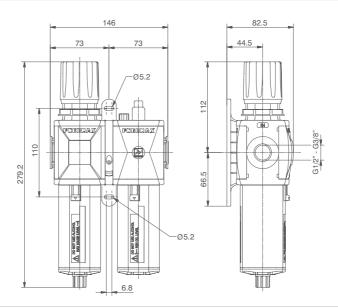
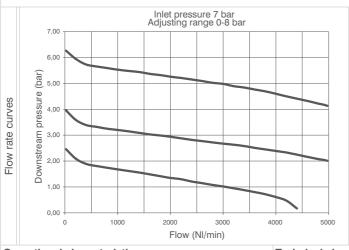
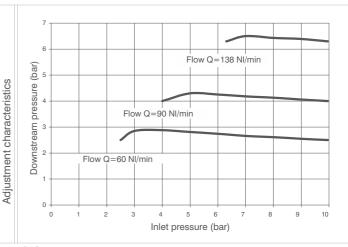
Service unit assembled (EM+L) (E+L) (EW+L)





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

* no additional letter required

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.

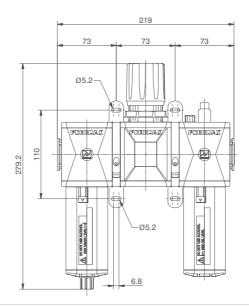
iecillical characteristics				
Connections	G 3/8" - G 1/2"		Ordering code	
Max. inlet pressure	13 bar			
Working temperature	-5°C +50°C		G Ø 173 @@ \$@ @	
Weight with Technopolymer threads	gr. 809		VERSION	
Weight with threaded inserts	gr. 849	V	N = Metal inserts	
Pressure range	0-2 bar / 0-4 bar		T = Technopolymer thread CONNECTIONS	
	0-8 bar / 0-12 bar	•	A = G3/8"(only for "N" version)	
Filter pore size	5 μm - 20 μm - 50 μm		B = G1/2" C = G1/2" NPT(only for "N" version)	
Bowl capacity	68 cm³		TYPE	
Indicative oil drip rate	1 drop every	•	H = Built in gauge	
indicative oil drip rate	300/600 NI		J = G1/8" gauge connection	
Oil type	FD22 - HG32		FILTER PORE SIZE	
Bowl capacity	136 cm ³	-	ADJUSTING RANGE	
1 7		-	$C = 5 \mu m / 0.8 \text{ bar}$	
Assembly positions	Vertical	8	$D = 5 \mu m / 0-12 bar$ $G = 20 \mu m / 0-8 bar$	
Max. fitting torque	G1/2" = 22 Nm		$H = 20 \mu\text{m} / 0-12 \text{bar}$	
(with Technopolymer threads)	G1/2 = 22 NIII		$N = 50 \mu \text{m} / 0.8 \text{bar}$	
Max. fitting torque	G3/8" = 25 Nm		$P = 50 \mu \text{m} / 0-12 \text{bar}$	
(with threaded inserts)	G1/2" = 30 Nm		OPTIONS	
(with threaded moerts)	G1/2 = 30 NIII	_	= Standard *	
			A = Min.oil level indicator NO	
			C = Min.oil level indicator NC	
		0	S = Automatic drain	
			SA = Automatic drain +	
			Min.oil level indicator NO	
Min. operational flow at 6,3 bar	100 NI/min.		SC = Automatic drain +	
			Min.oil level indicator NC	
			FLOW DIRECTION	
		0	= Standard	
		•	(from left to right)	
			144 4 1 1 1 1 4	

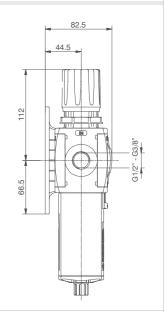
W = from right to left



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



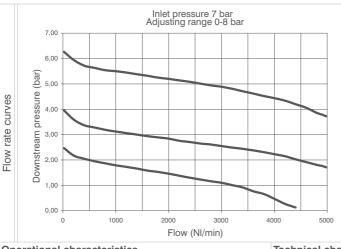


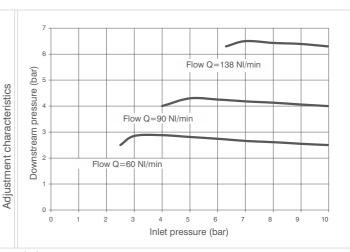


(from left to right)

W = from right to left

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.

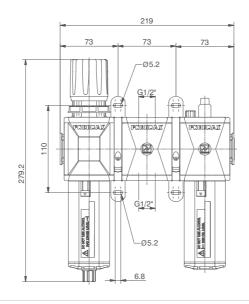
Technical characteristi	cs
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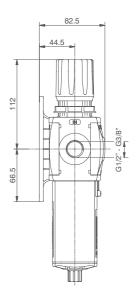
G 3/8" - G 1/2"		Ordering code
13 bar		3
-5°C +50°C		G Ø 173 @@©
gr. 1058		VERSION
gr. 1118	V	N = Metal inserts
0-2 bar / 0-4 bar		T = Technopolymer thread CONNECTIONS
0-8 bar / 0-12 bar		A = G3/8"(only for "N" version)
5 μm - 20 μm - 50 μm	G	B = G1/2"
68 cm ³	_	C = G1/2" NPT(only for "N" version)
1 drop every 300/600 NI	0	TYPE K = Built in gauge T = G1/8" gauge connection
FD22 - HG32		FILTER PORE SIZE ADJUSTING RANGE
136 cm ³		$C = 5 \mu \text{m} / 0-8 \text{ bar}$
Vertical	8	$D = 5 \mu m / 0-12 bar$
G1/2" = 22 Nm		$G = 20 \mu m / 0.8 \text{ bar}$ $H = 20 \mu m / 0.12 \text{ bar}$ $N = 50 \mu m / 0.8 \text{ bar}$
G3/8" = 25 Nm		$P = 50 \mu \text{m} / 0-12 \text{bar}$
G1/2" = 30 Nm		OPTIONS = Standard *
100 NI/min.	•	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)
	13 bar -5°C +50°C gr. 1058 gr. 1118 0-2 bar / 0-4 bar 0-8 bar / 0-12 bar 5 \(\mu\) m - 50 \(\mu\) m 68 cm³ 1 drop every 300/600 NI FD22 - HG32 136 cm³ Vertical G1/2" = 22 Nm G3/8" = 25 Nm G1/2" = 30 Nm	13 bar -5°C +50°C gr. 1058 gr. 1118 0-2 bar / 0-4 bar 0-8 bar / 0-12 bar 5 μm - 20 μm - 50 μm 68 cm³ 1 drop every 300/600 NI FD22 - HG32 136 cm³ Vertical G1/2" = 22 Nm G3/8" = 25 Nm G1/2" = 30 Nm

* no additional letter required

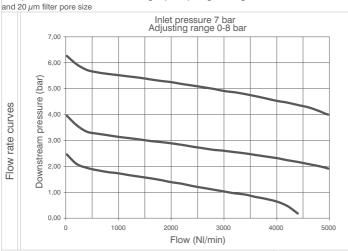
Service unit assembled (EM+PA+L) (E+PA+L) (EW+PA+L)

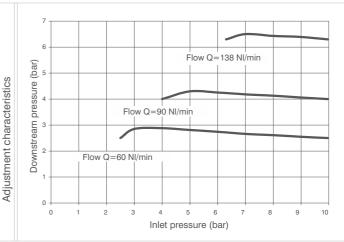






Example: GT173BNG: size 3 combined group comprising Filter-regulator, Air intake and Lubricator Technopolymer threads, G1/2" connections, 0 to 8 bar adjusting range and 20 µm filter pore size





Operational characteristics

* no additional letter required

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.

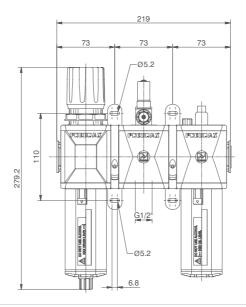
Technical characteristics

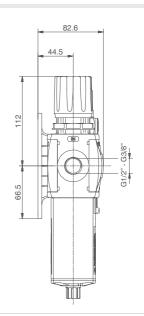
Connections	G 3/8" - G 1/2"		Ordering code		
Max. inlet pressure	13 bar				
Working temperature	-5°C +50°C		G V 173 00 00		
Weight with Technopolymer threads	gr. 999		VERSION		
Weight with threaded inserts	gr. 1039	V	N = Metal inserts		
	0-2 bar / 0-4 bar		T = Technopolymer thread		
Pressure range			CONNECTIONS		
	0-8 bar / 0-12 bar	•	A = G3/8"(only for "N" version)		
Filter pore size	5 μm - 20 μm - 50 μm		B = G1/2" C = G1/2" NPT(only for "N" version)		
Bowl capacity	68 cm ³		TYPE		
L. P P	1 drop every	0	N = Built in gauge		
Indicative oil drip rate	300/600 NI	-	P = G1/8" gauge connection		
Oil type	FD22 - HG32	-	FILTER PORE SIZE		
**		-	ADJUSTING RANGE		
Bowl capacity	136 cm ³		$C = 5 \mu \text{m} / 0-8 \text{bar}$		
Assembly positions	Vertical	8	$D = 5 \mu m / 0-12 bar$		
Max. fitting torque			$G = 20 \mu\text{m} / 0-8 \text{bar}$		
(with Technopolymer threads)	G1/2" = 22 Nm		$H = 20 \mu\text{m} / 0.12 \text{bar}$		
, ,	00/01/ 07 11	-	$N = 50 \mu\text{m} / 0.8 \text{bar}$		
Max. fitting torque	G3/8" = 25 Nm		$P = 50 \mu m / 0-12 bar$ OPTIONS		
(with threaded inserts)	G1/2" = 30 Nm		= Standard *		
			A = Min.oil level indicator NO		
			C = Min.oil level indicator NC		
			S = Automatic drain		
Min. operational flow at 6,3 bar			SA = Automatic drain +		
	100 NI/min.		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		



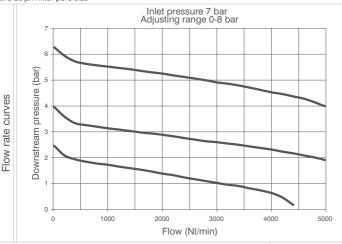
Service unit assembled (EM+PP+L) (E+PP+L) (EW+PP+L)

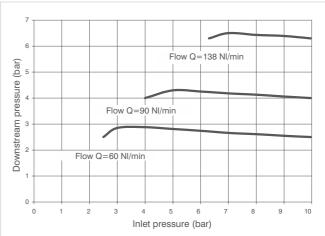






Example: GT173BRG: size 3 combined group comprising Filter-Regulator, Pressure switch and Lubricator Technopolymer threads, G1/2" connections 0 to 8 bar adjusting range and 20 μ m filter pore size





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	6
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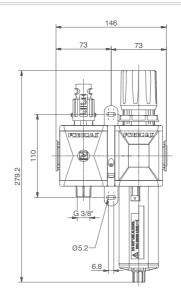
Adjustment characteristics

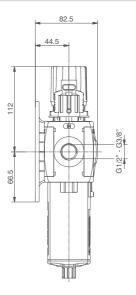
Connections	G 3/8" - G 1/2"		Ordering code GØ173@@S@@	
Max. inlet pressure	13 bar			
Working temperature	-5°C +50°C			
Weight with Technopolymer threads	gr. 1083		VERSION	
Weight with threaded inserts	gr. 1123	V	N = Metal inserts	
_	0-2 bar / 0-4 bar		T = Technopolymer thread	
Pressure range	0-8 bar / 0-12 bar		CONNECTIONS A = G3/8"(only for "N" version)	
Filher and a single		•	B = G1/2"	
Filter pore size	5 μm - 20 μm - 50 μm	-	C = G1/2" NPT(only for "N" version)	
Bowl capacity	68 cm³		TYPE	
Indicative oil drip rate	1 drop every	0	R = Built in gauge	
indicative oil drip rate	300/600 NI		C = G1/8" gauge connection	
Oil type	FD22 - HG32		FILTER PORE SIZE	
71	136 cm ³	-	ADJUSTING RANGE	
Bowl capacity		_	$C = 5 \mu m / 0-8 bar$	
Assembly positions	Vertical	8	$D = 5 \mu m / 0-12 bar$ $G = 20 \mu m / 0-8 bar$	
Max. fitting torque	G1/2" = 22 Nm		$H = 20 \mu\text{m} / 0-12 \text{bar}$	
(with Technopolymer threads)	G1/2 = 22 NIII		$N = 50 \mu\text{m} / 0.42 \text{bar}$	
Max. fitting torque	G3/8" = 25 Nm		$P = 50 \mu \text{m} / 0-12 \text{bar}$	
(with threaded inserts)	G1/2" = 30 Nm		OPTIONS	
(with threaded inserts)	G1/2 = 30 Nm	-	= Standard *	
			A = Min.oil level indicator NO	
			C = Min.oil level indicator NC	
		0		
			SA = Automatic drain +	
Min. operational flow at 6,3 bar	100 NI/min.		Min.oil level indicator NO	
Will. Operational flow at 0,5 bar	TOO INI/ITIIIT.		Min.oil level indicator NC	
			FLOW DIRECTION	
			= Standard	
		0	(from left to right)	
			W = from right to left	
			3 110 1011	

* no additional letter required

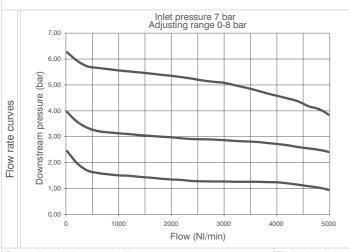
Service unit assembled (VL+EM) (VL+E) (VL+EW)

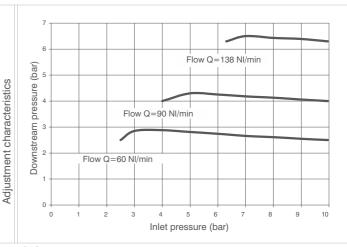






Example: GT173BVGG: size 3 combined group comprising Shut-off valve, Filter-regulator Technopolymer threads, G1/2" connections 0 to 8 bar adjusting range and 20 µm filter pore size





Operational characteristics

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.

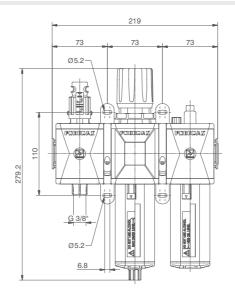
Technical characteristics

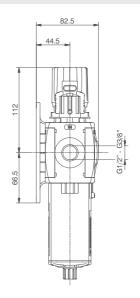
Connections	G 3/8" - G 1/2"	Ordering cod	le
Max. inlet pressure	13 bar	3 111	
Working temperature	-5°C +50°C	G Ø 173 @D \$@	O
Weight with Technopolymer threads	gr. 749	VERSION	
Weight with threaded inserts	gr. 789	N = Metal inserts	
Pressure range	0-2 bar / 0-4 bar	T = Technopolymer CONNECTIONS	thread
3.	0-8 bar / 0-12 bar	A = G3/8"(only for "N" ve	rsion)
Filter pore size	5 μm - 20 μm - 50 μm	B = G1/2"	
Bowl capacity	68 cm ³	C = G1/2" NPT (only for TYPE	r "N" version)
1. 19. 19. 19. 19. 19.	1 drop every	VG = Built in gaug	e
ndicative oil drip rate	300/600 NI	VU = G1/8" gauge	
Oil type	FD22 - HG32	FILTER PORE SIZE ADJUSTING RANGE	=
Bowl capacity	136 cm ³	$C = 5 \mu m / 0-8 bar$	-
Assembly positions	Vertical	$D = 5 \mu m / 0-12 bar$	
Max. fitting torque		$G = 20 \mu\text{m} / 0-8 \text{bar}$	
(with Technopolymer threads)	G1/2" = 22 Nm	$H = 20 \mu\text{m} / 0.12 \text{ ba}$	
, , ,	G3/8" = 25 Nm	$N = 50 \mu\text{m} / 0-8 \text{ bar}$ $P = 50 \mu\text{m} / 0-12 \text{ ba}$	
Max. fitting torque		OPTIONS	u
(with threaded inserts)	G1/2" = 30 Nm	Standard *	
		S = Automatic drain	
		FLOW DIRECTION	
Min. operational flow at 6,3 bar	100 NI/min.	= Standard	
		(from left to rig	ht)
		W = from right to le	eft

* no additional letter required

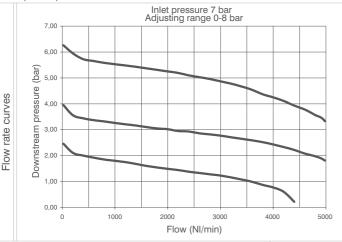
Service unit assembled (VL+EM+L) (VL+E+L) (VL+EW+L)

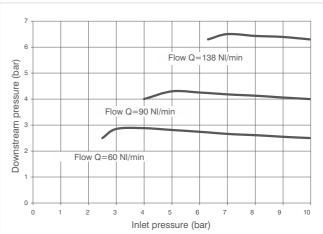






Example: GT173BVHG: Size 3 Combined group comprising Shut-off valve, Filter-regulator and Lubricator Technopolymer threads, G1/2" connections 0 to 8 bar adjusting range and 20 μm filter pore size





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	ò
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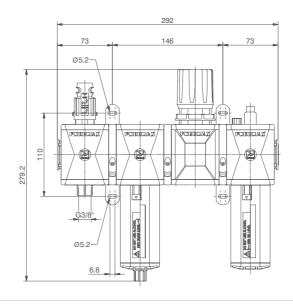
Adjustment characteristics

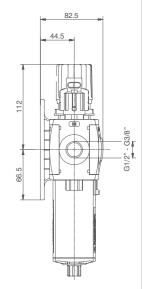
	Connections	G 3/8" - G 1/2"		Ordering code
	Max. inlet pressure	13 bar		<u> </u>
	Working temperature	-5°C +50°C		G Ø 173 @@©
	Weight with Technopolymer threads	gr. 1078		VERSION
	Weight with threaded inserts	gr. 1138	V	N = Metal inserts
		0-2 bar / 0-4 bar		T = Technopolymer thread
	Pressure range	, , , , , , , , , , , , , , , , , , , ,		CONNECTIONS
		0-8 bar / 0-12 bar	•	A = G3/8"(only for "N" version) B = G1/2"
	Filter pore size	5 μm - 20 μm - 50 μm		C = G1/2" NPT(only for "N" version)
	Bowl capacity	68 cm³		TYPE
	In direction oil dair and	1 drop every	0	
	Indicative oil drip rate	300/600 NI		VJ = G1/8" gauge connectio
	Oil type	FD22 - HG32		FILTER PORE SIZE
	**		-	ADJUSTING RANGE
	Bowl capacity	136 cm ³		$C = 5 \mu \text{m} / 0-8 \text{bar}$
	Assembly positions	Vertical	8	$D = 5 \mu m / 0-12 bar$
	Max. fitting torque			$G = 20 \mu\text{m} / 0.8 \text{bar}$
	(with Technopolymer threads)	G1/2" = 22 Nm		$H = 20 \mu m / 0-12 bar$ $N = 50 \mu m / 0-8 bar$
	Max. fitting torque	G3/8" = 25 Nm	-	$P = 50 \mu\text{m} / 0-12 \text{bar}$
				OPTIONS
	(with threaded inserts)	G1/2" = 30 Nm		= Standard *
				A = Min.oil level indicator NO
				C = Min.oil level indicator NO
			0	S = Automatic drain
				SA = Automatic drain +
Min. op	Min. operational flow at 6,3 bar	100 NI/min.	•	Min.oil level indicator No
	Will. Operational now at 0,0 bar	100 141/111111.		SC = Automatic drain +
				Min.oil level indicator No FLOW DIRECTION
				= Standard
				(from left to right)
				W = from right to left
			-	

V	N = Metal inserts
	T = Technopolymer thread
	CONNECTIONS
(A = G3/8"(only for "N" version)
G	B = G1/2"
	C = G1/2" NPT(only for "N" version)
	TYPE
•	VH = Built in gauge
	VJ = G1/8" gauge connection
	FILTER PORE SIZE
	ADJUSTING RANGE
	$C = 5 \mu \text{m} / 0-8 \text{bar}$
6	$D = 5 \mu m / 0-12 bar$
•	$G = 20 \mu m / 0-8 bar$
	$H = 20 \mu m / 0-12 bar$
	$N = 50 \mu m / 0-8 bar$
	P = 50 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

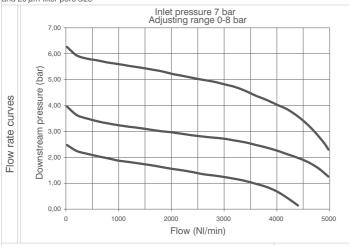
Service unit assembled (VL+F+RM+L) (VL+F+R+L) (VL+F+RW+L)

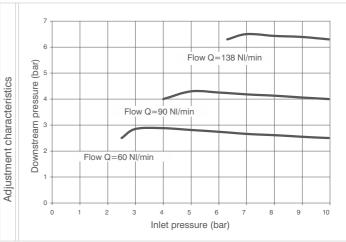






Example: GT173BVKG: size 3 combined group comprising Shut-off valve, Filter, Regulator and Lubricator Technopolymer threads, G1/2" connections 0 to 8 bar adjusting range and 20 μ m filter pore size





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)

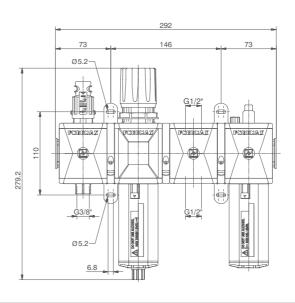
Note

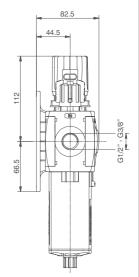
* no additional letter required

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.

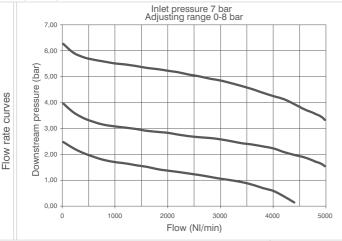
Technical characteristics

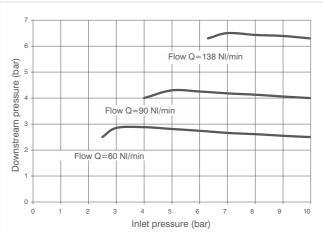
Connections	G 3/8" - G 1/2"	Ordering code	
Max. inlet pressure	13 bar		
Working temperature	-5°C +50°C	G Ø 173 @@ \$@ @	
Weight with Technopolymer threads	gr. 1308	VERSION	
Weight with threaded inserts	gr. 1388	N = Metal inserts	
Pressure range	0-2 bar / 0-4 bar 0-8 bar / 0-12 bar	T = Technopolymer thread 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 = G1/2" NPT(only for "N" version)	
Indicative oil drip rate	1 drop every 300/600 NI	TYPE VK = Built in gauge VT = G1/8" gauge connectio	
Oil type	FD22 - HG32	FILTER PORE SIZE ADJUSTING RANGE	
Bowl capacity	136 cm ³	$C = 5 \mu \text{m} / 0.8 \text{ bar}$	
Assembly positions	Vertical	$D = 5 \mu m / 0-12 bar$	
Max. fitting torque (with Technopolymer threads)	G1/2" = 22 Nm	G = $20 \mu m / 0.8 \text{ bar}$ H = $20 \mu m / 0.12 \text{ bar}$ N = $50 \mu m / 0.8 \text{ bar}$	
Max. fitting torque	G3/8" = 25 Nm	$P = 50 \mu\text{m} / 0-12 \text{bar}$	
(with threaded inserts)	G1/2" = 30 Nm	OPTIONS	
Min. operational flow at 6,3 bar	100 NI/min.	= Standard * A = Min.oil level indicator NC C = Min.oil level indicator NC S = Automatic drain SA = Automatic drain + Min.oil level indicator NC SC = Automatic drain + Min.oil level indicator NC FLOW DIRECTION = Standard (from left to right) W = from right to left	





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





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
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Adjustment characteristics

Connections	G 3/8" - G 1/2"		Ordering code	
Max. inlet pressure	13 bar	0.009 0000		
Working temperature	-5°C +50°C	G Ø 173 @D \$ @D		
Weight with Technopolymer threads	gr. 1249		VERSION	
Weight with threaded inserts	gr. 1309	V	N = Metal inserts	
	0-2 bar / 0-4 bar		T = Technopolymer thread	
Pressure range			CONNECTIONS	
	0-8 bar / 0-12 bar		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 = G1/2" NPT(only for "N" versi	
20 capacity			TYPE	
Indicative oil drip rate	1 drop every	U	VN = Built in gauge	
·	300/600 NI		VP = G1/8" gauge connec	
Oil type	FD22 - HG32		FILTER PORE SIZE	
Bowl capacity	136 cm ³		ADJUSTING RANGE	
1 /	Vertical	-	$C = 5 \mu m / 0.8 \text{ bar}$ $D = 5 \mu m / 0.12 \text{ bar}$	
Assembly positions	vertical	8	$G = 20 \mu\text{m} / 0-8 \text{bar}$	
Max. fitting torque	G1/2" = 22 Nm		$H = 20 \mu \text{m} / 0-12 \text{bar}$	
(with Technopolymer threads)	G1/2 = 22 NIII		$N = 50 \mu \text{m} / 0.8 \text{bar}$	
Max. fitting torque	G3/8" = 25 Nm		$P = 50 \mu \text{m} / 0-12 \text{bar}$	
	/ -		OPTIONS	
(with threaded inserts)	G1/2" = 30 Nm		= Standard *	
			A = Min.oil level indicator	
	100 NI/min.		C = Min.oil level indicator	
		0	S = Automatic drain	
Min. operational flow at 6,3 bar			SA = Automatic drain +	
			Min.oil level indicator	
			SC = Automatic drain +	
			Min.oil level indicator	
		•	FLOW DIRECTION	
			= Standard	
			(from left to right)	

	i = recnnopolymer thread
	CONNECTIONS
6	A = G3/8"(only for "N" version)
G	B = G1/2"
	C = G1/2" NPT(only for "N" version)
	TYPE
0	VN = Built in gauge
	VP = G1/8" gauge connection
	FILTER PORE SIZE
	ADJUSTING RANGE
	$C = 5 \mu m / 0-8 bar$
8	$D = 5 \mu m / 0-12 bar$
•	$G = 20 \mu m / 0-8 bar$
	$H = 20 \mu m / 0-12 bar$
	$N = 50 \mu m / 0-8 bar$
	$P = 50 \mu m / 0 - 12 bar$
	OPTIONS
	= Standard *

NO

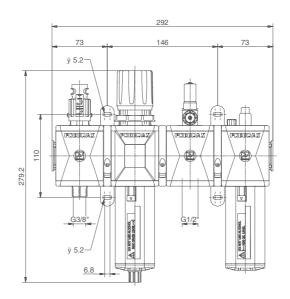
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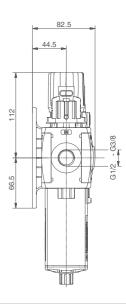
W = from right to left

* no additional letter required

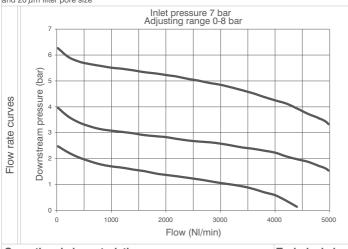
Service unit assembled (VL+EM+PP+L) (VL+E+PP+L) (VL+EW+PP+L)

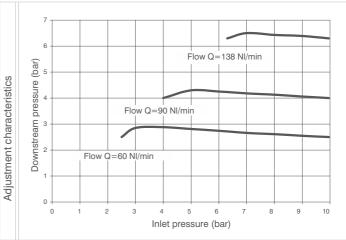






Example: GT173BVRG: size 3 combined group comprising Shut-off valve, Filter-regulator, Pressure switch and Lubricator Technopolymer threads, G1/2" connections adjusting range 0 to 8 bar and 20 μ m filter pore size





Operational characteristics

* no additional letter required

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.

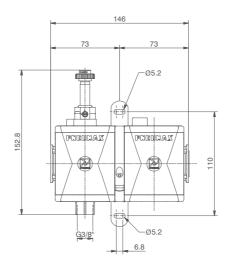
Technical characteristics

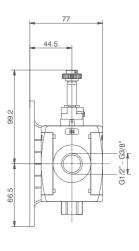
recillical characteristics				
Connections	G 3/8" - G 1/2"	G 3/8" - G 1/2" Ordering co		
Max. inlet pressure	13 bar		G Ø 173 @① S ②①	
Working temperature	-5°C +50°C			
Weight with Technopolymer threads	gr. 1333		VERSION	
Weight with threaded inserts	gr. 1393	V	TT THOUGHTO	
D	0-2 bar / 0-4 bar	_	T = Technopolymer 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	G		
Bowl capacity	68 cm ³		C = G1/2" NPT(only for "N" version)	
Bowl capacity			TYPE	
Indicative oil drip rate	1 drop every	0	VR = Built in gauge	
	300/600 NI		VC = G1/8" gauge connection	
Oil type	FD22 - HG32		FILTER PORE SIZE ADJUSTING RANGE	
Bowl capacity	136 cm ³		$C = 5 \mu\text{m} / 0-8 \text{bar}$	
Assembly positions	Vertical	8	$D = 5 \mu \text{m} / 0 - 12 \text{bar}$	
Max. fitting torque			$G = 20 \mu m / 0-8 bar$	
· .	G1/2" = 22 Nm		$H = 20 \mu m / 0-12 bar$	
(with Technopolymer threads)		_	$N = 50 \mu m / 0-8 bar$	
Max. fitting torque	G3/8" = 25 Nm		$P = 50 \mu m / 0-12 bar$	
(with threaded inserts)	G1/2" = 30 Nm		OPTIONS	
,	-	-	= Standard * A = Min.oil level indicator NO	
			C = Min.oil level indicator NC	
		0		
			SA = Automatic drain +	
			Min.oil level indicator NO	
Min. operational flow at 6,3 bar	100 NI/min.		SC = Automatic drain +	
min operational new at 6,6 sa.	100 Mi/min.		Min.oil level indicator NC	
			FLOW DIRECTION	
			= Standard	
		0	(from left to right)	
			W = from right to left	
			VV — ITOTTI TIGITE TO TELL	



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

١	Operational characteristics				
	Combined group comprising Electric shut - off valve and				
	Progressive start-up valve assembled with a (Y) type coupling kit				
	for panel mounting.				
1					

Connections G 3/8" - G 1/2" Max. inlet pressure Min. inlet pressure Working temperature Veight with Technopolymer threads Weight with threaded inserts Assembly positions Max. fitting torque (with Technopolymer threads) Max. fitting torque (with threaded inserts) G1/2" = 22 Nm (with threaded inserts) G1/2" = 30 Nm Flow at 6 bar with Δp=1 2800 Nl/min. Connections G√173 ●S ◆ VERSION N = Metal inserts T = Technopolymer thread CONNECTIONS A = G3/8" endy for "N" version) B = G1/2" C = G1/2" NPT(endy for "N" version) Is 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) A9 = 24 V DC (1 Watt) 22 mm COIL VOLTAGE B2 = Without coil M2 mechanic M2 mechanic M2 mechanic M2 mechanic M2 mechanic M3 mm COIL VOLTAGE B2 = Without coil M2 mechanic M2 mechanic M3 mm COIL VOLTAGE B3 = 220 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) C7 = 110 V AC (50-60 Hz) C7 = 110 V AC (50-60 Hz) C8 = 24 V AC (50-60 Hz) C9 = 24 V DC (2 Watt)		Technical characteristics			
Skit Max. inlet pressure Min. inlet pressure Min. inlet pressure Working temperature -5°C +50°C Weight with Technopolymer threads Weight with threaded inserts Assembly positions Max. fitting torque (with Technopolymer threads) Max. fitting torque (with Technopolymer threads) Max. fitting torque (with Technopolymer threads) Max. fitting torque (with threaded inserts) G1/2" = 22 Nm (with threaded inserts) G3/8" = 25 Nm (Technopolymer threadology of Nor Nor version) B = G1/2" C = G1/2" NPT (ently for Nor version) B = G1/2" C = G1/2" NPT (ently for Nor version) In the pressure A = 12 V DC A5 = 24 V DC A6 = 24 V AC (50-60 Hz) A7 = 110 V AC (50-60 Hz) B7 = 110 V AC (50-60 Hz) B8 = 220 V AC (50-60 Hz) B8 = 220 V AC (50-60 Hz) B9 = 24 V DC (20 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) C7 = 110 V AC (50-60 Hz) C8 = 230 V AC (50-60 Hz)		Connections	G 3/8" - G 1/2"	Ordering code	
Working temperature -5°C +50°C Weight with Technopolymer threads gr. 549 Weight with threaded inserts Gr. 589 Assembly positions Max. fitting torque (with Technopolymer threads) Max. fitting torque (with threaded inserts) Gr. 589 Assembly positions Max. fitting torque (with Technopolymer threads) Max. fitting torque (with threaded inserts) Gr. 589 Gr. 589 CONNECTIONS A = G3/8" only for "N" version) B = G1/2" C = G1/2" 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) 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) 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) C7 = 110 V AC (50-60 Hz) C6 = 24 V AC (50-60 Hz) C7 = 110 V AC (50-60 Hz) C8 = 230 V AC (50-60 Hz)	g kit	Max. inlet pressure	10 bar		
Weight with Technopolymer threads gr. 549 Weight with threaded inserts gr. 589 Assembly positions Indifferent Max. fitting torque G1/2" = 22 Nm (with Technopolymer threads) G3/8" = 25 Nm Max. fitting torque G3/8" = 25 Nm (with threaded inserts) G1/2" = 30 Nm A6 = 24 V DC A6 = 24 V DC A6 = 24 V AC (50-60 Hz) A7 = 110 V AC (50-60 Hz) A7 = 110 V AC (50-60 Hz) A9 = 24 V DC (1 Watt) A8 = 220 V AC (50-60 Hz) B2 = Without coil M2 mechanic B4 = 12 V DC B6 = 24 V AC (50-60 Hz) B7 = 110 V AC (50-60 Hz) B7 = 24 V DC (2 Watt) 30 mm COIL VOLTAGE C5 = 24 V DC (2 Watt) 30 mm COIL VOLTAGE C5 = 24 V DC (2 Watt) 30 mm COIL VOLTAGE C5 = 24 V DC (2 Watt) 30 mm COIL VOLTAGE C5 = 24 V DC (20-60 Hz) C6 = 24 V AC (50-60 Hz) C7 = 110 V AC (50-60 Hz) C7 = 110 V AC (50-60 Hz) C8 = 230 V AC (50-60 Hz) C8 = 230 V AC (50-60 Hz)		Min. inlet pressure	2.5 bar		GØ 173 @ S Ø
Weight with threaded inserts gr. 589 Assembly positions Indifferent Max. fitting torque G1/2" = 22 Nm (with Technopolymer threads) G3/8" = 25 Nm Max. fitting torque G3/8" = 25 Nm (with threaded inserts) G1/2" = 30 Nm As = 24 V DC As = 24 V DC As = 24 V DC As = 220 V AC (50-60 Hz) Ag = 24 V DC Be = 24 V DC Be = 24 V DC Be = 22 V AC (50-60 Hz) Be = 24 V DC Be = 24 V DC Be = 24 V DC Be = 22 V AC (50-60 Hz) Be = 24 V DC Be = 24 V DC Be = 24 V DC Be = 22 V AC (50-60 Hz) Be = 22 V AC (50-60 Hz) Be = 22 V AC (50-60 Hz) Be = 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)		Working temperature	-5°C +50°C		VERSION
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 (with threaded inserts) G1/2" = 30 Nm As = 24 V DC (50-60 Hz) As = 24 V DC (50-60 Hz) As = 220 V AC (50-60 Hz) As = 24 V DC (1 Watt) 22 mm coll. Vol.TAGE 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 Coll. Vol.TAGE C5 = 24 V DC C6 = 24 V AC (50-60 Hz) C7 = 110 V AC (50-60 Hz) C6 = 24 V AC (50-60 Hz)		Weight with Technopolymer threads	gr. 549	V	
Assembly positions Max. fitting torque (with Technopolymer threads) Max. fitting torque (with threaded inserts) Ga/8" = 25 Nm As = 24 V DC Bs = 24 V DC Cs = 24 V DC		Weight with threaded inserts	gr. 589		. ,
Max. fitting torque G1/2" = 22 Nm (with Technopolymer threads) G3/8" = 25 Nm Max. fitting torque G3/8" = 25 Nm (with threaded inserts) G1/2" = 30 Nm 45 = 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 C0IL VOLTAGE B2 = Without coil M2 mechanic B4 = 12 V DC B5 = 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 C0IL 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)		Assembly positions	Indifferent		
(with Technopolymer threads) G1/2" = 22 Nm C = G1/2" NPT (only for 'Ns' version') Max. fitting torque G3/8" = 25 Nm 15 mm COIL VOLTAGE (with threaded inserts) 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 AC (50-60 Hz) B7 = 110 V AC (50-60 Hz) B7 = 110 V AC (50-60 Hz) B9 = 24 V DC B8 = 220 V AC (50-60 Hz) B9 = 24 V DC (2 Watt) 30 mm COIL VOLTAGE C5 = 24 V DC C5 = 24 V DC C6 = 24 V AC (50-60 Hz) C7 = 110 V AC (50-60 Hz) C7 = 110 V AC (50-60 Hz) C8 = 230 V AC (50-60 Hz) C8 = 230 V AC (50-60 Hz)			a	•	
Max. fitting torque (with threaded inserts) G3/8" = 25 Nm (Mith threaded inserts) G1/2" = 30 Nm 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 C6 = 24 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) C8 = 230 V AC (50-60 Hz) C8 = 230 V AC (50-60 Hz)		0 1	G1/2" = 22 Nm		C = G1/2" NPT(only for "N" version)
(with threaded inserts) G1/2" = 30 Nm 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) 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 B6 = 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) C8 = 230 V AC (50-60 Hz) C8 = 230 V AC (50-60 Hz)		,	G2/0" — 25 Nm	-	
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) 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) C8 = 230 V AC (50-60 Hz)		0 1			
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 AC (50-60 Hz) B7 = 110 V AC (50-60 Hz) B8 = 220 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) C8 = 230 V AC (50-60 Hz)		(with threaded inserts)	G1/2" = 30 Nm		-
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 DC C6 = 24 V AC (50-60 Hz) C7 = 110 V AC (50-60 Hz) C8 = 230 V AC (50-60 Hz)					, ,
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)					A8 = 220 V AC (50-60 Hz)
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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)					22 mm COIL VOLTAGE
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)					
Flow at 6 bar with Δp = 1 2800 NI/min.					
Flow at 6 bar with Δp =1 2800 NI/min.		Flow at 6 bar with Δp=1		A	B4 = 12 V DC
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)					
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)			2800 NI/min.		B6 = 24 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)					B7 = 110 V AC (50-60 Hz)
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)					B8 = 220 V AC (50-60 Hz)
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)					B9 = 24 V DC (2 Watt)
C6 = 24 V AC (50-60 Hz) C7 = 110 V AC (50-60 Hz) C8 = 230 V AC (50-60 Hz)					30 mm COIL VOLTAGE
C7 = 110 V AC (50-60 Hz) C8 = 230 V AC (50-60 Hz)					C5 = 24 V DC
C8 = 230 V AC (50-60 Hz)					C6 = 24 V AC (50-60 Hz)
					C7 = 110 V AC (50-60 Hz)
					, ,
					C9 = 24 V DC (2 Watt)