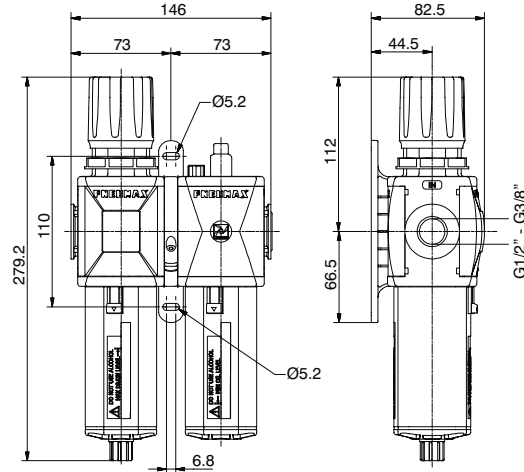


Example : GT171BSB2 : size 1 combined group comprising Electric shut-off valve, Progressive start-up valve without coil with M2 pilot Technopolymer threads, G1/4" connections

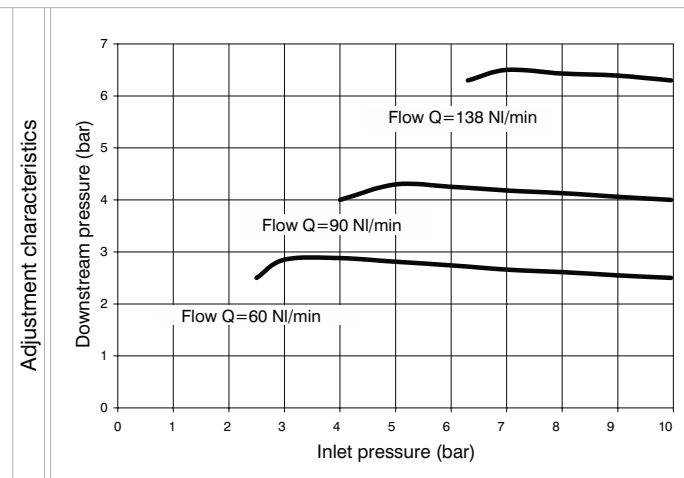
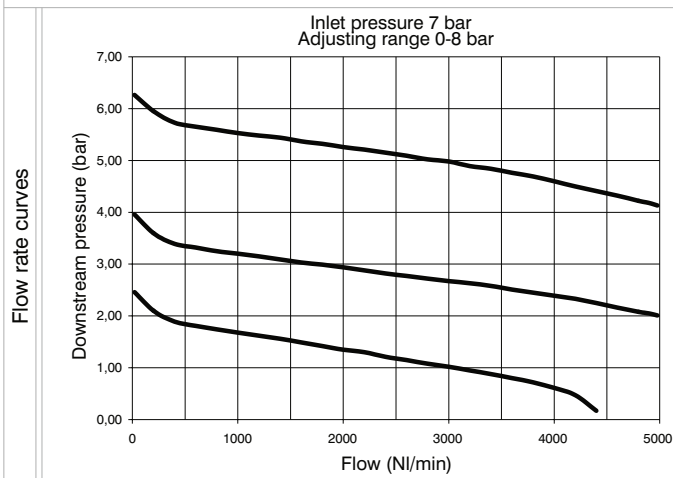
Operational characteristics	Technical characteristics		Ordering code
Combined group comprising Electric shut-off valve and Progressive start-up valve assembled with a (Y) type coupling kit for panel mounting.	Connections	G 1/8" - G 1/4"	GV171CSA
	Max. inlet pressure	10 bar	
	Min. inlet pressure	3 bar	VERSION
	Working temperature	-5°C +50°C	V N = Metal inserts T = Technopolymer thread
	Weight with Technopolymer threads	gr. 218	CONNECTIONS
	Weight with threaded inserts	gr. 238	C A = G1/8" (only for "N" version) B = G1/4" C = 1/4 NPT (only for "N" version)
	Assembly positions	Indifferent	15 mm COIL VOLTAGE
	Max. fitting torque (with Technopolymer threads)	G1/4" = 9 Nm	A4 = 12 V DC A5 = 24 V DC A6 = 24 V AC (50-60 Hz) A7 = 110 V AC (50-60 Hz) A8 = 220 V AC (50-60 Hz) A9 = 24 V DC (1 Watt)
	Max. fitting torque (with threaded inserts)	G1/8" = 15 Nm G1/4" = 20 Nm	22 mm COIL VOLTAGE B2 = Without coil M2 mechanic
	Flow at 6 bar with $\Delta p=1$	1200 NI/min.	A B4 = 12 V DC B5 = 24 V DC B6 = 24 V AC (50-60 Hz) B7 = 110 V AC (50-60 Hz) B8 = 220 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)



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

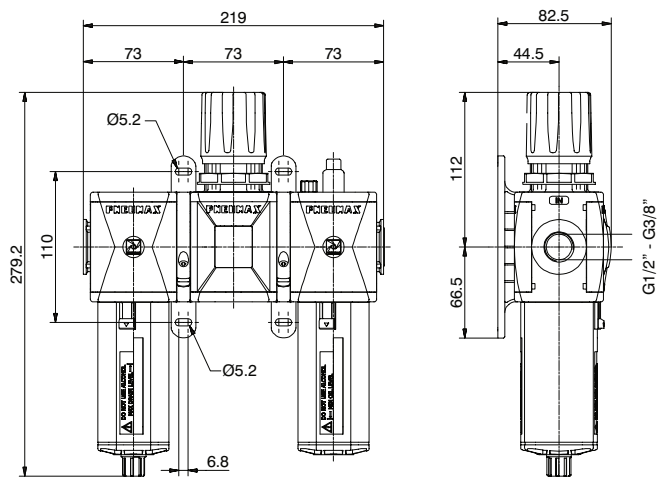
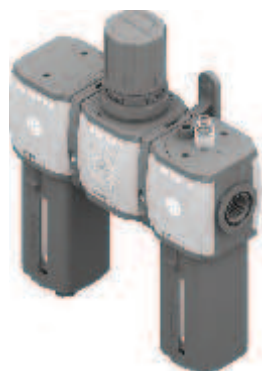


Example : GT173BHG : size 3, combined group comprising Filter-regulator and Lubricator, Technopolymer threads, G1/2" connections, 0 to 8 bar adjusting range and 20 µm filter pore size

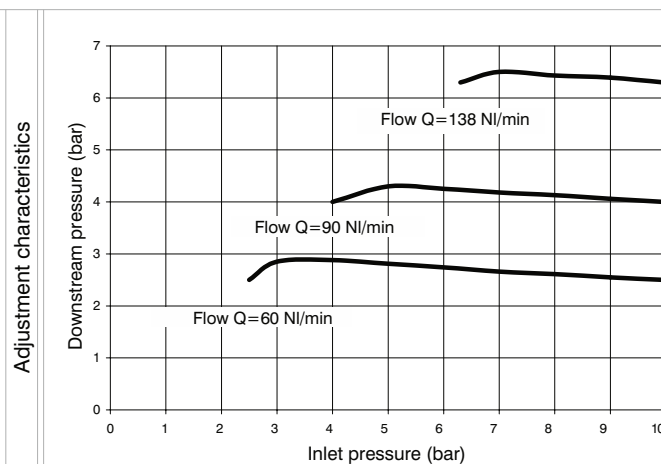
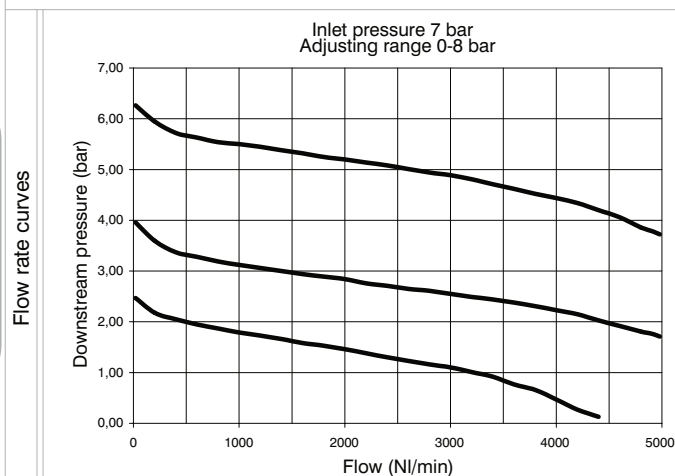


Operational characteristics	Technical characteristics		Ordering code
Combined group comprising Filter-regulator with built in manometer and Lubricator assembled with a (Y) type coupling kit for panel mounting.	Connections	G 3/8" - G 1/2"	GV1730TSD02
Integrated manometer 0-12 bar as standard (for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)	Max. inlet pressure	13 bar	
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.	Working temperature	-5°C +50°C	V VERSION N = Metal inserts T = Technopolymer thread
	Weight with Technopolymer threads	gr. 809	C CONNECTIONS A = G3/8" (only for "N" version) B = G1/2"
	Weight with threaded inserts	gr. 849	C C = 1/2 NPT (only for "N" version)
	Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	T TYPE H = Built in gauge J = G1/8" gauge connection
	Filter pore size	5 µm - 20 µm - 50 µm	S FILTER PORE SIZE ADJUSTING RANGE C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 0-12 bar
	Bowl capacity	68 cm ³	O 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
	Indicative oil drop rate	1 drop every 300/600 NI	D FLOW DIRECTION = Standard (from left to right) W = from right to left
	Oil type	FD22 - HG32	Z BOWL OPTIONS = Standard * N = Nylon bowl
	Bowl capacity	136 cm ³	* no additional letter required
	Assembly positions	Vertical	
	Max. fitting torque (with Technopolymer threads)	G1/2" = 22 Nm	
	Max. fitting torque (with threaded inserts)	G3/8" = 25 Nm G1/2" = 30 Nm	
	Min. operational flow at 6,3 bar	100 NI/min.	

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
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
Max. fitting torque (with Technopolymer threads)	G1/2" = 22 Nm
Max. fitting torque (with threaded inserts)	G3/8" = 25 Nm G1/2" = 30 Nm
Min. operational flow at 6,3 bar	100 NI/min.

Ordering code

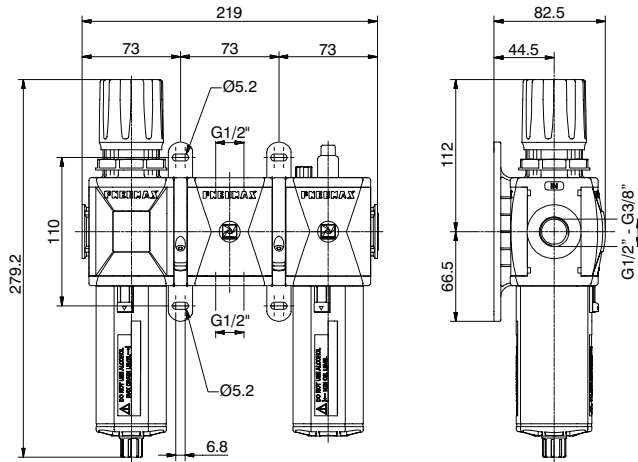
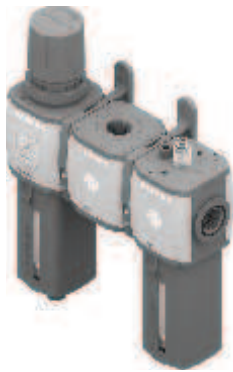
GV173CTSDZ

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	K = Built in gauge T = G1/8" gauge connection
FILTER PORE SIZE	C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 0-12 bar
ADJUSTING RANGE	
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	Z = Standard * N = Nylon bowl

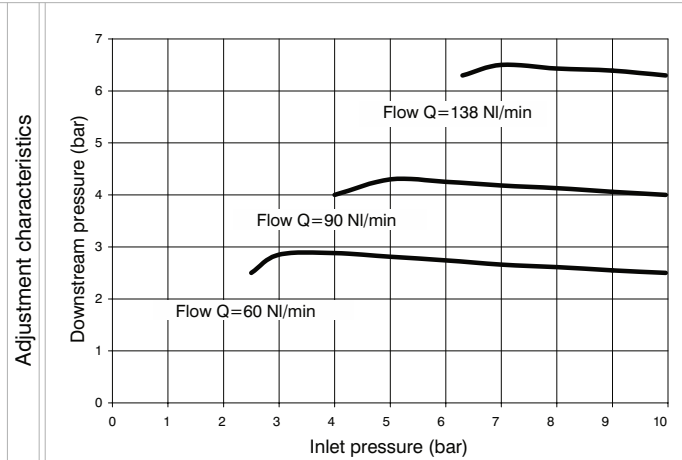
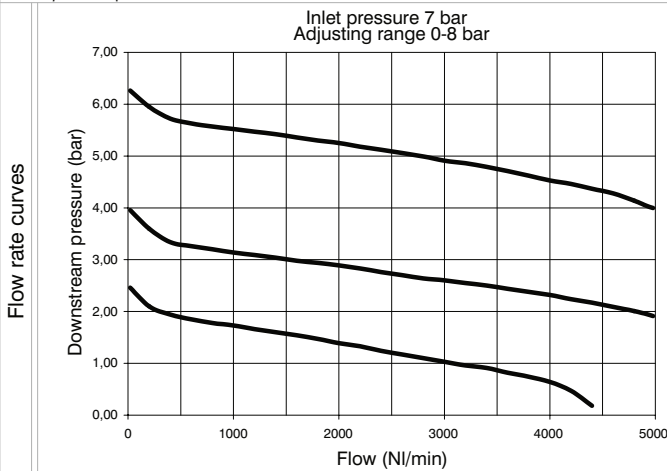
* no additional letter required



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 µm 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
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
Max. fitting torque (with Technopolymer threads)	G1/2" = 22 Nm
Max. fitting torque (with threaded inserts)	G3/8" = 25 Nm G1/2" = 30 Nm

Min. operational flow at 6,3 bar 100 NI/min.

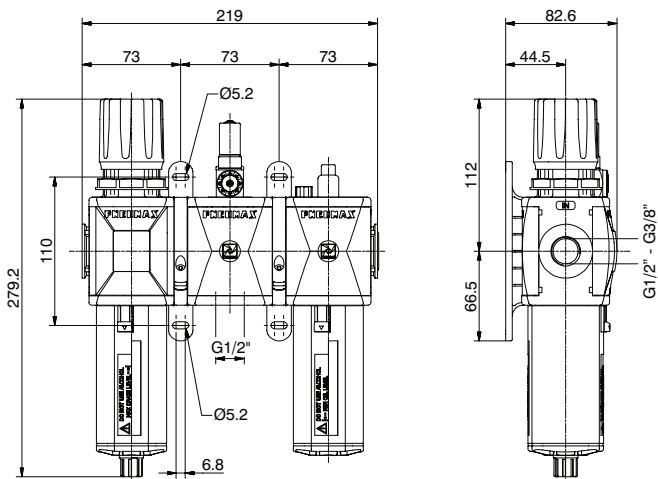
Ordering code

GV1730TSD0Z

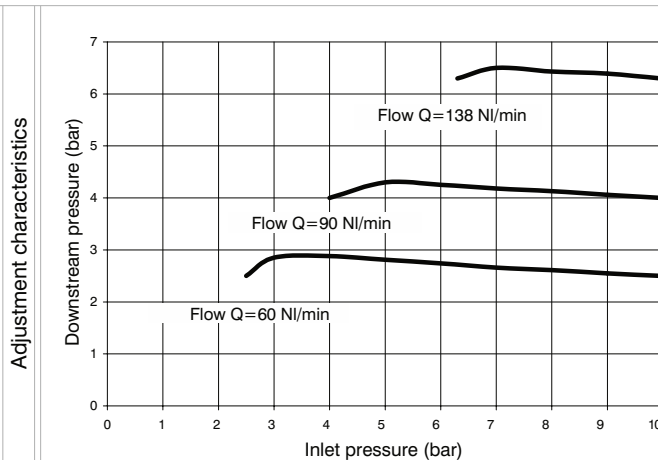
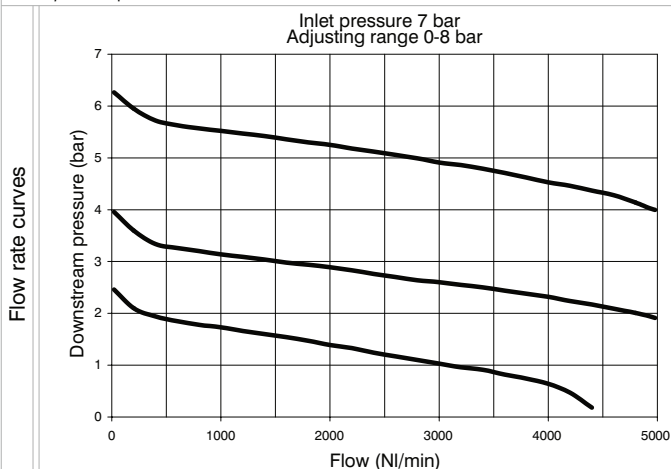
V	VERSION N = Metal inserts T = Technopolymer thread
C	CONNECTIONS A = G3/8" (only for "N" version) B = G1/2" C = 1/2 NPT (only for "N" version)
T	TYPE N = Built in gauge P = G1/8" gauge connection
S	FILTER PORE SIZE ADJUSTING RANGE C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 0-12 bar
O	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
D	FLOW DIRECTION = Standard (from left to right) W = from right to left
Z	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



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)

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. 1083
Weight with threaded inserts	gr. 1123
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
Max. fitting torque (with Technopolymer threads)	G1/2" = 22 Nm
Max. fitting torque (with threaded inserts)	G3/8" = 25 Nm G1/2" = 30 Nm

Min. operational flow at 6,3 bar

100 NI/min.

Ordering code

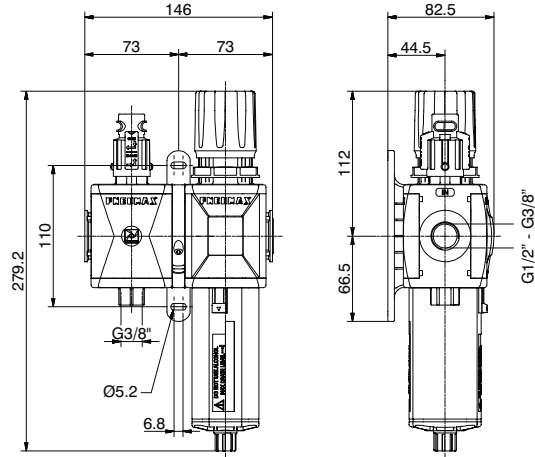
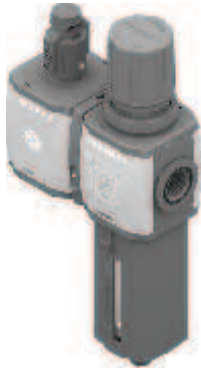
GV173GTS0DZ

- VERSION
- V** N = Metal inserts
- T = Technopolymer thread
- CONNECTIONS
- G** A = G3/8" (only for "N" version)
- B = G1/2"
- C = 1/2 NPT (only for "N" version)
- TYPE
- T** R = Built in gauge
- C = G1/8" gauge connection
- FILTER PORE SIZE
- ADJUSTING RANGE
- S** C = 5 µm / 0-8 bar
- D = 5 µm / 0-12 bar
- G = 20 µm / 0-8 bar
- H = 20 µm / 0-12 bar
- N = 50 µm / 0-8 bar
- P = 50 µm / 0-12 bar
- OPTIONS
- = Standard *
- O** 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
- D** = Standard (from left to right)
- W = from right to left
- BOWL OPTIONS
- Z** = Standard *
- N = Nylon bowl

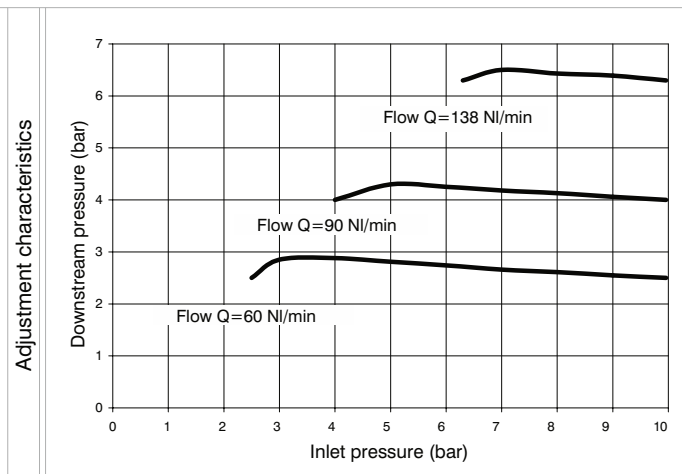
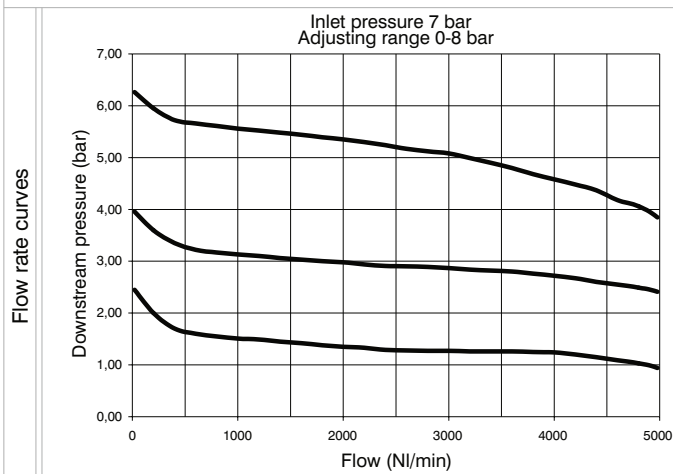
* no additional letter required



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



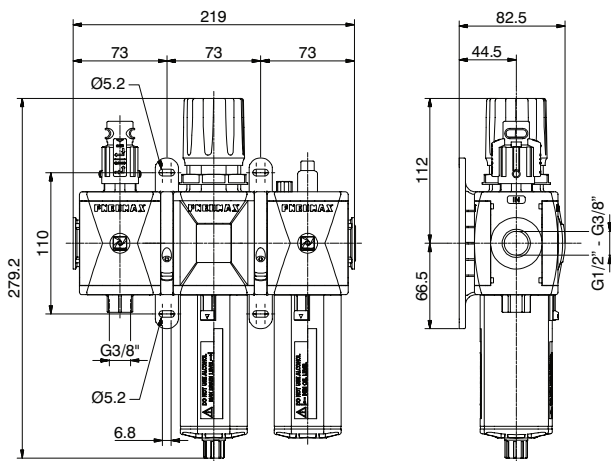
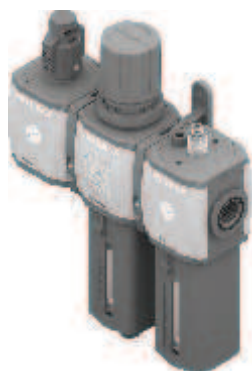
Example : GT173BVGG : size 3 combined group comprising Shut-off valve, Filter-regulator Technopolymer threads, G1/2" connections 0 to 8 bar adjusting range and 20 µm filter pore size



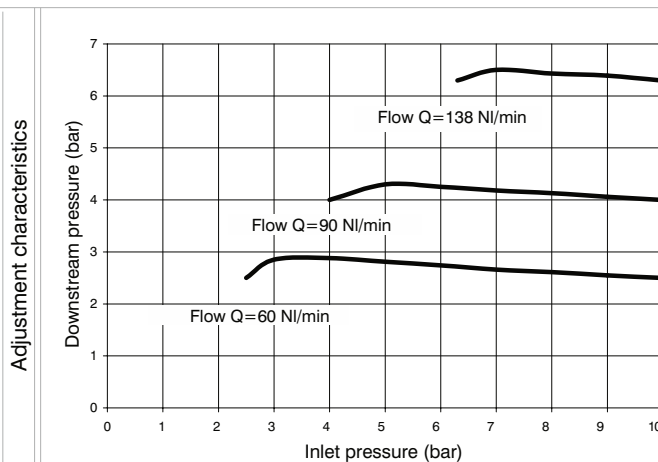
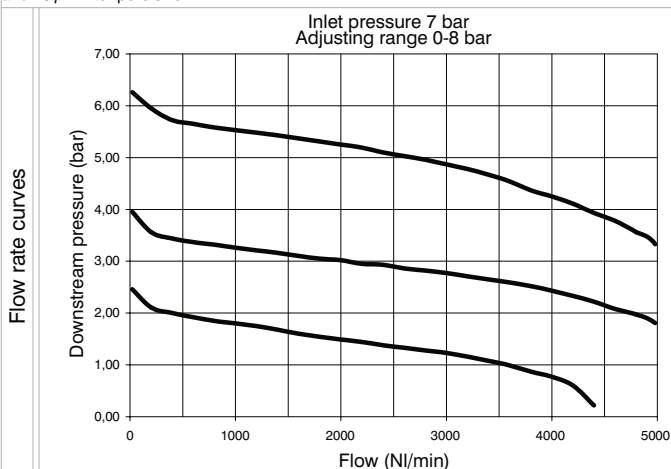
Operational characteristics	Technical characteristics		Ordering code
Combined group comprising manual shut-off valve, Filter - regulator with built in manometer, assembled with one (Y) type coupling kit for panel mountings.	Connections	G 3/8" - G 1/2"	GV1730TSD0Z
Integrated manometer 0-12 bar as standard (for 0-8 and 0-12 bar range) and 0-4 bar (for 0-2 and 0-4 range)	Max. inlet pressure	13 bar	
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.	Working temperature	-5°C +50°C	VERSION
	Weight with Technopolymer threads	gr. 749	V = Metal inserts
	Weight with threaded inserts	gr. 789	T = Technopolymer thread
	Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	CONNECTIONS
	Filter pore size	5 µm - 20 µm - 50 µm	A = G3/8" (only for "N" version)
	Bowl capacity	68 cm ³	B = G1/2"
	Indicative oil drop rate	1 drop every 300/600 NI	C = 1/2 NPT (only for "N" version)
	Oil type	FD22 - HG32	TYPE
	Bowl capacity	136 cm ³	T = VG = Built in gauge
	Assembly positions	Vertical	VU = G1/8" gauge connection
	Max. fitting torque (with Technopolymer threads)	G1/2" = 22 Nm	FILTER PORE SIZE
	Max. fitting torque (with threaded inserts)	G3/8" = 25 Nm G1/2" = 30 Nm	ADJUSTING RANGE
	Min. operational flow at 6,3 bar	100 NI/min.	C = 5 µm / 0-8 bar
			D = 5 µm / 0-12 bar
			G = 20 µm / 0-8 bar
			H = 20 µm / 0-12 bar
			N = 50 µm / 0-8 bar
			P = 50 µm / 0-12 bar
			OPTIONS
			= Standard *
			S = Automatic drain
			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+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 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 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"
Max. inlet pressure	13 bar
Working temperature	-5°C +50°C
Weight with Technopolymer threads	gr. 1078
Weight with threaded inserts	gr. 1138
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
Max. fitting torque (with Technopolymer threads)	G1/2" = 22 Nm
Max. fitting torque (with threaded inserts)	G3/8" = 25 Nm G1/2" = 30 Nm
Min. operational flow at 6,3 bar	100 NI/min.

Ordering code

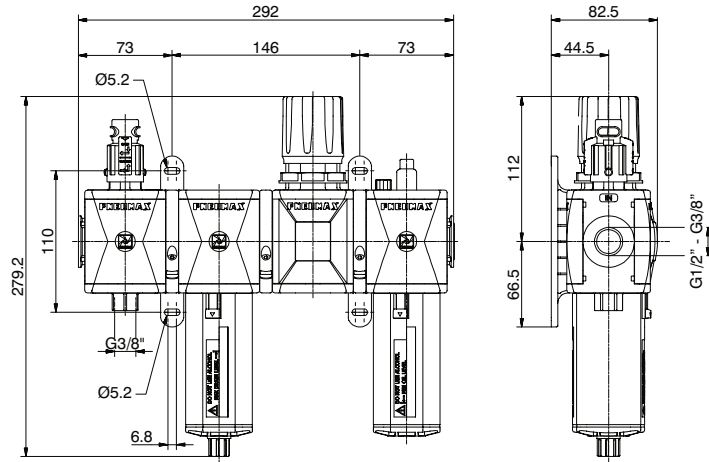
GV173GTS0DZ

VERSION	
V	N = Metal inserts T = Technopolymer thread
CONNECTIONS	
G	A = G3/8" (only for "N" version) B = G1/2" C = 1/2 NPT (only for "N" version)
TYPE	
T	VH = Built in gauge VJ = G1/8" gauge connection
FILTER PORE SIZE	
ADJUSTING RANGE	
S	C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 0-12 bar
OPTIONS	
	= Standard *
O	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	
D	= Standard (from left to right) W = from right to left
BOWL OPTIONS	
Z	= Standard * N = Nylon bowl

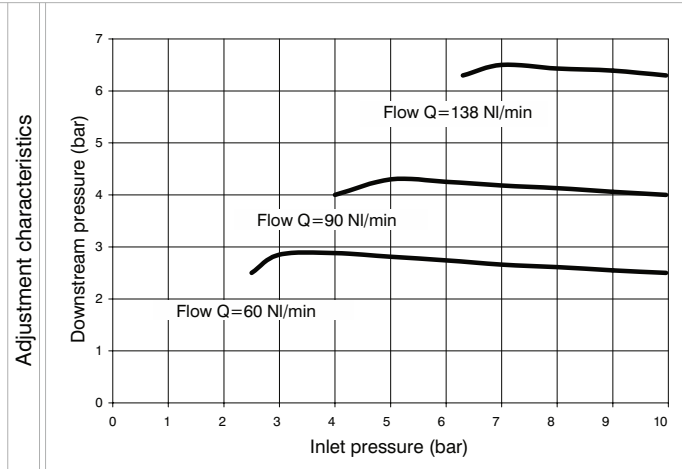
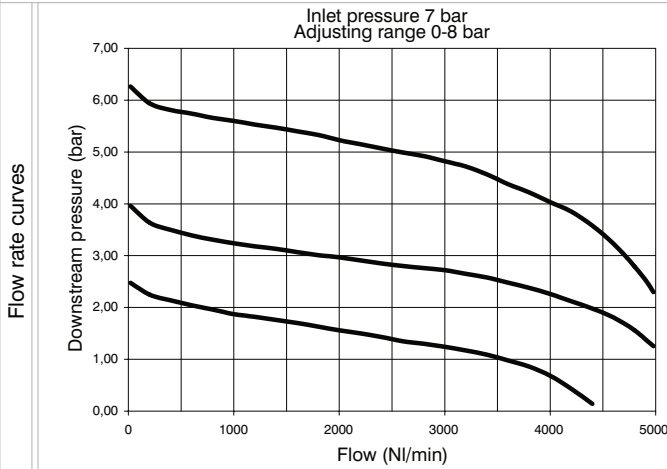
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Service unit assembled (VL+F+RM+L) (VL+F+R+L) (VL+F+RW+L)

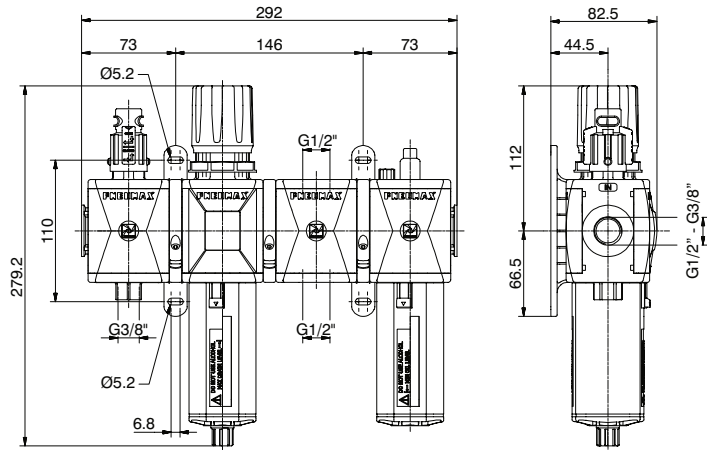
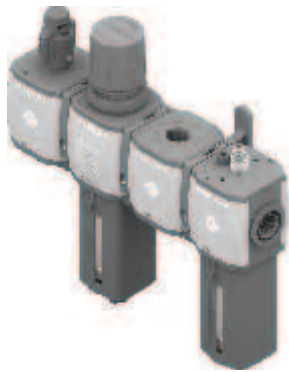


Example : GT173BVKG : size 3 combined group comprising Shut-off valve, Filter, Regulator and Lubricator Technopolymer threads, G1/2" connections 0 to 8 bar adjusting range and 20 µm filter pore size

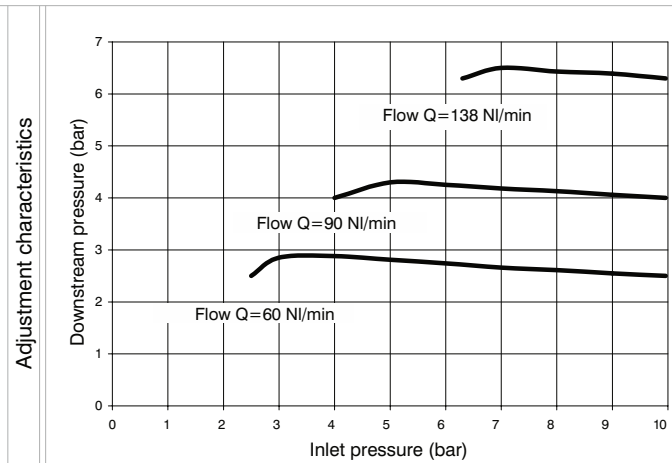
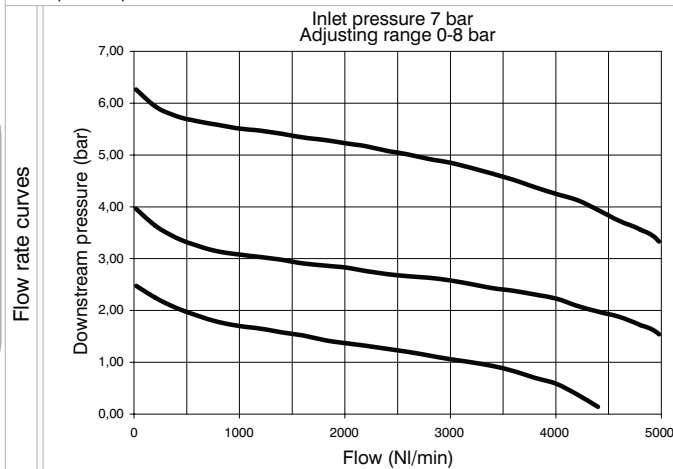


Operational characteristics	Technical characteristics		Ordering code
Combined group comprising Manual shut-off valve, Filter, Regulator with built in manometer and Lubricator , assembled with two (Y) type coupling kits for panel mounting and one (X) type coupling kit.	Connections	G 3/8" - G 1/2"	GV1730TSD0Z
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)	Max. inlet pressure	13 bar	
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.	Working temperature	-5°C +50°C	VERSION
	Weight with Technopolymer threads	gr. 1308	V N = Metal inserts
	Weight with threaded inserts	gr. 1388	T = Technopolymer thread
	Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	CONNECTIONS
	Filter pore size	5 µm - 20 µm - 50 µm	A = G3/8" (only for "N" version)
	Bowl capacity	68 cm ³	B = G1/2"
	Indicative oil drop rate	1 drop every 300/600 NI	C = 1/2 NPT (only for "N" version)
	Oil type	FD22 - HG32	TYPE
	Bowl capacity	136 cm ³	T VK = Built in gauge VT = G1/8" gauge connection
	Assembly positions	Vertical	FILTER PORE SIZE
	Max. fitting torque (with Technopolymer threads)	G1/2" = 22 Nm	ADJUSTING RANGE
	Max. fitting torque (with threaded inserts)	G3/8" = 25 Nm G1/2" = 30 Nm	C = 5 µm / 0-8 bar
			D = 5 µm / 0-12 bar
			G = 20 µm / 0-8 bar
			H = 20 µm / 0-12 bar
			N = 50 µm / 0-8 bar
			P = 50 µm / 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
			= Standard (from left to right)
			D W = from right to left
			BOWL OPTIONS
			Z = Standard *
			N = Nylon bowl
	Min. operational flow at 6,3 bar	100 NI/min.	* no additional letter required

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 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 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
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
Max. fitting torque (with Technopolymer threads)	G1/2" = 22 Nm
Max. fitting torque (with threaded inserts)	G3/8" = 25 Nm G1/2" = 30 Nm

Min. operational flow at 6,3 bar	100 NI/min.
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Ordering code

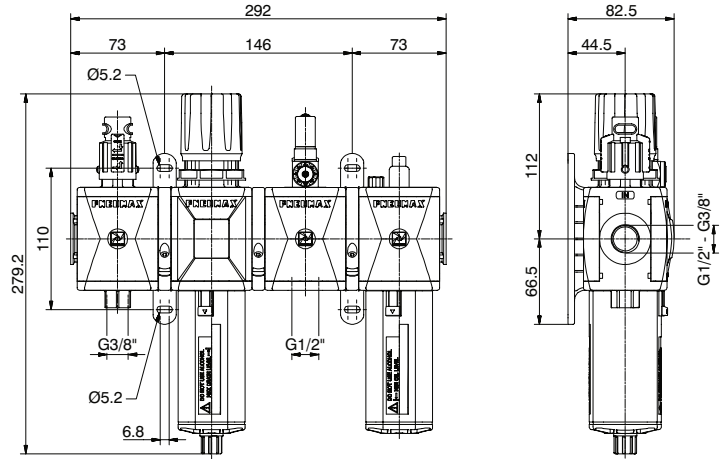
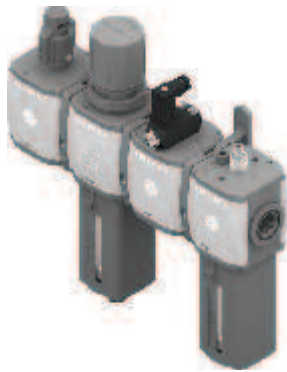
GV173GTS0DZ

VERSION	
V 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	
T VN = Built in gauge	
VP = G1/8" gauge connection	
FILTER PORE SIZE	
ADJUSTING RANGE	
C = 5 µm / 0-8 bar	
D = 5 µm / 0-12 bar	
G = 20 µm / 0-8 bar	
H = 20 µm / 0-12 bar	
N = 50 µm / 0-8 bar	
P = 50 µm / 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	
= Standard (from left to right)	
W = from right to left	
BOWL OPTIONS	
Z = Standard *	
N = Nylon bowl	

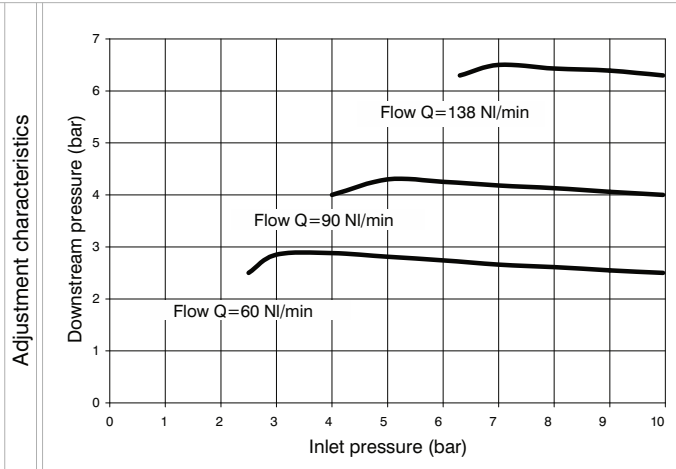
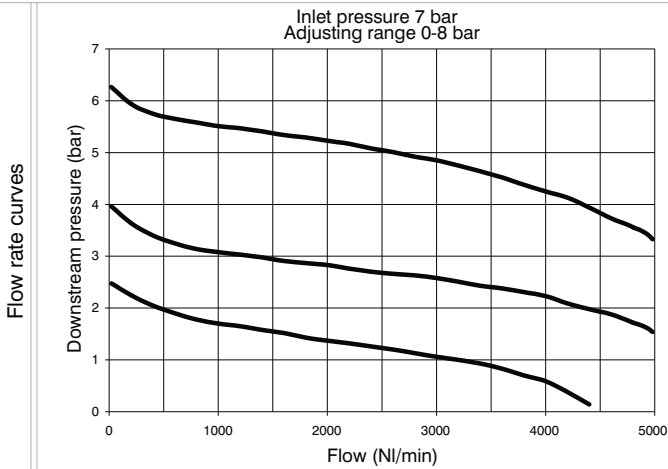
* no additional letter required



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

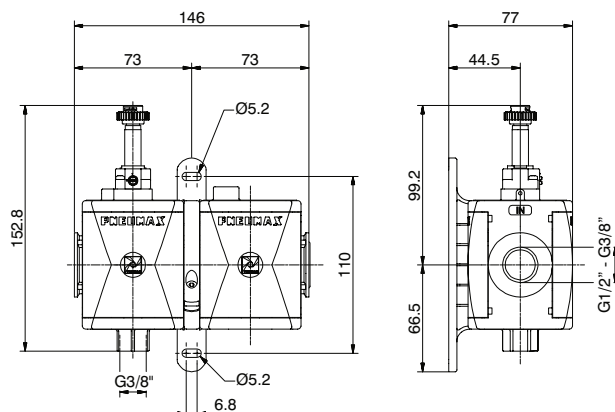


Example : GT173BVRG : size 3 combined group comprising Shut-off valve, Filter-regulator, Pressure switch and Lubricator Technopolymer threads, G1/2" connections adjusting range 0 to 8 bar and 20 µm filter pore size



Operational characteristics	Technical characteristics		Ordering code
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.	Connections	G 3/8" - G 1/2"	GV1730TSD0Z
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)	Max. inlet pressure	13 bar	
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.	Working temperature	-5°C +50°C	VERSION N = Metal inserts T = Technopolymer thread
	Weight with Technopolymer threads	gr. 1333	CONNECTIONS A = G3/8" (only for "N" version) B = G1/2"
	Weight with threaded inserts	gr. 1393	C = 1/2 NPT (only for "N" version)
	Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	TYPE VR = Built in gauge VC = G1/8" gauge connection
	Filter pore size	5 µm - 20 µm - 50 µm	FILTER PORE SIZE ADJUSTING RANGE C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 0-12 bar
	Bowl capacity	68 cm ³	OPTIONS = Standard * A = Min.oil level indicator NO C = Min.oil level indicator NC
	Indicative oil drop rate	1 drop every 300/600 NI	S = Automatic drain SA = Automatic drain + Min.oil level indicator NO SC = Automatic drain + Min.oil level indicator NC
	Oil type	FD22 - HG32	FLOW DIRECTION = Standard (from left to right) W = from right to left
	Bowl capacity	136 cm ³	BOWL OPTIONS = Standard * N = Nylon bowl
	Assembly positions	Vertical	* no additional letter required
Max. fitting torque (with Technopolymer threads)	G1/2" = 22 Nm		
Max. fitting torque (with threaded inserts)	G3/8" = 25 Nm G1/2" = 30 Nm		
Min. operational flow at 6,3 bar	100 NI/min.		

Service unit assembled (VE+AP)

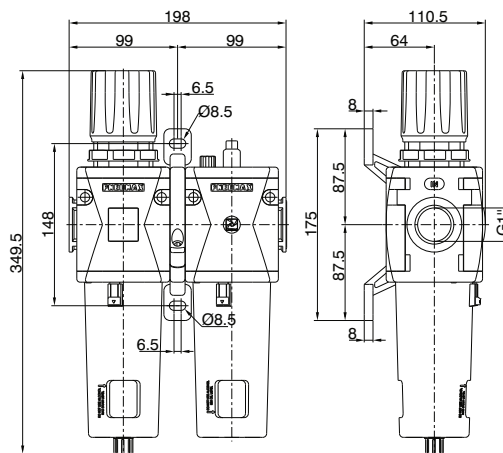
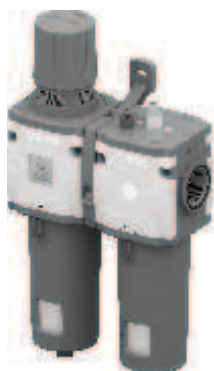


Example : GT173BSB2 : size 3 combined group comprising Electric shut-off valve, Progressive start-up valve without coil with M2 pilot Technopolymer threads, G1/2" connections

Operational characteristics	Technical characteristics		Ordering code
Combined group comprising Electric shut - off valve and Progressive start-up valve assembled with a (Y) type coupling kit for panel mounting.	Connections	G 3/8" - G 1/2"	GV173CSA 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) 15 mm COIL VOLTAGE A4 = 12 V DC A5 = 24 V DC A6 = 24 V AC (50-60 Hz) 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 A B4 = 12 V DC B5 = 24 V DC B6 = 24 V AC (50-60 Hz) B7 = 110 V AC (50-60 Hz) B8 = 220 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)
	Max. inlet pressure	10 bar	
	Min. inlet pressure	2.5 bar	
	Working temperature	-5°C +50°C	
	Weight with Technopolymer threads	gr. 549	
	Weight with threaded inserts	gr. 589	
	Assembly positions	Indifferent	
	Max. fitting torque (with Technopolymer threads)	G1/2" = 22 Nm	
	Max. fitting torque (with threaded inserts)	G3/8" = 25 Nm G1/2" = 30 Nm	
	Flow at 6 bar with Δp=1	2800 NI/min.	

3

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



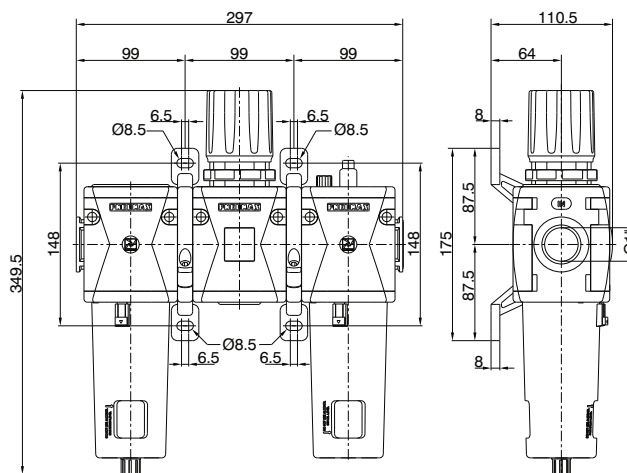
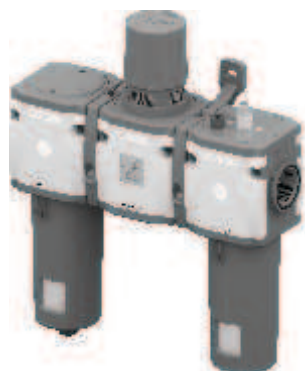
Example : GN174BHG : size 4, combined group comprising Filter-regulator and Lubricator, G1" connections, 0 to 8 bar adjusting range and 20 µm filter pore size

Operational characteristics	Technical characteristics		Ordering code
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) 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	G1"	GN174B T S O O Z
	Max. inlet pressure	13 bar	
	Working temperature	-5°C +50°C	TYPE ① H = Built in gauge J = G1/8" gauge connection
	Weight	2585 (gr)	FILTER PORE SIZE ADJUSTING RANGE C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 0-12 bar
	Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	⑤ S = Automatic drain SA = Automatic drain + Min.oil level indicator NO SC = Automatic drain + Min.oil level indicator NC
	Filter pore size	5 µm - 20 µm - 50 µm	OPTIONS = Standard * A = Min.oil level indicator NO C = Min.oil level indicator NC
	Bowl capacity	90 cm ³	⑥ S = Automatic drain SA = Automatic drain + Min.oil level indicator NO SC = Automatic drain + Min.oil level indicator NC
	Indicative oil drop rate	1 drop every 300/600 NI	FLOW DIRECTION = Standard * ⑦ D = (from left to right) W = from right to left
	Oil type	FD22 - HG32	BOWL OPTIONS = Standard * ⑧ Z = Nylon bowl
	Bowl capacity	360 cm ³	
	Assembly positions	Vertical	
	Min. operational flow rate at 6,3 bar	100 dm ³ /min. (ANR)	
	Wall fixing screw	M8	

* no additional letter required

3

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



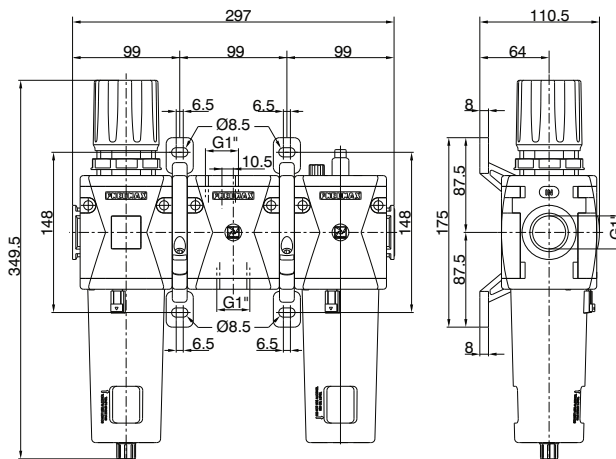
Example : GN174BKG : size 4 combined group comprising Filter, Regulator and Lubricator, G1" connections, 0 to 8 bar adjusting range and 20 µm filter pore size

Operational characteristics	Technical characteristics		Ordering code	
<p>Combined group comprising Filter, Regulator with built in manometer and Lubricator assembled with two (Y) type coupling kits for panel mounting.</p> <p>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)</p> <p>Note</p> <p>The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended.</p>	Connections	G1"	GN174B T S O O Z	
	Max. inlet pressure	13 bar		T
	Working temperature	-5°C +50°C	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	S
	Weight	3640 (gr)		O
	Pressure range	5 µm - 20 µm - 50 µm	90 cm ³	O
	Filter pore size	90 cm ³		Z
	Bowl capacity	1 drop every 300/600 NI	Vertical	A
	Indicative oil drop rate	FD22 - HG32		C
	Oil type	360 cm ³	100 dm ³ /min. (ANR)	S
	Bowl capacity	360 cm ³		SA
Assembly positions	Vertical	M8	SC	
Min. operational flow rate at 6,3 bar	100 dm ³ /min. (ANR)		W	
Wall fixing screw			N	

* no additional letter required



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

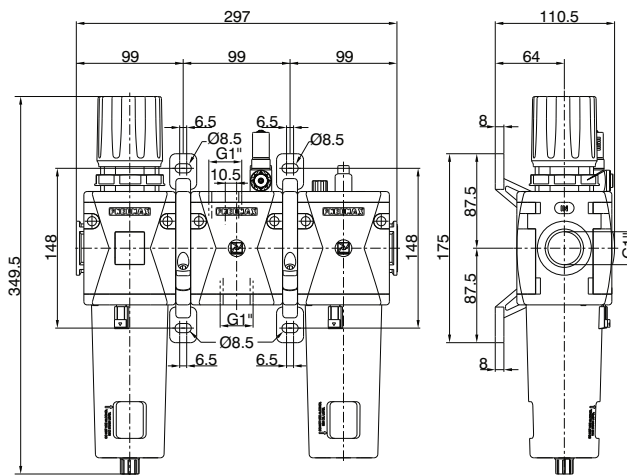


Example : GN174BNG : size 4 combined group comprising Filter-regulator, Air intake and Lubricator, G1" connections, 0 to 8 bar adjusting range and 20 µm filter pore size

Operational characteristics	Technical characteristics		Ordering code
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.	Connections	G1"	GN174B1S00Z TYPE ① N = Built in gauge P = G1/8" gauge connection FILTER PORE SIZE ADJUSTING RANGE C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 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 = Standard * ① (from left to right) W = from right to left BOWL OPTIONS ② = Standard * N = Nylon bowl * no additional letter required
	Max. inlet pressure	13 bar	
	Working temperature	-5°C +50°C	
	Weight	3425 (gr)	
	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	90 cm ³	
	Indicative oil drop rate	1 drop every 300/600 NI	
	Oil type	FD22 - HG32	
	Bowl capacity	360 cm ³	
Assembly positions	Vertical		
Min. operational flow rate at 6,3 bar	100 dm ³ /min. (ANR)		
Wall fixing screw	M8		

3

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 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)

Note

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

Technical characteristics

Connections	G1"
Max. inlet pressure	13 bar
Working temperature	-5°C +50°C
Weight	3505 (gr)
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	90 cm ³
Indicative oil drop rate	1 drop every 300/600 NI
Oil type	FD22 - HG32
Bowl capacity	360 cm ³
Assembly positions	Vertical
Min. operational flow rate at 6,3 bar	100 dm ³ /min. (ANR)
Wall fixing screw	M8

Ordering code

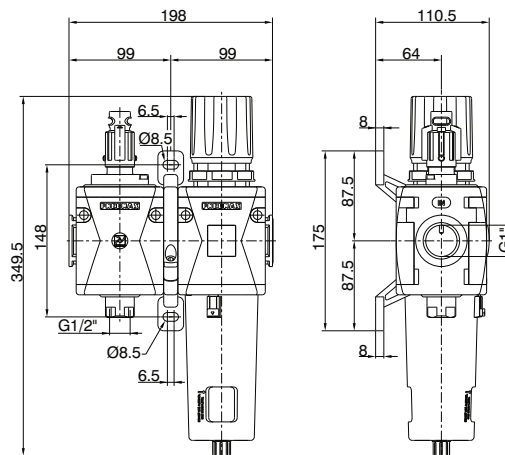
GN174B **T** **S** **O** **O** **Z**

T	TYPE R = Built in gauge C = G1/8" gauge connection
S	FILTER PORE SIZE ADJUSTING RANGE C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 0-12 bar
O	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
D	FLOW DIRECTION = Standard * (from left to right) W = from right to left
Z	BOWL OPTIONS = Standard * N = Nylon bowl

* no additional letter required



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



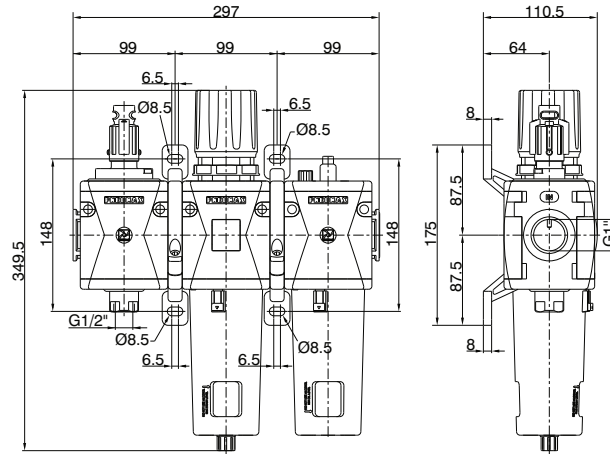
Example : GN174BVG : size 4 combined group comprising Shut-off valve and Filter-regulator, G1" connections 0 to 8 bar adjusting range and 20 µm filter pore size

Operational characteristics	Technical characteristics		Ordering code
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)	Connections	G1"	GN174B
	Max. inlet pressure	13 bar	
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.	Working temperature	-5°C +50°C	T
	Weight	2660 (gr)	V
	Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	S
	Filter pore size	5 µm - 20 µm - 50 µm	C
	Bowl capacity	90 cm ³	D
	Indicative oil drop rate	1 drop every 300/600 NI	G
	Oil type	FD22 - HG32	H
	Bowl capacity	360 cm ³	N
	Assembly positions	Vertical	P
			O
			S
			F
			D
			W
			B
			Z
			N
	Wall fixing screw	M8	

* no additional letter required



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

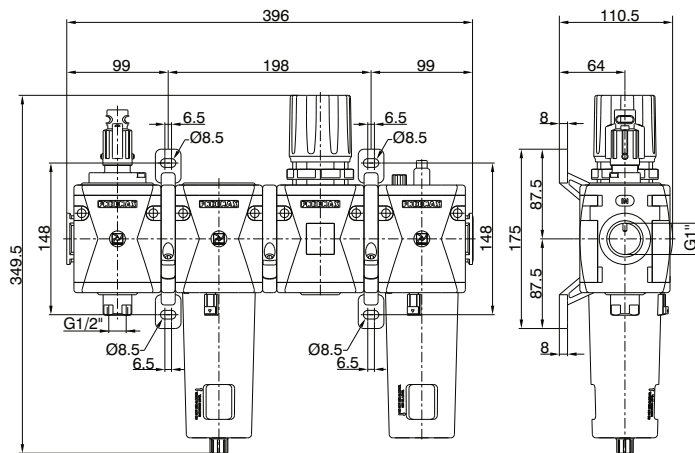


Example : GN174BVHG : Size 4 Combined group comprising Shut-off valve, Filter-regulator and Lubricator, G1" connections 0 to 8 bar adjusting range and 20 µm filter pore size

Operational characteristics	Technical characteristics		Ordering code
<p>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.</p> <p>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)</p> <p>Note</p> <p>The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended.</p>	Connections	G1"	<p>GN174B T S O O Z</p> <p>T TYPE</p> <p>VH = Built in gauge VJ = G1/8" gauge connection</p> <p>S FILTER PORE SIZE</p> <p>ADJUSTING RANGE</p> <p>C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 0-12 bar</p> <p>OPTIONS</p> <p>= Standard *</p> <p>A = Min.oil level indicator NO C = Min.oil level indicator NC</p> <p>O S = Automatic drain SA = Automatic drain + Min.oil level indicator NO SC = Automatic drain + Min.oil level indicator NC</p> <p>D FLOW DIRECTION</p> <p>= Standard * (from left to right) W = from right to left</p> <p>Z BOWL OPTIONS</p> <p>= Standard * N = Nylon bowl</p>
	Max. inlet pressure	13 bar	
	Working temperature	-5°C +50°C	
	Weight	3805 (gr)	
	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	90 cm ³	
	Indicative oil drop rate	1 drop every 300/600 NI	
	Oil type	FD22 - HG32	
	Bowl capacity	360 cm ³	
Assembly positions	Vertical		
Min. operational flow rate at 6,3 bar	100 dm ³ /min. (ANR)		
Wall fixing screw	M8		

* no additional letter required

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

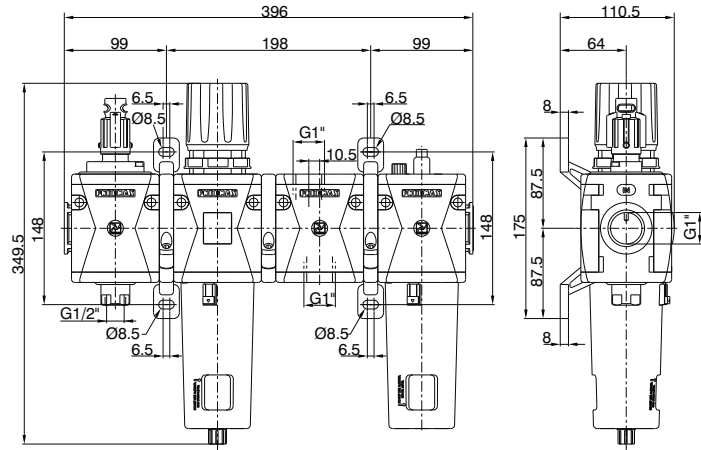
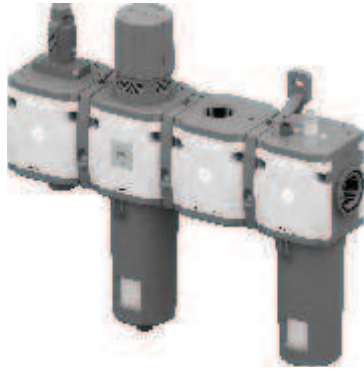


Example : GN174BVKG : size 4 combined group comprising Shut-off valve, Filter, Regulator and Lubricator, G1" connections 0 to 8 bar adjusting range and 20 µm filter pore size

Operational characteristics	Technical characteristics		Ordering code
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)	Connections	G1"	GN174B T S 00Z
	Max. inlet pressure	13 bar	
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.	Working temperature	-5°C +50°C	TYPE ① VK = Built in gauge VT = G1/8" gauge connection
	Weight	4830 (gr)	
	Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	FILTER PORE SIZE ADJUSTING RANGE C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 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 = Standard * ① (from left to right) W = from right to left BOWL OPTIONS = Standard * ② N = Nylon bowl
	Filter pore size	5 µm - 20 µm - 50 µm	
	Bowl capacity	90 cm ³	
	Indicative oil drop rate	1 drop every 300/600 NI	
	Oil type	FD22 - HG32	
	Bowl capacity	360 cm ³	
	Assembly positions	Vertical	
	Min. operational flow rate at 6,3 bar	100 dm ³ /min. (ANR)	
	Wall fixing screw	M8	

* no additional letter required

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



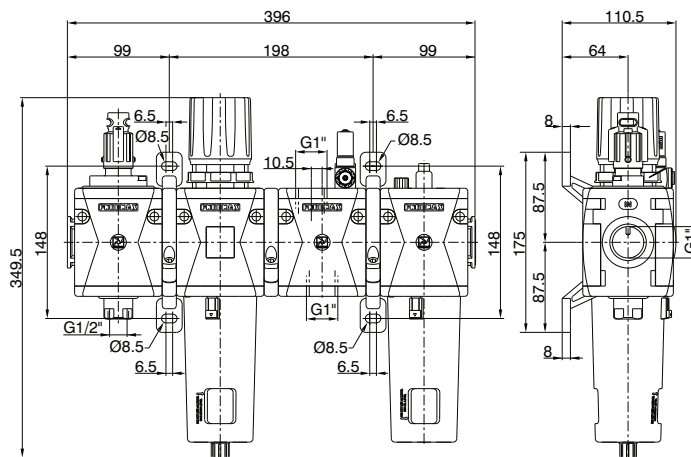
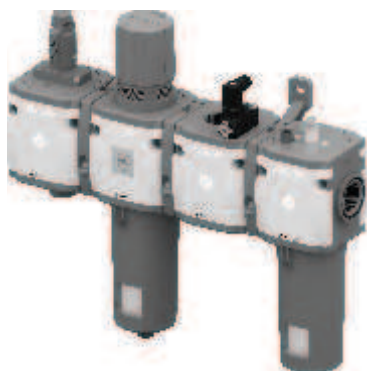
Example : GN174BVNG : size 4 combined group comprising Shut-off valve, Filter-regulator, Air intake and Lubricator, G1" connections 0 to 8 bar adjusting range and 20 µm filter pore size

Operational characteristics	Technical characteristics		Ordering code
<p>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.</p> <p>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)</p> <p>Note</p> <p>The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended.</p>	Connections	G1"	<p>GN174B T S O O Z</p>
	Max. inlet pressure	13 bar	
Working temperature	-5°C +50°C		<p>S</p> <p>TYPE</p> <p>VN = Built in gauge VP = G1/8" gauge connection</p>
Weight	4615 (gr)		<p>ADJUSTING RANGE</p> <p>C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 0-12 bar</p>
Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar		<p>OPTIONS</p> <p>= Standard *</p> <p>A = Min.oil level indicator NO C = Min.oil level indicator NC</p>
Filter pore size	5 µm - 20 µm - 50 µm		<p>O</p> <p>S = Automatic drain SA = Automatic drain + Min.oil level indicator NO SC = Automatic drain + Min.oil level indicator NC</p>
Bowl capacity	90 cm ³		<p>FLOW DIRECTION</p> <p>= Standard * (from left to right)</p> <p>D</p> <p>W = from right to left</p>
Indicative oil drop rate	1 drop every 300/600 NI		<p>Z</p> <p>BOWL OPTIONS</p> <p>= Standard * N = Nylon bowl</p>
Oil type	FD22 - HG32		
Bowl capacity	360 cm ³		
Assembly positions	Vertical		
Min. operational flow rate at 6,3 bar	100 dm ³ /min. (ANR)		
Wall fixing screw	M8		

* no additional letter required



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

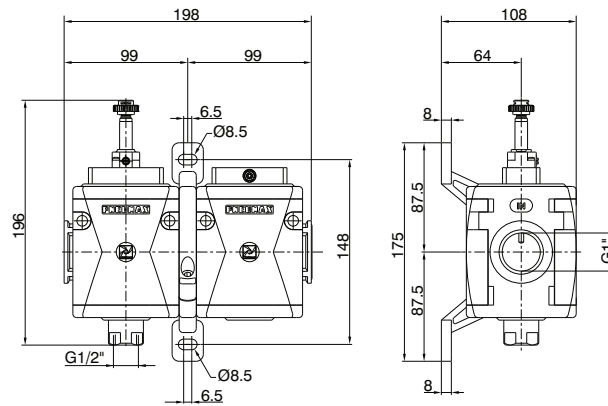


Example : GN174BVRG : size 4 combined group comprising Shut-off valve, Filter-regulator, Pressure switch and Lubricator, G1" connections adjusting range 0 to 8 bar and 20 µm filter pore size

Operational characteristics	Technical characteristics		Ordering code
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)	Connections	G1"	GN174B T S O O Z
	Max. inlet pressure	13 bar	
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.	Working temperature	-5°C +50°C	TYPE ① VR = Built in gauge VC = G1/8" gauge connection
	Weight	4695 (gr)	FILTER PORE SIZE ADJUSTING RANGE C = 5 µm / 0-8 bar D = 5 µm / 0-12 bar G = 20 µm / 0-8 bar H = 20 µm / 0-12 bar N = 50 µm / 0-8 bar P = 50 µm / 0-12 bar
	Pressure range	0-2 bar / 0-4 bar 0-8 bar / 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
	Filter pore size	5 µm - 20 µm - 50 µm	FLOW DIRECTION = Standard * ① (from left to right) W = from right to left
	Bowl capacity	90 cm ³	BOWL OPTIONS = Standard * ② N = Nylon bowl
	Indicative oil drop rate	1 drop every 300/600 NI	
	Oil type	FD22 - HG32	
	Bowl capacity	360 cm ³	
	Assembly positions	Vertical	
	Min. operational flow rate at 6,3 bar	100 dm ³ /min. (ANR)	
	Wall fixing screw	M8	

* no additional letter required

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 Progressive start-up valve assembled with a (Y) type coupling kit for panel mounting.	Connections	G1"	
	Max. inlet pressure	10 bar	
	Min. inlet pressure	2,5 (bar)	
	Working temperature	-5°C +50°C	
	Weight	2390 (gr)	
	Assembly positions	Indifferent	
	Wall fixing screw	M8	
			Ordering code GN174BSA [Ⓐ] 15 mm COIL VOLTAGE A4 = 12 V DC A5 = 24 V DC A6 = 24 V AC (50-60 Hz) 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) B8 = 220 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

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