

Series MX filters

MX2 ports: G3/8, G1/2, G3/4 - MX3 ports: G3/4, G1
Modular
Bowl with technopolymer cover and bayonet-type mounting



- » Removal of impurities and condensate
- » High flow with minimum pressure decreases
- » Cartridge filters of 25 or 5 µm
- » Manual, automatic or depressuring drain
- » Bowl locking system reducing the risk of accidents

The Series MX has been realized to offer a multi-sector solution that guarantees saving in terms of installation time, space and costs.

A special configurator, available on Camozzi website at <http://catalogue.camozzi.com> (sec. Configurators), allows the customer to choose the most suitable solution for his application, selecting single components or by configuring assembled FRLs.

MX is the new series of air treatment components realized by Camozzi, characterized by a modern, linear and compact design, offering high performances. The perfect integration between metal alloys and technopolymers has allowed the realization of a reliable product, light and strong at the same time. Thanks to a new concept of modularity, moreover, the mounting of components has become easier.

GENERAL DATA

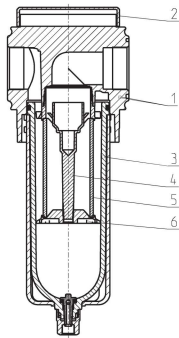
Construction	modular, compact with filtering element in HDPE
Materials	see TABLE OF MATERIALS (pag. 3/1.05.02)
Ports	MX2: G3/8 - G1/2 - G3/4 MX3: G3/4 - G1
Condensate capacity	MX2: 55 cc MX3: 85 cc
Mounting	vertical in-line wall-mounting (by means of clamps)
Operating temperature	-5°C ÷ 50°C up to 16 bar (with the dew point of the fluid lower than 2°C at the min. working temperature) -5°C ÷ 60°C up to 10 bar (with the dew point of the fluid lower than 2°C at the min. working temperature)
Porosity of filtering element	25 µm (standard) 5 µm
Draining of condensate	MX2: manual-semi automatic (standard), automatic, depressurization protected, without drain with port G1/8 MX3: manual-semi automatic (standard), without drain with port G1/8
Operating pressure	0,3 ÷ 16 bar (with automatic drain 1,5 ÷ 12 bar)
Nominal flow	see FLOW DIAGRAMS (pag. 3/1.05.03)
Fluid	compressed air

CODING EXAMPLE

MX	2	-	3/8	-	F	0	0	-	LH
MX	SERIES								
2	SIZE: 2 = G3/8 - G1/2 - G3/4 3 = G3/4 - G1								
3/8	PORT: 3/8 = G3/8 1/2 = G1/2 3/4 = G3/4 1 = G1								
F	FILTER								
0	FILTERING ELEMENT: 0 = 25 µm (standard) 1 = 5 µm								
0	DRAINING OF CONDENSATE: 0 = semiautomatic-manual drain (standard) 3 = automatic drain 5 = depressuring drain, protected 8 = without drain, with port G1/8								
LH	FLOW DIRECTION: = from left to right (standard) LH = from right to left								

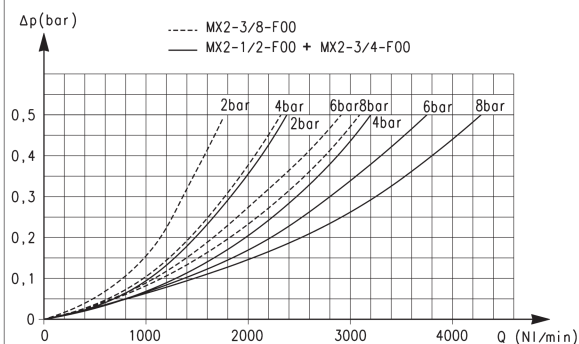
For the assembly of a single component with fixing flanges or wall-mounting, see the section "FRL Series MX Assembled" (pag. 3/1.50.01)

Filters Series MX - materials



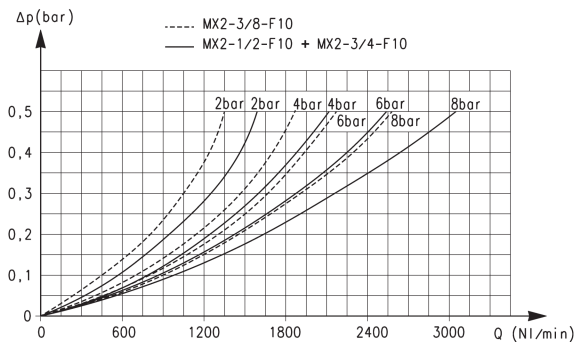
PARTS	MATERIALS
1 = Body	Aluminium
2 = Covering	Polyacetal
3 = Bowl with technopolymer cover	Polycarbonate/Polyamide
4 = Valve-guide	Polyacetal
5 = Filtering element	Polyethylene
6 = Separation deflector	Polyacetal
Seals	NBR

MX2 FLOW DIAGRAMS



Reference diagram for models with filtering element = 25 µm

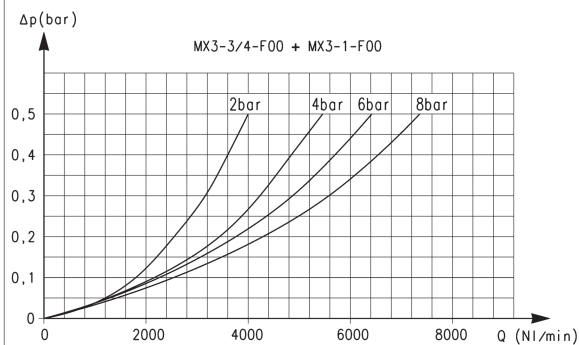
Δp = Pressure drop
Q = Flow



Reference diagram for models with filtering element = 5 µm

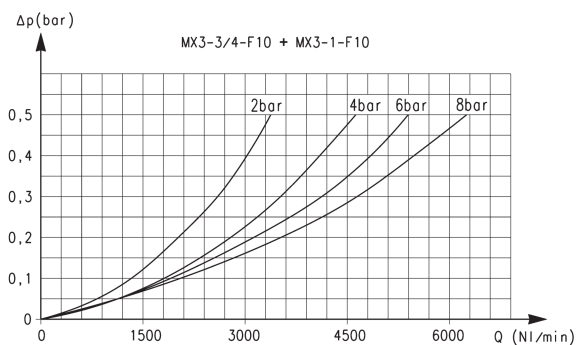
Δp = Pressure drop
Q = Flow

MX3 FLOW DIAGRAMS



Reference diagram for models with filtering element = 25 µm

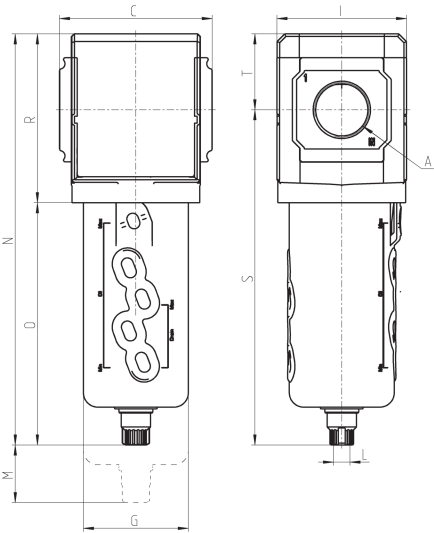
Δp = Pressure drop
Q = Flow



Reference diagram for models with filtering element = 5 µm

Δp = Pressure drop
Q = Flow

Filters Series MX - dimensions



Mod.	A	C	G	I	L	M	N	O	R	S	T	Weight (Kg)
MX2-3/8-F00	G3/8	70	55,3	68	G1/8	57,5	212	127	85	174,5	37,5	0.5
MX2-1/2-F00	G1/2	70	55,3	68	G1/8	57,5	212	127	85	174,5	37,5	0.5
MX2-3/4-F00	G3/4	70	55,3	68	G1/8	57,5	212	127	85	174,5	37,5	0.5
MX3-3/4-F00	G3/4	89,5	61,5	76	G1/8	75	241	142	99	196,5	44,5	0.8
MX3-1-F00	G1	89,5	61,5	76	G1/8	75	241	142	99	196,5	44,5	0.8



FT01 = filter without drain with threaded port



FT02 = filter with semiautomatic manual drain



FT03 = filter with automatic or depressuring drain

Series MX coalescing filters

MX2 ports: G3/8, G1/2, G3/4 - MX3 ports: G3/4, G1

Modular

Bowl with technopolymer cover and bayonet-type mounting



- » High performance and compressed air purity
- » Air quality according to ISO 8573-1 standard
- » Cartridge filters 1 or 0,01 µm
- » Manual, automatic or depressing drain
- » Bowl locking system reducing the risk of accidents

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MX is the new series of air treatment components realized by Camozzi, characterized by a modern, linear and compact design, offering high performances. The perfect integration between metal alloys and technopolymers has allowed the realization of a reliable product, light and strong at the same time. Thanks to a new concept of modularity, moreover, the mounting of components has become easier.

GENERAL DATA

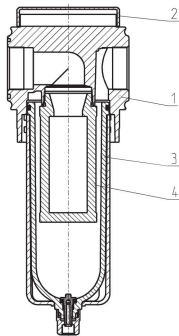
Construction	modular, compact	
Materials	see TABLE OF MATERIALS (pag. 3/1.10.02)	
Ports	MX2: G3/8 - G1/2 - G3/4 MX3: G3/4 - G1	
Condensate capacity	MX2: 55 cc MX3: 85 cc	
Mounting	vertical in-line wall-mounting (by means of clamps)	
Operating temperature	-5°C ÷ 50°C up to 16 bar (with the dew point of the fluid lower than 2°C at the min. working temperature) -5°C ÷ 60°C up to 10 bar (with the dew point of the fluid lower than 2°C at the min. working temperature)	
Draining of condensate	MX2: manual-semi automatic (standard), automatic, depressurization protected, without drain with port G1/8 MX3: manual-semi automatic (standard), without drain with port G1/8	
Operating pressure	0,3 ÷ 16 bar (with automatic drain 1,5 ÷ 12 bar)	
Nominal flow	see FLOW DIAGRAMS (pag. 3/1.10.03)	
Porosity of filtering element	0,01 µm	1 µm
Residual oil content with inlet at 3 mg/m³	< 0,01mg/m³	< 0,1mg/m³
Oil retain efficiency	99,80%	97%
Particles retain efficiency	99,99999%	99,999%
Fluid	compressed air	
Pre-filtering with filtering element of 1 µm	it is recommended to use a filter of 5 µm	
Pre-filtering with filtering element of 0,01 µm	it is recommended to use a filter with residual oil of 0,1 mg/m³	

CODING EXAMPLE

MX	2	-	3/8	-	FC	0	0	-	LH
MX SERIES									
2 SIZE: 2 = G3/8 - G1/2 - G3/4 3 = G3/4 - G1									
3/8 PORTS: 3/8 = G3/8 1/2 = G1/2 3/4 = G3/4 1 = G1									
FC COALESCING FILTER									
0 FILTERING ELEMENT: 0 = 0,01 µm (standard) 1 = 1 µm									
0 DRAINING OF CONDENSATE: 0 = semiautomatic-manual drain (standard) 3 = automatic drain 5 = depressuring drain, protected 8 = without drain, with port G1/8									
LH FLOW DIRECTION: = from left to right (standard) LH = from right to left									

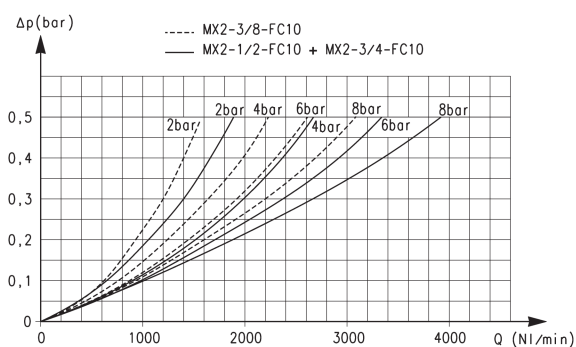
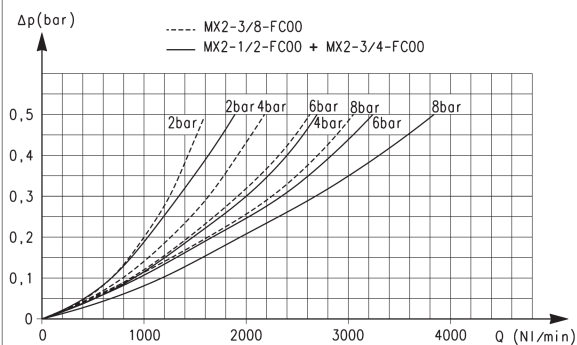
For the assembly of a single component with fixing flanges or wall-mounting, see the section "FRL Series MX Assembled" (pag. 3/1.50.01)

Coalescing filters Series MX - materials



PARTS	MATERIALS
1 = Body	Aluminium
2 = Covering	Polyacetal
3 = Bowl with technopolymer cover	Polycarbonate/Polyamide
4 = Filtering element	Borosilicate
Seals	NBR

MX2 FLOW DIAGRAMS



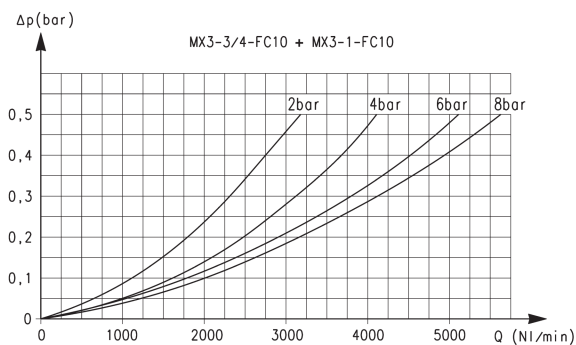
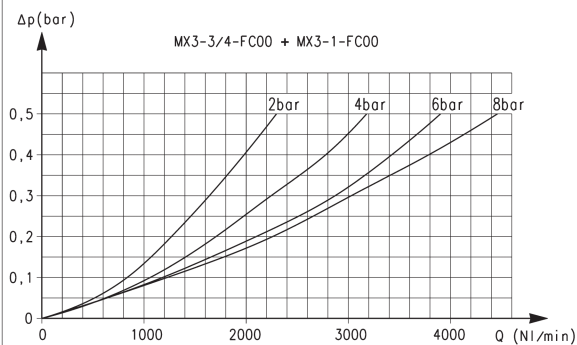
Reference diagram for models with filtering element = 0,01 µm

Δp = Pressure drop
Q = Flow

Reference diagram for models with filtering element = 1 µm

Δp = Pressure drop
Q = Flow

MX3 FLOW DIAGRAMS



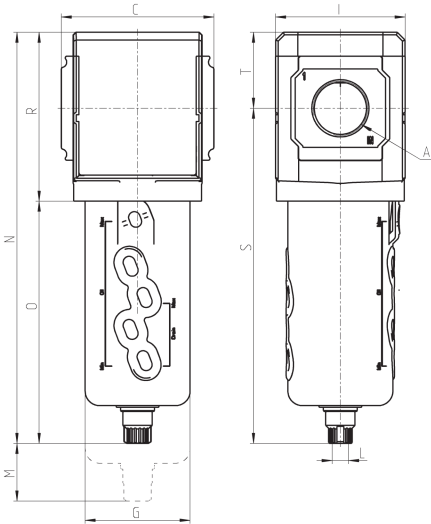
Reference diagram for models with filtering element = 0,01 µm

Δp = Pressure drop
Q = Flow

Reference diagram for models with filtering element = 1 µm

Δp = Pressure drop
Q = Flow

Coalescing filters Series MX - dimensions



FA01 = coalescing filter without drain with threaded port
FA02 = coalescing filter with semi-automatic manual drain
FA03 = coalescing filter with automatic or depressuring drain

Mod.	A	C	G	I	L	M	N	O	R	S	T	Weight (Kg)
MX2-3/8-FC00	G3/8	70	55,3	68	G1/8	52	212	127	85	174,5	37,5	0.5
MX2-1/2-FC00	G1/2	70	55,3	68	G1/8	52	212	127	85	174,5	37,5	0.5
MX2-3/4-FC00	G3/4	70	55,3	68	G1/8	52	212	127	85	174,5	37,5	0.5
MX3-3/4-FC00	G3/4	89,5	61,5	76	G1/8	75	241	142	99	196,5	44,5	0.8
MX3-1-FC00	G1	89,5	61,5	76	G1/8	75	241	142	99	196,5	44,5	0.8

Series MX activated carbon filters

MX2 ports: G3/8, G1/2, G3/4 - MX3 ports: G3/4, G1
Modular
Bowl with technopolymer cover and bayonet-type mounting



- » Removal of compressed air oil, liquid, and gas components through the active carbons
- » Air quality in compliance with ISO 8573-1 standard, up to class 1.7.1
- » Bowl locking system reducing the risk of accidents

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MX is the new series of air treatment components realized by Camozzi, characterized by a modern, linear and compact design, offering high performances. The perfect integration between metal alloys and technopolymers has allowed the realization of a reliable product, light and strong at the same time. Thanks to a new concept of modularity, moreover, the mounting of components has become easier.

GENERAL DATA

Construction	modular, compact with activated carbon filtering element
Materials	see TABLE OF MATERIALS (pag. 3/1.15.02)
Ports	MX2: G3/8 - G1/2 - G3/4 MX3: G3/4 - G1
Mounting	vertical in-line wall-mounting (by means of clamps)
Operating temperature	10°C ÷ 40°C (t max = 60°C)
Draining of condensate	NO DRAINING
Operating pressure	0,3 ÷ 16 bar
Nominal flow	see FLOW DIAGRAMS (pag. 3/1.15.03)
Filtering element	active carbon
Residual oil content	< 0,003 mg/m³
Fluid	compressed air
Pre-filtering	it is recommended to use a filter with residual oil of 0,01mg/m³

CODING EXAMPLE

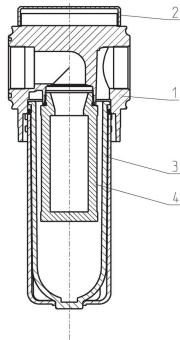
MX	2	-	3/8	-	FCA	-	LH
MX	SERIES						
2	SIZE: 2 = G3/8 - G1/2 - G3/4 3 = G3/4 - G1						
3/8	PORT: 3/8 = G3/8 1/2 = G1/2 3/4 = G3/4 1 = G1						
FCA	ACTIVATED CARBON FILTER						
LH	FLOW DIRECTION: = from left to right (standard) LH = from right to left						

3

TREATMENT

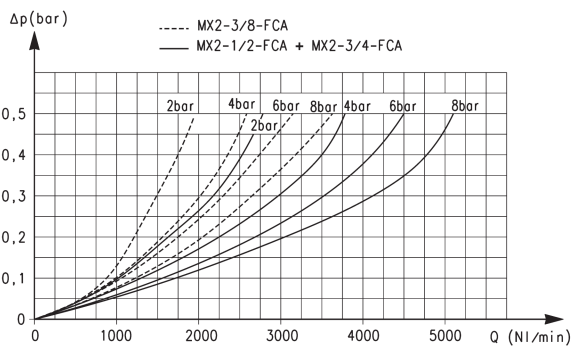
For the assembly of a single component with fixing flanges or wall-mounting, see the section "FRL Series MX Assembled" (pag. 3/1.50.01)

Activated carbon filters Series MX - materials



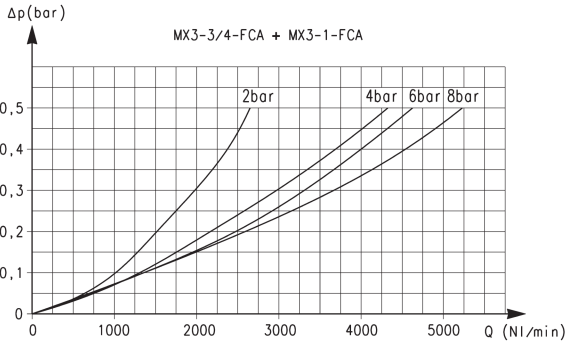
PARTS	MATERIALS
1 = Body	Aluminium
2 = Covering	Polyacetal
3 = Bowl with technopolymer cover	Polycarbonate/Polyamide
4 = Filtering element	Active carbon
Seals	NBR

FLOW DIAGRAMS



Reference diagram for MX2

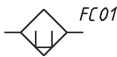
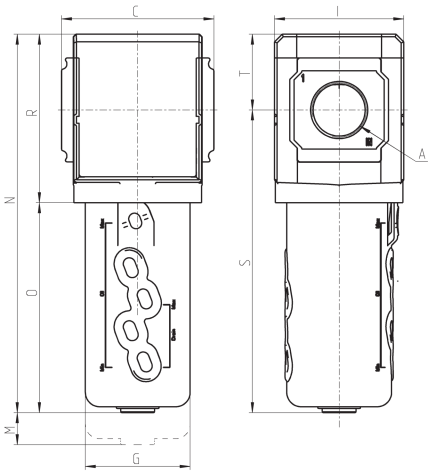
Δp = Pressure drop
Q = Flow



Reference diagram for MX3

Δp = Pressure drop
Q = Flow

Activated carbon filters Series MX - dimensions



Mod.	A	C	G	I	M	N	O	R	S	T	Weight (Kg)
MX2-3/8-FCA	G3/8	70	55,3	68	89,5	189,5	104,5	85	152	37,5	0.5
MX2-1/2-FCA	G1/2	70	55,3	68	89,5	189,5	104,5	85	152	37,5	0.5
MX2-3/4-FCA	G3/4	70	55,3	68	89,5	189,5	104,5	85	152	37,5	0.5
MX3-3/4-FCA	G3/4	89,5	61,5	76	107	222	123	99,0	177,5	44,5	0.8
MX3-1-FCA	G1	89,5	61,5	76	107	222	123	99,0	177,5	44,5	0.8

Series MX

pressure regulators

MX2 ports: G3/8, G1/2, G3/4 - MX3 ports: G3/4, G1

Manifold ports: G1/2 (MX2 only)

Modular - Available with built-in pressure gauges or ports for gauges



- » Minimal pressure decreases
- » Knob with closure
- » Tamper-proof system (lockable regulator)
- » Integral return exhaust (relieving)
- » Manifold version also available

The Series MX has been realized to offer a multi-sector solution that guarantees saving in terms of installation time, space and costs. A special configurator, available on Camozzi website at <http://catalogue.camozzi.com> (sec. Configurators), allows the customer to choose the most suitable solution for his application, selecting single components or by configuring assembled FRLs.

The availability of constant values of the secondary pressure ensures performance optimization and energy saving. The tamper-proof system allows to adjust pressure safely through 2 intervals with primary pressure compensation. All regulators are equipped with an integrated locking system and built-in pressure gauges for a more compact product. The regulators Series MX are suitable also for panel mountings.

GENERAL DATA

Construction	modular, compact, diaphragm type
Materials	see TABLE OF MATERIALS (pag. 3/1.20.02)
Ports	MX2: G3/8 - G1/2 - G3/4 MX3: G3/4 - G1 Manifold regulator: G1/2 (MX2 only)
Mounting	vertical in-line wall-mounting (by means of clamps) panel mounting
Operating temperature	-5°C ÷ 50°C up to 16 bar (with the dew point of the fluid lower than 2°C at the min. working temperature) -5°C ÷ 60°C up to 10 bar (with the dew point of the fluid lower than 2°C at the min. working temperature)
Inlet pressure	0 ÷ 16 bar
Outlet pressure	0,5 ÷ 10 bar (standard) 0 ÷ 4 bar 0,5 ÷ 7 bar (MX2 only)
Overpressure exhaust	with relieving (standard) without relieving
Nominal flow	see FLOW DIAGRAMS (pag. 3/1.20.03)
Fluid	compressed air
Pressure gauge	version with built-in pressure gauge (standard) version with G1/4 ports for pressure gauge (MX3 only) version with G1/8 ports for pressure gauge (MX2 only)

CODING EXAMPLE

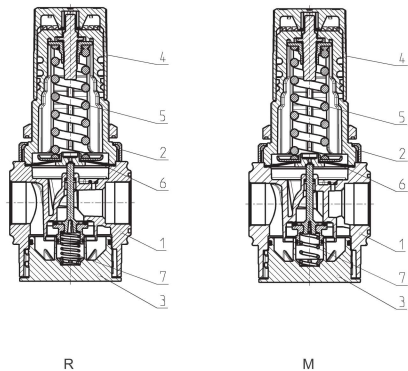
MX	2	-	3/8	-	R	0	0	4	-	LH
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MX	SERIES
2	SIZE: 2 = G3/8 - G1/2 - G3/4 3 = G3/4 - G1
3/8	PORTS: 3/8 = G3/8 1/2 = G1/2 3/4 = G3/4 1 = G1
R	TYPER OF REGULATOR: R = pressure regulator M = Manifold pressure regulator (MX2 - G1/2 only)
0	OPERATING PRESSURE (1 bar = 14,5 psi) 0 = 0,5 + 10 bar (standard) 4 = 0 + 4 bar 7 = 0,5 + 7 bar (MX2 only)
0	DESIGN TYPE: 0 = relieving (standard) 1 = without relieving
4	PRESSURE GAUGE: 0 = without pressure gauge (with threaded port for gauges) 2 = with built-in pressure gauge 0-6 and working pressure 0 + 4 bar 3 = with built-in pressure gauge 0-10 and working pressure 0 + 7 bar (MX2 only) 4 = with built-in pressure gauge 0-12 and working pressure 0,5 + 10 bar (standard)
LH	FLOW DIRECTION: = from left to right (standard) LH = from right to left

For the assembly of a single component with fixing flanges or wall-mounting, see the section "FRL Series MX Assembled" (pag. 3/1.50.01)

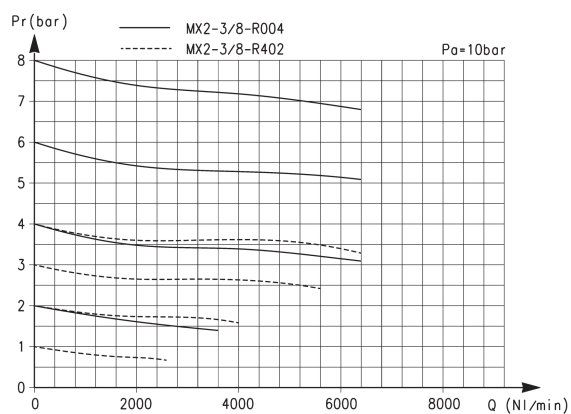
Pressure regulators Series MX - materials

R = pressure regulator
M = Manifold pressure regulator



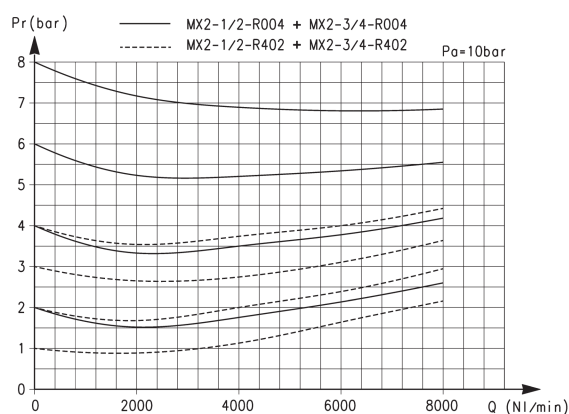
PARTS	MATERIALS
1 = Body	Aluminium
2 = Covering	Polyacetal
3 = Valve holder plug	Polyacetal
4 = Regulator knob	Polyamide
5 = Upper spring	Zinc-plated steel
6 = Diaphragm	NBR
7 = Lower spring	Stainless steel
Seals	NBR

MX2 FLOW DIAGRAMS



P_r = Regulated pressure
 Q = Flow

P_a = Inlet pressure



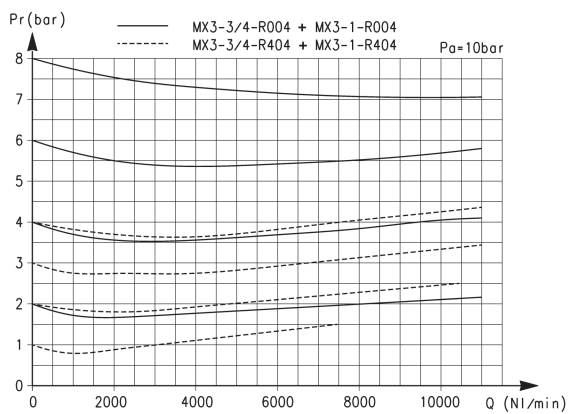
P_r = Regulated pressure
 Q = Flow

P_a = Inlet pressure

3

TREATMENT

MX3 FLOW DIAGRAM



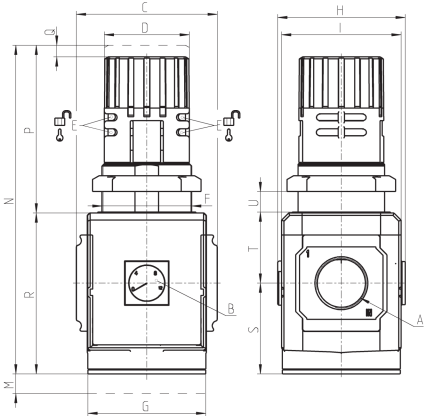
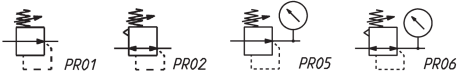
P_r = Regulated pressure
 Q = Flow

P_a = Inlet pressure

Pressure regulators Series MX - dimensions



PR01 = regulator without relieving
 PR02 = regulator with relieving
 PR05 = regulator without relieving and with pressure gauge
 PR06 = regulator with relieving and pressure gauge

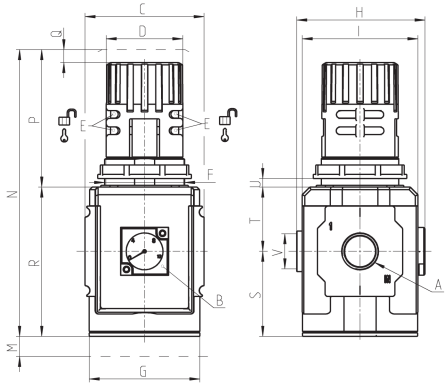


Mod.	A	B (bar)	C	D	E	F	G	H	I	M	N	P	Q	R	S	T	U	Weight (Kg)
MX2-3/8-R004	G3/8	0 ÷ 12	70	45	Ø 4	M47x1,5	70	74,5	68	45	166	78	5	88	50,5	37,5	0 ÷ 13	0.6
MX2-1/2-R004	G1/2	0 ÷ 12	70	45	Ø 4	M47x1,5	70	74,5	68	45	166	78	5	88	50,5	37,5	0 ÷ 13	0.6
MX2-3/4-R004	G3/4	0 ÷ 12	70	45	Ø 4	M47x1,5	70	74,5	68	45	166	78	5	88	50,5	37,5	0 ÷ 13	0.6
MX3-3/4-R004	G3/4	0 ÷ 12	89,5	54	Ø 4	M57x1,5	75	81	76	45	206	104	5	102	57,5	44,5	0 ÷ 20	1
MX3-1-R004	G1	0 ÷ 12	89,5	54	Ø 4	M57x1,5	75	81	76	45	206	104	5	102	57,5	44,5	0 ÷ 20	1

MANIFOLD pressure regulator Series MX - dimensions

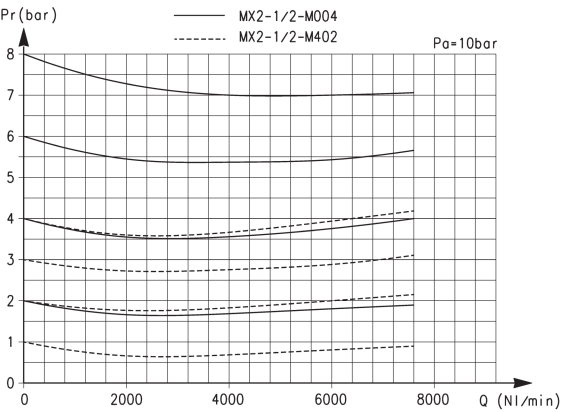


The picture on the left side shows that it is possible to assembly a certain number of regulators with the same inlet pressure using proper mounting kits, with or without terminals.
The regulation of the outlet pressure (OUT port) of each regulator can be set up rotating the knob clockwise or anticlockwise until the desired pressure is reached.
This regulation has no effect on pressures of previous or following regulators.

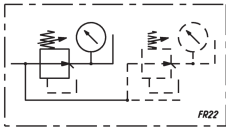
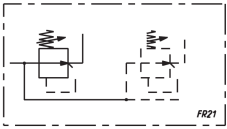
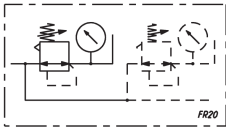
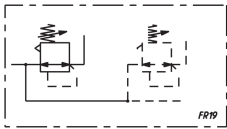


Mod.	A	B (bar)	C	D	E	F	G	H	I	M	N	P	Q	R	S	T	U	V (OUT)	Weight (Kg)
MX2-1/2-M004	G1/2	0 ÷ 12	70	45	Ø 4	M47x1,5	70	75,5	68	45	166	78	5	88	50,5	37,5	0 ÷ 13	G1/2	0,6

MANIFOLD REGULATOR - FLOW DIAGRAM and PNEUMATIC SYMBOLS



Pr = Regulated pressure
Q = Flow
Pa = Inlet pressure



FR19 = Manifold regulator with relieving and without manometer
FR20 = Manifold regulator with relieving and manometer
FR21 = Manifold regulator without relieving nor manometer
FR22 = Manifold regulator without relieving and with manometer

Series MX lubricators

MX2 ports: G3/8, G1/2, G3/4 - MX3 ports: G3/4, G1
Modular
Bowl with technopolymer cover and bayonet-type mounting



- » Regulation screw
- » Ability to refill the oil even with system under pressure
- » High flow
- » Check of the oil level through plastic cover openings
- » Bowl locking system reducing the risk of accidents

The Series MX has been realized to offer a multi-sector solution that guarantees saving in terms of installation time, space and costs. A special configurator, available on Camozzi website at <http://catalogue.camozzi.com> (sec. Configurators), allows the customer to choose the most suitable solution for his application, selecting single components or by configuring assembled FRLs.

MX is the new series of air treatment components realized by Camozzi, characterized by a modern, linear and compact design, offering high performances. The perfect integration between metal alloys and technopolymers has allowed the realization of a reliable product, light and strong at the same time. Thanks to a new concept of modularity, moreover, the mounting of components has become easier. These proportional lubricators enable a precision metering.

GENERAL DATA

Construction	modular, compact
Materials	see TABLE OF MATERIALS (pag. 3/1.25.02)
Ports	MX2: G3/8 - G1/2 - G3/4 MX3: G3/4 - G1
Oil capacity	MX2: 118 cc MX3: 170 cc
Oil refilling	even during use
Mounting	vertical in-line wall-mounting (by means of clamps)
Operating temperature	-5°C + 50°C up to 16 bar (with the dew point of the fluid lower than 2°C at the min. working temperature) -5°C + 60°C up to 10 bar (with the dew point of the fluid lower than 2°C at the min. working temperature)
Oil for lubrication	use ISO VG32 oils. Once applied, the lubrication should never be interrupted.
Operating pressure	0 ÷ 16 bar
Min. air consumption for lubrication at 1 bar	MX2: 17 NI/min MX3: 50 NI/min
Min. air consumption for lubrication at 6 bar	MX2: 38 NI/min MX3: 90 NI/min
Nominal flow	see FLOW DIAGRAMS (pag 3/1.25.03)

CODING EXAMPLE

MX	2	-	3/8	-	L	00	-	LH
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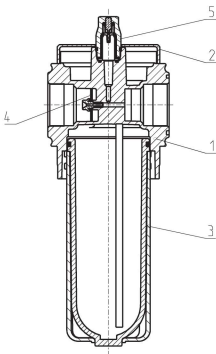
MX	SERIES
2	SIZE: 2 = G3/8 - G1/2 - G3/4 3 = G3/4 - G1
3/8	PORT: 1/2 = G1/2 3/4 = G3/4 1 = G1
L	LUBRICATOR
00	DESIGN TYPE: 00 = atomized oil
LH	FLOW DIRECTION: = from left to right (standard) LH = from right to left

3

TREATMENT

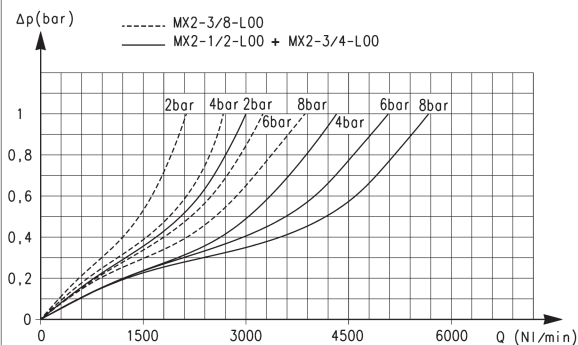
For the assembly of a single component with fixing flanges or wall-mounting, see the section "FRL Series MX Assembled" (pag. 3/1.50.01)

Lubricators Series MX - materials



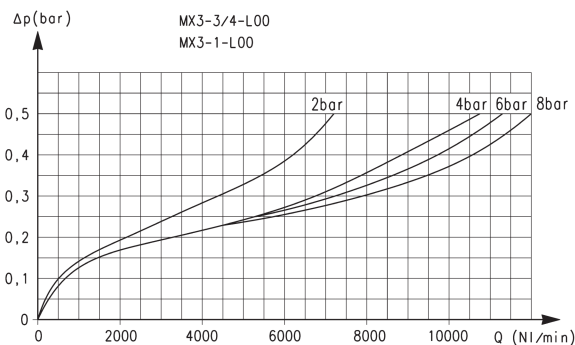
PARTS	MATERIALS
1 = Body	Aluminium
2 = Covering	Polyacetal
3 = Bowl with technopolymer cover	Polycarbonate/Polyamide
4 = Diaphragm	NBR
5 = Viewer	Polyamide
Seals	NBR

FLOW DIAGRAMS



Reference diagram for MX2

Δp = Pressure drop
Q = Flow



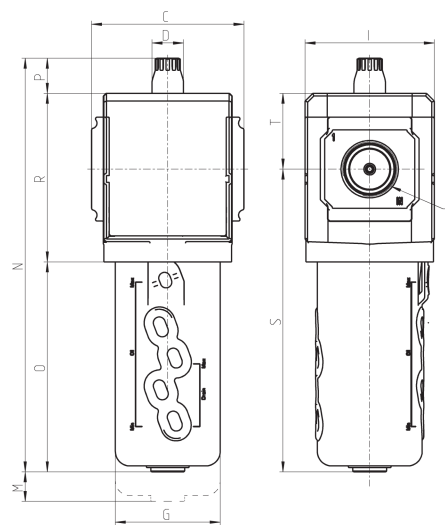
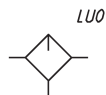
Reference diagram for MX3

Δp = Pressure drop
Q = Flow

3

TREATMENT

Lubricators Series MX - dimensions



Mod.	A	C	D	G	I	M	N	O	P	R	S	T	Weight (Kg)
MX2-3/8-L00	G3/8	70	18,5	55,5	68	84,5	210	104,5	20,5	85	152	37,5	0.5
MX2-1/2-L00	G1/2	70	18,5	55,5	68	84,5	210	104,5	20,5	85	152	37,5	0.5
MX2-3/4-L00	G3/4	70	18,5	55,5	68	84,5	210	104,5	20,5	85	152	37,5	0.5
MX3-3/4-L00	G3/4	89,5	18,5	61,5	76	100	243	123	21	99	178	44,5	0.8
MX3-1-L00	G1	89,5	18,5	61,5	76	100	243	123	21	99	178	44,5	0.8

3/1.25.03

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Series MX filter-regulators

MX2 ports: G3/8, G1/2, G3/4 - MX3 ports: G3/4, G1

Modular

Bowl with technopolymer cover and bayonet-type mounting



- » Filtering between 25 µm or 5 µm
- » Available versions: with built-in gauge or with ports for gauge
- » Lockable knob with closure
- » Bowl locking system reducing the risk of accidents

The Series MX has been realized to offer a multi-sector solution that guarantees saving in terms of installation time, space and costs. A special configurator, available on Camozzi website at <http://catalogue.camozzi.com> (sec. Configurators), allows the customer to choose the most suitable solution for his application, selecting single components or by configuring assembled FRLs.

Series MX filter-regulators integrate filter and pressure reducer in one unit. They are, therefore, compact and suitable for pre-filtering functions. Available with or without draining (relieving), they are equipped with a valve diaphragm for a direct pressure regulation and with an integrated condensate drainer, manual or automatic. Moreover, they are equipped with a built-in pressure gauge.

GENERAL DATA

Construction	modular, compact with filtering element in HDPE
Materials	see TABLE OF MATERIALS (pag. 3/1.30.02)
Ports	MX2: G3/8 - G1/2 - G3/4 MX3: G3/4 - G1
Condensate capacity	MX2: 55 cc MX3: 85 cc
Mounting	vertical in-line wall-mounting (by means of clamps) panel mounting
Operating temperature	-5°C ÷ 50°C up to 16 bar (with the dew point of the fluid lower than 2°C at the min. working temperature) -5°C ÷ 60°C up to 10 bar (with the dew point of the fluid lower than 2°C at the min. working temperature)
Porosity of filtering element	25 µm (standard) 5 µm
Draining of condensate	MX2: manual-semi automatic (standard), automatic, depressurization protected, without drain with port G1/8 MX3: manual-semi automatic (standard), without drain with port G1/8
Operating pressure	0,3 ÷ 16 bar ((with automatic drain 1,5 ÷ 12)
Nominal flow	see FLOW DIAGRAMS (pag. 3/1.30.03)
Fluid	compressed air
Pressure gauge	version with built-in pressure gauge (standard) version with G1/4 ports for pressure gauge (MX3 only) version with G1/8 ports for pressure gauge (MX2 only)

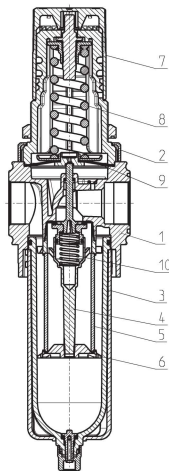
CODING EXAMPLE

MX	2	-	3/8	-	FR	0	0	0	4	-	LH
----	---	---	-----	---	----	---	---	---	---	---	----

MX	SERIES
2	SIZE: 2 = G3/8 - G1/2 - G3/4 3 = G3/4 - G1
3/8	PORT: 3/8 = G3/8 1/2 = G1/2 3/4 = G3/4 1 = G1
FR	FILTER-REGULATOR
0	FILTERING ELEMENT WITH DESIGN TYPE: 0 = 25 µm with relieving (standard) 1 = 5 µm with relieving 2 = 25 µm without relieving (with semiautomatic-manual drain only) 3 = 5 µm without relieving (with semiautomatic-manual drain only)
0	DRAINING OF CONDENSATE: 0 = semiautomatic-manual drain (standard) 3 = automatic drain 5 = depressuring drain, protected 8 = without drain, with port G1/8
0	OPERATING PRESSURE: 0 = 0,5 ÷ 10 bar (standard) 4 = 0 ÷ 4 bar 7 = 0,5 ÷ 7 bar (MX2 only)
4	PRESSURE GAUGE: 0 = without pressure gauge(with threaded port) 2 = with built-in pressure gauge 0-6 and working pressure 0 ÷ 4 bar 3 = with built-in pressure gauge 0-10 and working pressure 0 ÷ 7 bar (MX2 only) 4 = with built-in pressure gauge 0-12 and working pressure 0,5 ÷ 10 bar (standard)
LH	FLOW DIRECTION: = from left to right (standard) LH = from right to left

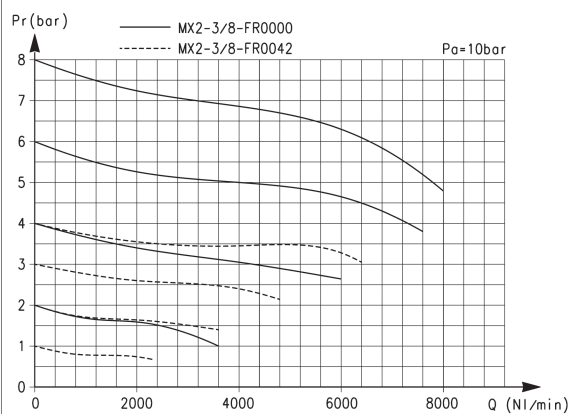
For the assembly of a single component with fixing flanges or wall-mounting, see the section "FRL Series MX Assembled" (pag. 3/1.50.01)

Filter-regulators Series MX - materials



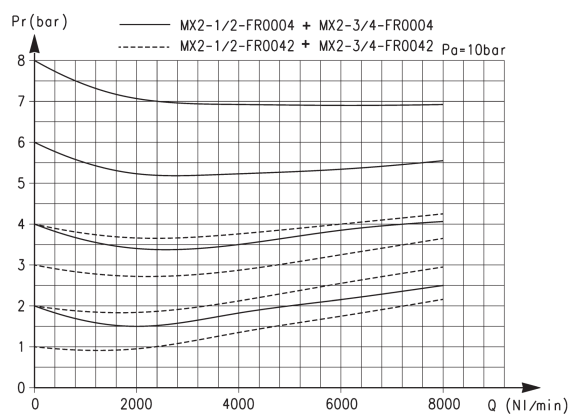
PARTS	MATERIALS
1 = Body	Aluminium
2 = Covering	Polyacetal
3 = Bowl with technopolymer cover	Polycarbonate/Polyamide
4 = Valve guide	Polyacetal
5 = Filtering element	Polyethylene
6 = Separation deflector	Polyacetal
7 = Knob	Polyamide
8 = Upper spring	Zinc-plated steel
9 = Diaphragm	NBR
10 = Lower spring	Stainless steel
Seals	NBR

MX2 FLOW DIAGRAMS



Pr = Regulated pressure
Q = Flow

Pa = Inlet pressure



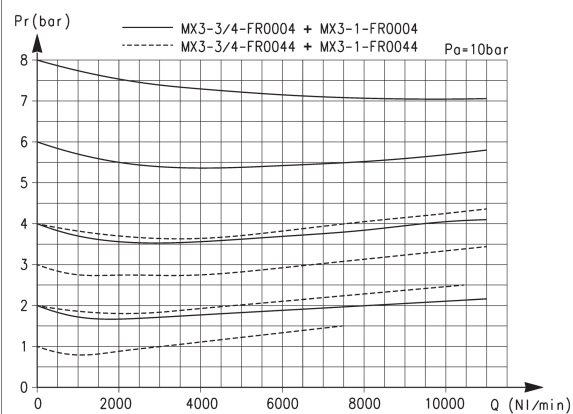
Pr = Regulated pressure
Q = Flow

Pa = Inlet pressure

3

TREATMENT

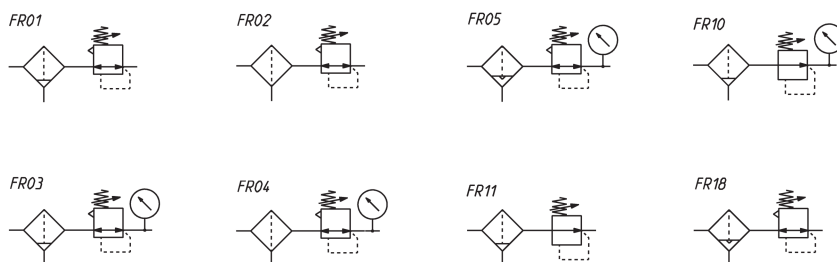
MX3 FLOW DIAGRAM



Pr = Regulated pressure
Q = Flow

Pa = Inlet pressure

PNEUMATIC SYMBOLS



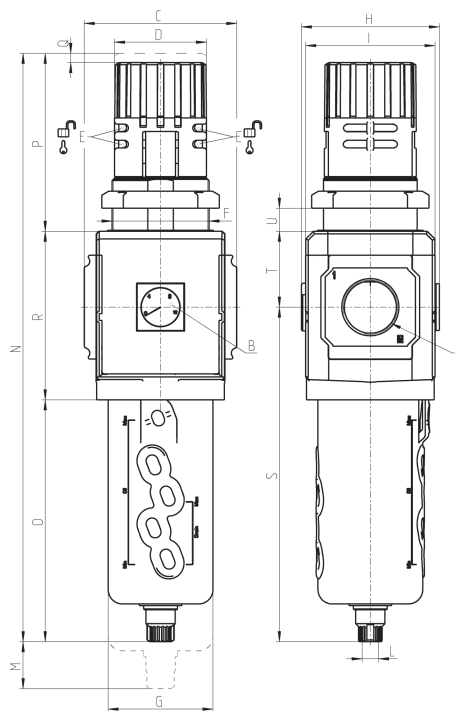
FR01 = filter-regulator with relieving and manual drain
FR02 = filter-regulator with relieving and without drain
FR03 = filter-regulator with relieving, manual drain and pressure gauge
FR04 = filter-regulator with relieving, without drain and with pressure gauge

FR05 = filter-regulator with relieving, automatic drain and pressure gauge
FR10 = filter-regulator with manual drain, without relieving and with pressure gauge
FR11 = filter-regulator with manual drain and without relieving
FR18 = filter-regulator with relieving and automatic drain

3

TREATMENT

Filter-regulators Series MX - dimensions



Mod.	A	B (bar)	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S	T	U	Weight (Kg)
MX2-3/8-FR0004	G3/8	0 ÷ 12	70	45	Ø 4.7	M47x1,5	55,5	74,5	68	G1/8	66	290	127	78	5	85	174,5	37,5	0 ÷ 16	0.8
MX2-1/2-FR0004	G1/2	0 ÷ 12	70	45	Ø 4.7	M47x1,5	55,5	74,5	68	G1/8	66	290	127	78	5	85	174,5	37,5	0 ÷ 16	0.8
MX2-3/4-FR0004	G3/4	0 ÷ 12	70	45	Ø 4.7	M47x1,5	55,5	74,5	68	G1/8	66	290	127	78	5	85	174,5	37,5	0 ÷ 16	0.8
MX3-3/4-FR0004	G3/4	0 ÷ 12	89,5	54	Ø 4	M57x1,5	61,5	81	76	G1/8	75	345	142	104	5	99	196,5	44,5	0 ÷ 20	1.3
MX3-1-FR0004	G1	0 ÷ 12	89,5	54	Ø 4	M57x1,5	61,5	81	76	G1/8	75	345	142	104	5	99	196,5	44,5	0 ÷ 20	1.3

3/1.30.04

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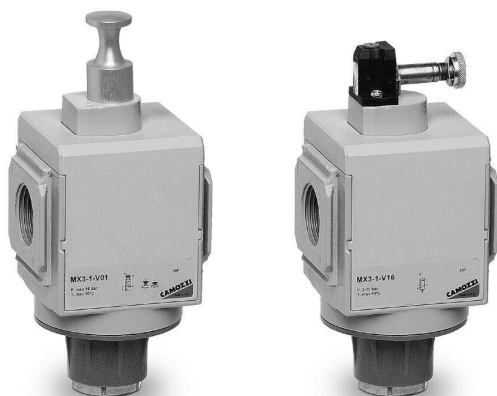
Series MX

lockable isolation 3/2-way valves

MX2 ports: G3/8, G1/2, G3/4 - MX3 ports: G3/4, G1

Modular

Manual, electro-pneumatic, servo-pilot and pneumatic control



- » Standard tamperproof lock-out (manual valve)
- » One/more locks for the lock-out feature (manual valve)
- » Actuation at 24 V, 110 V or 230 V
- » Exhaust in atmosphere
- » Silencers available on request

The Series MX has been realized to offer a multi-sector solution that guarantees saving in terms of installation time, space and costs. A special configurator, available on Camozzi website at <http://catalogue.camozzi.com> (sec. Configurators), allows the customer to choose the most suitable solution for his application, selecting single components or by configuring assembled FRLs.

Manual isolation valves are ideal to allow an easy access to the FRL group. The system is depressurized with the de-activation of the valve.

Electropneumatic isolation valves: ideal where manual access is difficult, they allow a maximum positioning flexibility and are designed to pressurize or depressurize pneumatic systems. The built-in manual override guarantees security in case of an emergency.

GENERAL DATA

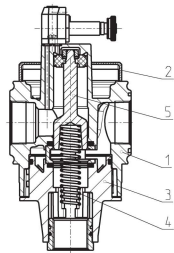
Construction	modular, compact, spool-type
Materials	see TABLE OF MATERIALS (pag. 3/1.35.02)
Ports	MX2: G3/8 - G1/2 - G3/4 MX3: G3/4 - G1
Mounting	in-line wall-mounting (by means of clamps)
Operating temperature	-5°C + 50°C up to 16 bar (with the dew point of the fluid lower than 2°C at the min. working temperature) -5°C + 60°C up to 10 bar (with the dew point of the fluid lower than 2°C at the min. working temperature)
Operating pressure	Manual valve: -0,8 bar ÷ 10 bar Electro-pneumatic valve: 2 bar ÷ 10 bar Servopilot or pneumatic valve: -0,8 bar ÷ 10 bar (with pilot 2 ÷ 10 bar)
Nominal flow	see FLOW DIAGRAMS (pag. 3/1.35.03 e 3/1.35.04)
Nominal exhaust flow at 6 bar with $\Delta p = 1$ bar	MX2: 6000 NI/min MX3: 9200 NI/min
Fluid	compressed air

CODING EXAMPLE

MX	2	-	3/8	-	V	01	-	LH
MX	SERIES							
2	SIZE: 2 = G3/8 - G1/2 - G3/4 3 = G3/4 - G1							
3/8	PORT: 3/8 = G3/8 1/2 = G1/2 3/4 = G3/4 1 = G1							
V	3/2-WAY VALVE							
01	DESIGN TYPE: 01 = lockable manual control 16 = electro-pneumatic control 17 = servo-pilot control 36 = pneumatic control							
LH	FLOW DIRECTION: = from left to right (standard) LH = from right to left							

For the assembly of a single component with fixing flanges or wall-mounting, see the section "FRL Series MX Assembled" (pag. 3/1.50.01)

Lockable isolation 3/2-way valves Series MX - materials



PARTS	MATERIALS
1 = Body	Aluminium
2 = Covering	Polyacetal
3 = Valve holder plug	Polyacetal
4 = Lower spring	Zinc-plated steel
5 = Spool	Stainless steel (MX...V16 - V17 - V36) Aluminium (MX...V01)
Seals	NBR

NOMINAL FLOW DIAGRAM for valves Mod. MX...V01

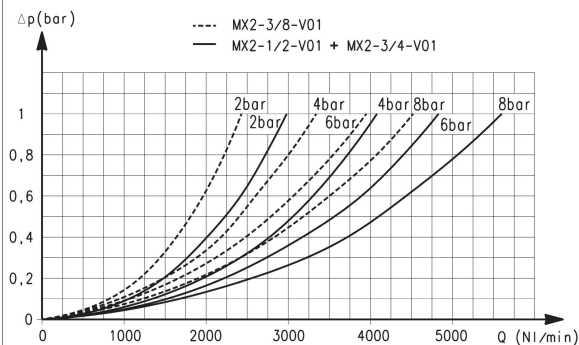


Diagram for lockable manual control valves MX2

Δp = Pressure drop
Q = Flow

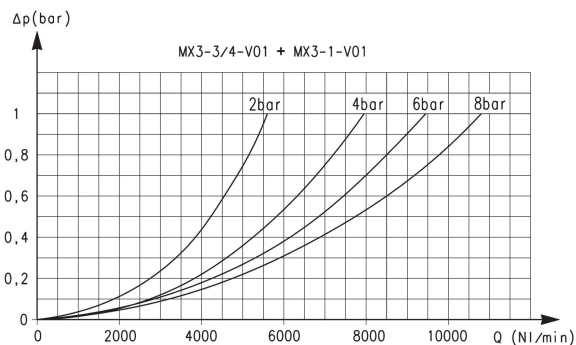


Diagram for lockable manual control valves MX3

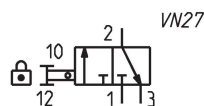
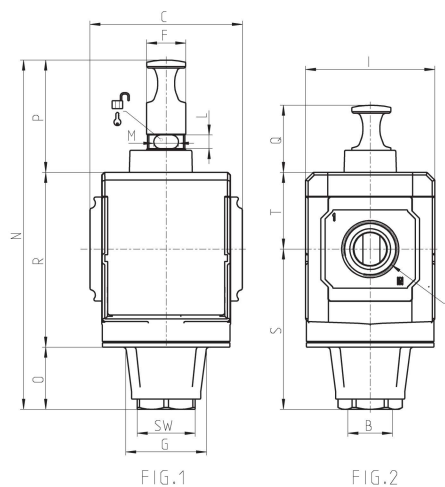
Δp = Pressure drop
Q = Flow

3

TREATMENT

Lockable manual valves Series MX - dimensions

Fig. 1 = closed valve
Fig. 2 = open valve



Mod.	A	B	C	F	G	I	L	M	N	O	P	Q	R	S	SW	T	Weight (Kg)
MX2-3/8-V01	G3/8	G 1/2	70	18	34,5	68	9	8	152	13	51	31	88	63,5	27	37,5	0.5
MX2-1/2-V01	G 1/2	G 1/2	70	18	34,5	68	9	8	152	13	51	31	88	63,5	27	37,5	0.5
MX2-3/4-V01	G3/4	G 1/2	70	18	34,5	68	9	8	152	13	51	31	88	63,5	27	37,5	0.5
MX3-3/4-V01	G3/4	G3/4	89,5	23	48	76	8	14,5	205,5	37	66,5	40	102	94,5	34	44,5	0.9
MX3-1-V01	G1	G3/4	89,5	23	48	76	8	14,5	205,5	37	66,5	40	102	94,5	34	44,5	0.9

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NOMINAL FLOW DIAGRAM for valves Mod. MX...V16 and MX...V36

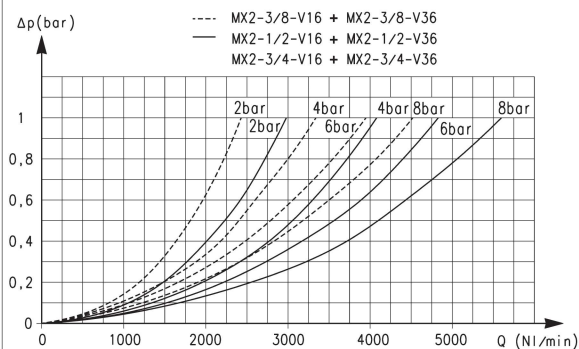


Diagram for electro-pneumatic or pneumatic control valves MX2

Δp = Pressure drop
Q = Flow

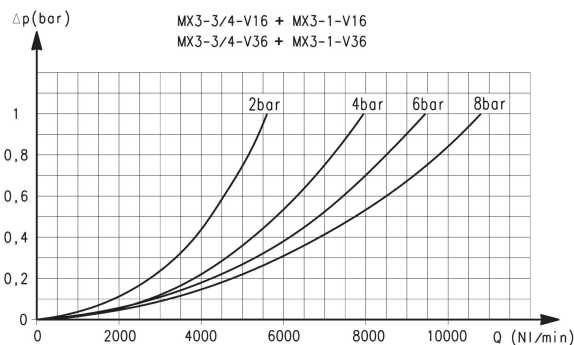


Diagram for electro-pneumatic or pneumatic control valves MX3

Δp = Pressure drop
Q = Flow

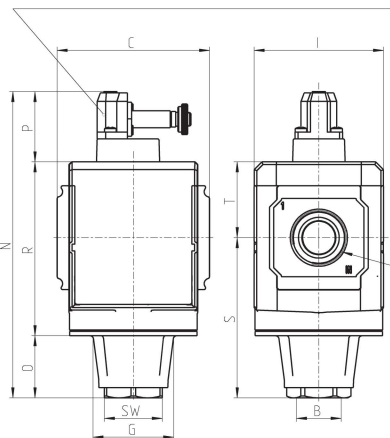
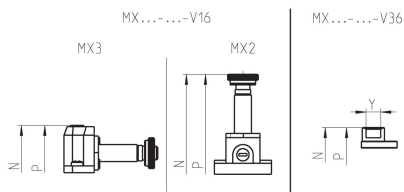
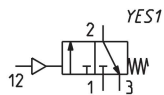
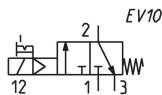
3/2-way isolation valves Series MX - dimensions

Electro-pneumatic or pneumatic valves



EV10 = solenoid valve, 3/2 NC, monostable, with bistable manual override

YES1 = pneumatically operated valve, 3/2, monostable, mechanical spring



Mod.	A	B	C	G	I	N	O	P	R	S	SW	T	Y	Weight (Kg)	Symbol
MX2-3/8-V16	G3/8	G1/2	70	34,5	68	171	13	70	88	63,5	34	37,5	-	0.5	EV10
MX2-1/2-V16	G1/2	G1/2	70	34,5	68	171	13	70	88	63,5	34	37,5	-	0.5	EV10
MX2-3/4-V16	G3/4	G1/2	70	34,5	68	171	13	70	88	63,5	34	37,5	-	0.5	EV10
MX2-3/8-V36	G3/8	G1/2	70	34,5	68	122	13	21	88	63,5	34	37,5	G1/8	0.5	YES1
MX2-1/2-V36	G1/2	G1/2	70	34,5	68	122	13	21	88	63,5	34	37,5	G1/8	0.5	YES1
MX2-3/4-V36	G3/4	G1/2	70	34,5	68	122	13	21	88	63,5	34	37,5	G1/8	0.5	YES1
MX3-3/4-V16	G3/4	G3/4	89,5	48	76	180,5	37	41,5	102	94,5	34	44,5	-	0.9	EV10
MX3-1-V16	G1	G3/4	89,5	48	76	180,5	37	41,5	102	94,5	34	44,5	-	0.9	EV10
MX3-3/4-V36	G3/4	G3/4	89,5	48	76	164	37	25,5	102	94,5	34	44,5	G1/8	0.9	YES1
MX3-1-V36	G1	G3/4	89,5	48	76	164	37	25,5	102	94,5	34	44,5	G1/8	0.9	YES1

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FLOW DIAGRAM for valves Mod. MX...V17

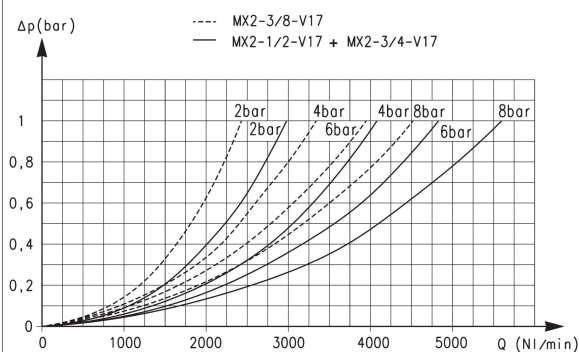


Diagram for servo-pilot control valves MX2

Δp = Pressure drop
Q = Flow

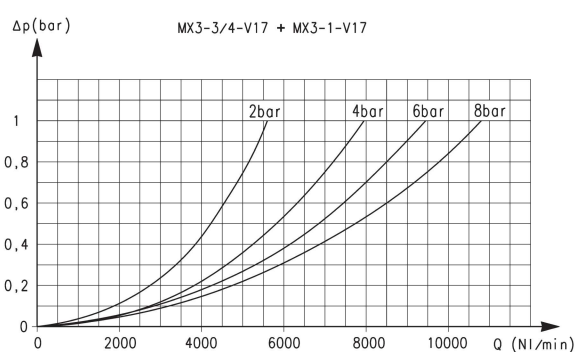


Diagram for servo-pilot control valves MX3

Δp = Pressure drop
Q = Flow

3

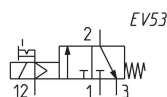
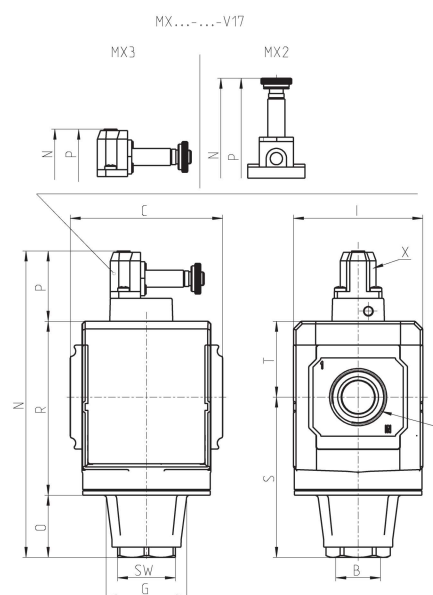
TREATMENT

3/2-way isolation valves Series MX - dimensions

Servo-pilot valves



EV53 = solenoid valve, 3/2, monostable,
solenoid pilot with separate air supply and
bistable manual override



Mod.	A	B	C	G	I	N	O	P	R	S	SW	T	X	Weight (Kg)
MX2-3/8-V17	G3/8	G1/2	70	34,5	68	171	13	70	88	63,5	34	37,5	M5	0.5
MX2-1/2-V17	G1/2	G1/2	70	34,5	68	171	13	70	88	63,5	34	37,5	M5	0.5
MX2-3/4-V17	G3/4	G1/2	70	34,5	68	171	13	70	88	63,5	34	37,5	M5	0.5
MX3-3/4-V17	G3/4	G3/4	89,5	48	76	180,5	37	41,5	102	94,5	34	44,5	M5	0.9
MX3-1-V17	G1	G3/4	89,5	48	76	180,5	37	41,5	102	94,5	34	44,5	M5	0.9

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3/1.35.05

Series MX soft start valves

MX2 ports: G3/8, G1/2, G3/4 - MX3 ports: G3/4, G1
Modular



- » Security function to maintain the command sequence
- » Opening of the main air path at about 50% of the value of the inlet pressure
- » Pressure switches available on request

The Series MX has been realized to offer a multi-sector solution that guarantees saving in terms of installation time, space and costs. A special configurator, available on Camozzi website at <http://catalogue.camozzi.com> (sec. Configurators), allows the customer to choose the most suitable solution for his application, selecting single components or by configuring assembled FRLs.

These soft start valves allow a gradual increase of the pressure in pneumatic systems. The pressure increases slowly according to the set regulation until it reaches half of the set value, then it increases rapidly. The valve poppet shifts slowly and securely to the open position to prevent sudden and unsafe movements of the pneumatic components in the system.

GENERAL DATA

Construction	modular, compact, poppet-type
Materials	see TABLE OF MATERIALS (pag. 3/1.40.02)
Ports	MX2: G3/8 - G1/2 - G3/4 MX3: G3/4 - G1
Mounting	in-line wall-mounting (by means of clamps)
Operating temperature	-5°C ÷ 50°C up to 16 bar (with the dew point of the fluid lower than 2°C at the min. working temperature) -5°C ÷ 60°C up to 10 bar (with the dew point of the fluid lower than 2°C at the min. working temperature)
Operating pressure	2 ÷ 16 bar
Nominal flow (at 6 bar with ΔP 1 bar)	MX2: 5800 l/min (G1/2, G3/4) MX2: 4500 l/min (G3/8) MX3: 8500 l/min
Fluid	compressed air

CODING EXAMPLE

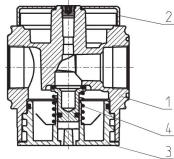
MX	2	-	3/8	-	AV	-	LH
MX	SERIES						
2	SIZE: 2 = G3/8 - G1/2 - G3/4 3 = G3/4 - G1						
3/8	PORT: 3/8 = G3/8 1/2 = G1/2 3/4 = G3/4 1 = G1						
AV	SOFT START VALVE						
LH	FLOW DIRECTION: = from left to right (standard) LH = from right to left						

3

TREATMENT

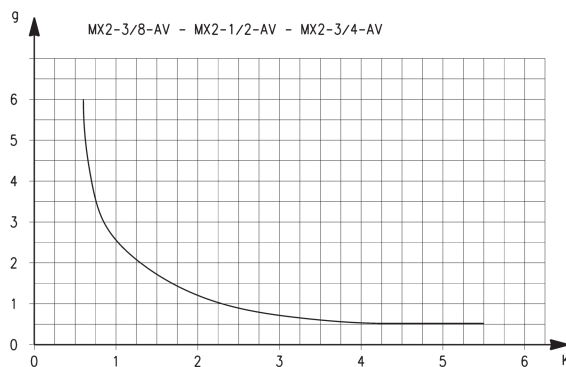
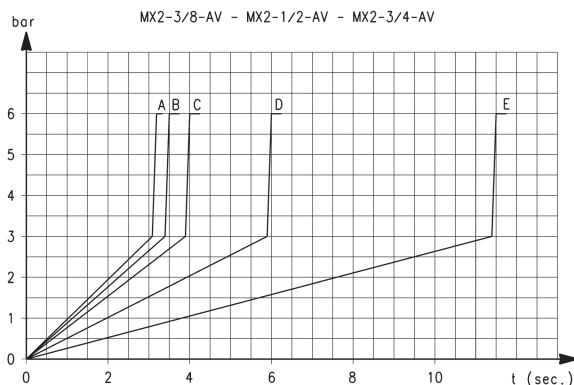
For the assembly of a single component with fixing flanges or wall-mounting, see the section "FRL Series MX Assembled" (pag. 3/1.50.01)

Soft start valves Series MX - materials



PARTS	MATERIALS
1 = Body	Aluminium
2 = Covering	Polyacetal
3 = Valve holder plug	Polyacetal
4 = Lower spring	Stainless steel
Seals	NBR

MX2 DIAGRAMS FOR PRESSURISATION TIMES

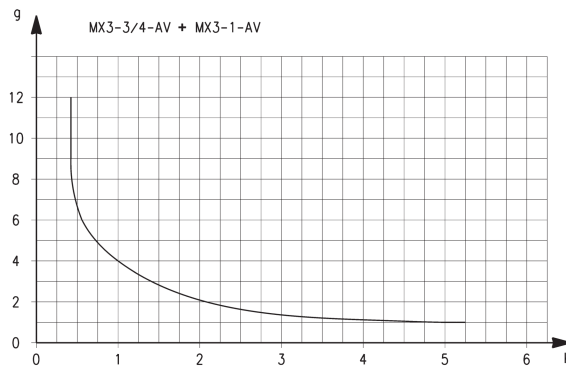
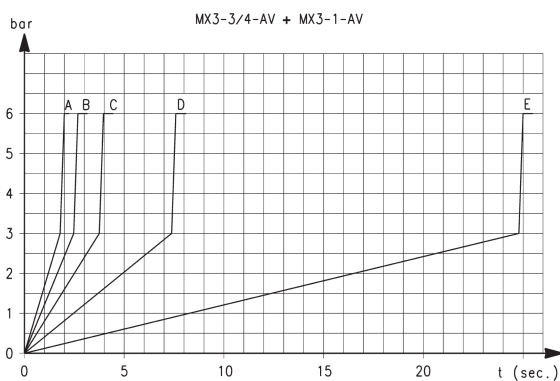


Pressurisation times as to the number of turns of the regulation screw, with downstream volume of 5 litres. A = 5 turns - B = 4 turns - C = 3 turns - D = 2 turns - E = 1 turn. K = number of turns of the regulation screw required to obtain the required pressurisation time with an inlet pressure of 6 bar. Variations of the inlet pressure can cause deviations of the pressure time by $\pm 20\%$. $K = t/V$ where: V = volume of the downstream system in litres; t = desired pressuring time in seconds.

EXAMPLE:
V = 5 litres
t = 16 seconds
 $K = 16/5 = 3,2$

Using in the graph this value K, the number of turns of the regulation screw will be approx. 0,8.

MX3 DIAGRAMS FOR PRESSURISATION TIMES

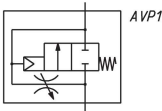
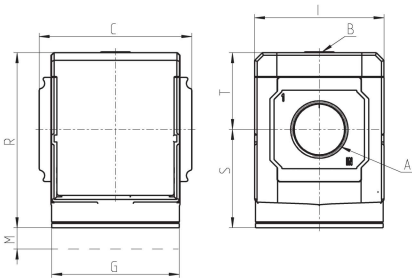


Pressurisation times as to the number of turns of the regulation screw, with downstream volume of 5 litres. A = 5 turns - B = 4 turns - C = 3 turns - D = 2 turns - E = 1 turn. K = number of turns of the regulation screw required to obtain the required pressurisation time with an inlet pressure of 6 bar. Variations of the inlet pressure can cause deviations of the pressure time by $\pm 20\%$. $K = t/V$ where: V = volume of the downstream system in litres; t = desired pressuring time in seconds.

EXAMPLE:
V = 5 litres
t = 16 seconds
 $K = 16/5 = 3,2$

Using in the graph this value K, the number of turns of the regulation screw will be approx. 1,8.

Soft start valves Series MX - dimensions



Mod.	A	B	C	G	I	M	R	S	T	Weight (Kg)
MX2-3/8-AV	G3/8	G1/8	70	65	68	46,5	88	50,5	37,5	0.4
MX2-1/2-AV	G1/2	G1/8	70	65	68	46,5	88	50,5	37,5	0.4
MX2-3/4-AV	G3/4	G1/8	70	65	68	46,5	88	50,5	37,5	0.4
MX3-3/4-AV	G3/4	G1/8	89,5	75	76	48	102	57,5	44,5	0.7
MX3-1-AV	G1	G1/8	89,5	75	76	48	102	57,5	44,5	0.7

Series MX take-off blocks

MX2 port: G1/2 - MX3 port: G1
Modular



- » Compact design
- » Available with or without VNR (no return valve)
- » Pressure switches available on request

The Series MX has been realized to offer a multi-sector solution that guarantees saving in terms of installation time, space and costs. A special configurator, available on Camozzi website at <http://catalogue.camozzi.com> (sec. Configurators), allows the customer to choose the most suitable solution for his application, selecting single components or by configuring assembled FRLs.

The Take-off blocks, when equipped with a no return valve, can be used to bleed non lubricated air.

GENERAL DATA

Construction	modular, compact, diaphragm-type
Materials	see TABLE OF MATERIALS (pag. 3/1.45.02)
Ports	MX2: G1/2 MX3: G1
Take-off ports	MX2: G1/2 MX3: G1
Mounting	in-line wall-mounting (by means of clamps)
Operating temperature	-5°C ÷ 50°C up to 16 bar (with the dew point of the fluid lower than 2°C at the min. working temperature) -5°C ÷ 60°C up to 10 bar (with the dew point of the fluid lower than 2°C at the min. working temperature)
Operating pressure	0 ÷ 16 bar
Nominal flow at 6 bar with $\Delta p = 1$ bar	MX2-1/2-B00 = 6800 NI/min MX2-1/2-B01 = 5700 NI/min MX3-1-B00 = 14500 NI/min MX3-1-B01 = 10500 NI/min
Fluid	compressed air

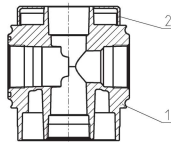
CODING EXAMPLE

MX	2	-	1/2	-	B	00	-	LH
----	---	---	-----	---	---	----	---	----

MX	SERIES
2	SIZE: 2 = G 1/2 3 = G 1
1/2	PORT: 2 = G 1/2 3 = G 1
B	TAKE-OFF BLOCK
00	DESIGN TYPE: 00 = without no return valve (standard) 01 = with no return valve 02 = without no return valve, with double O-ring seat
LH	FLOW DIRECTION: = from left to right (standard) LH = from right to left

For the assembly of a single component with fixing flanges or wall-mounting, see the section "FRL Series MX Assembled" (pag. 3/1.50.01)

Take-off blocks Series MX - materials

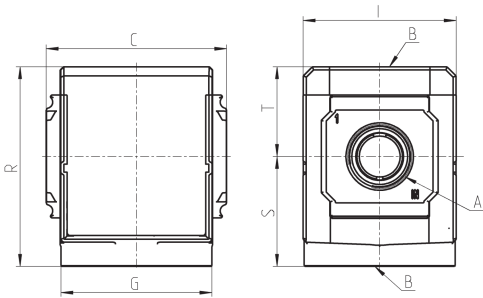


PARTS	MATERIALS
1 = Body	Aluminium
2 = Covering	Polyacetal
Seals	NBR



Series MX take-off blocks - dimensions

TABLE NOTE:
* to complete the code see
the CODING EXAMPLE



BL01 = take-off block

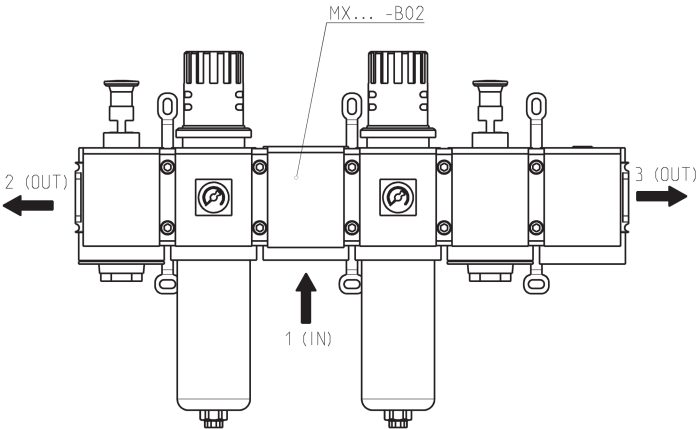


BL02 = take-off block with VNR

Mod.	A	B	C	G	I	R	S	T	Weight (Kg)
MX2-1/2-B*	G1/2	G1/2	70	65	68	86	47,5	38,5	0.4
MX3-1-B*	G1	G1	89,5	75	76	99	54,5	44,5	0.6

Use of the take-off block MX...- B02

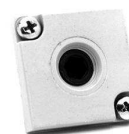
The take-off block with double O-ring seat is particularly suitable when Series MX modules have to be supplied through the same pressure source.
The modules which are connected to the left side are of LH kind.



ACCESSORIES FOR SERIES MX



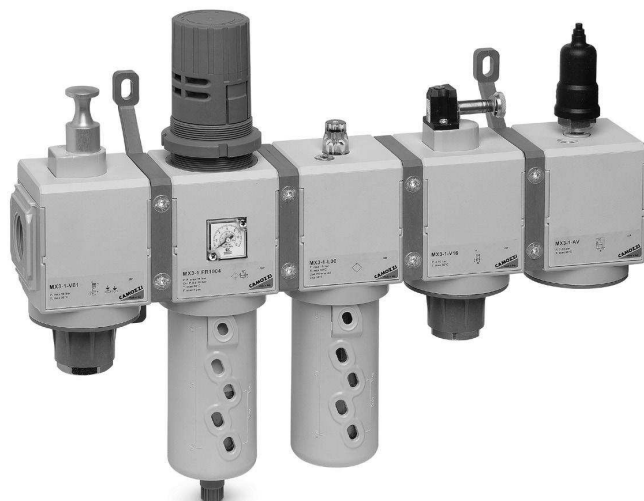
Rapid clamps

Rapid clamps
with bracketsTerminal flanges
(IN/OUT)Fixing brackets
for regulatorsBlock for pressure gauge
fixing

Assembly O-ring

3

TREATMENT



Systems of rapid connections designed to make mounting easier.

Rapid clamp kit Mod. MX2-... and MX3...



The kit MX2-X is supplied with:
1 rapid clamp, 1 O-ring OR 3125 *,
2 exagonal nuts M5, 2 screws M5x69.

The kit MX2-Z is supplied with:
1 rapid clamp, 1 O-ring OR 3125 *,
1 exagonal nut M5, 1 screw M5x69,
1 screw M5x85 for wall fixing.

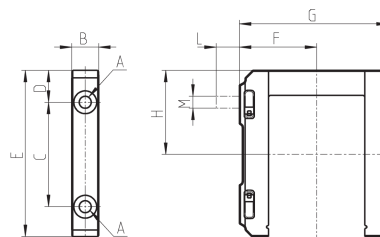
* it can be ordered separately (cod. 160-39-11/19)

The kit MX3-X is supplied with:
1 rapid clamp, 1 O-ring OR 38X2,8 **,
2 square nuts M6, 2 screws M6x75.

The kit MX3-Z is supplied with:
1 rapid clamp, 1 O-ring OR 38X2,8 **,
1 square nut M6, 1 screw M6x75,
1 screw M6x90 for wall fixing.

** it can be ordered separately (OR 38X2,8 NBR)

Materials: technopolymer clamp, NBR O-ring,
zinc-plated steel nuts and screws.



See positioning scheme on
p. 3/1.50.04

DIMENSIONS

Mod.	A	B	C	D	E	F	G	H	L	M	Notes
MX2-X	5.2	12	46	14	73.5	37.5	70.5	37	-	-	
MX2-Z	5.2	12	46	14	73.5	37.5	70.5	37	14	M5	kit with wall fixing screw
MX3-X	6.2	14	54	16.5	86	40	77	43.5	-	-	
MX3-Z	6.2	14	54	16.5	86	40	77	43.5	13	M6	kit with wall fixing screw

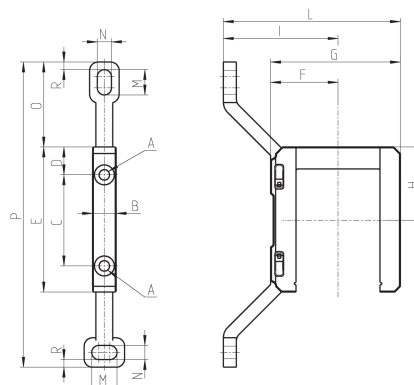


Rapid clamp kit with wall fixing brackets - size 2

The kit MX2-Y is supplied with:
1 wall rapid clamp, 1 O-ring OR 3125 **, 2 exagonal
nuts, 2 screws M5x69.

** it can be separately ordered (cod. 160-39-11/19)

Materials: technopolymer clamp, NBR O-ring, zinc-
plated steel nuts and screws.



See positioning scheme on p.
3/1.50.04

Mod.	A	B	C	D	E	F	G	H	I	L	M	N	O	P	R
MX2-Y	5,2	12	46	14	73,5	32,5	70,5	37	70,5	103	12	6,5	42	152	4

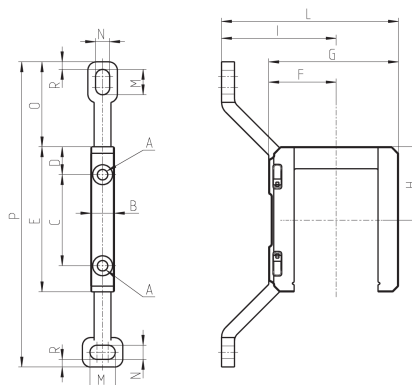


Rapid clamp kit with wall fixing brackets - size 3

The kit MX3-Y is supplied with:
1 wall rapid clamp, 1 O-ring 38X2,8 **,
2 square nuts M6, 2 screws M6x75

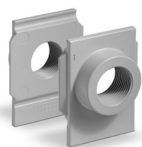
** it can be also separately ordered (OR 38X2,8 NBR)

Materials: technopolymer clamp, NBR O-ring, zinc-plated steel nuts and screws.



See positioning scheme on p.
3/1.50.04

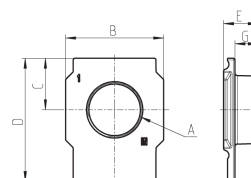
Mod.	A	B	C	D	E	F	G	H	I	L	M	N	O	P	R
MX3-Y	6,2	14	54	16,5	86	40	77	43,5	68	105	15	8,4	50,5	181	4,5



Terminal flanges (IN/OUT)

The kit is supplied with:
- 1 flange INLET side
- 1 flange OUTLET side

Materials: painted aluminium flanges.



Mod.	A	B	C	D	E	G
MX2-3/8-FL	G3/8	50	26,5	63,5	17	11
MX2-1/2-FL	G1/2	50	26,5	63,5	17	11
MX2-3/4-FL	G3/4	50	26,5	63,5	17	11
MX3-3/4-FL	G3/4	58	30,5	73	20,5	13,5
MX3-1-FL	G1	58	30,5	73	20,5	13,5

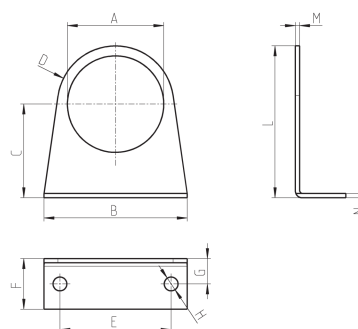
3

TREATMENT



Fixing bracket for regulators

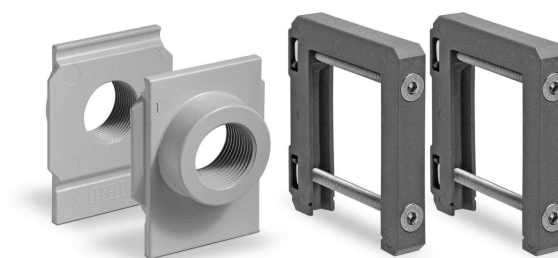
The kit is supplied with 1 zinc-plated steel bracket



Mod.	A	B	C	D	E	F	G	H	L	M	N
MX2-S	Ø 47,2	73	60,5	R29,5	54	25	15	Ø 6,2	90	2,5	2,5
MX3-S	Ø 57,2	85	55,5	R34,5	66	30	15	Ø 8,2	90	2,5	2,5

Rapid clamps kit + flanges

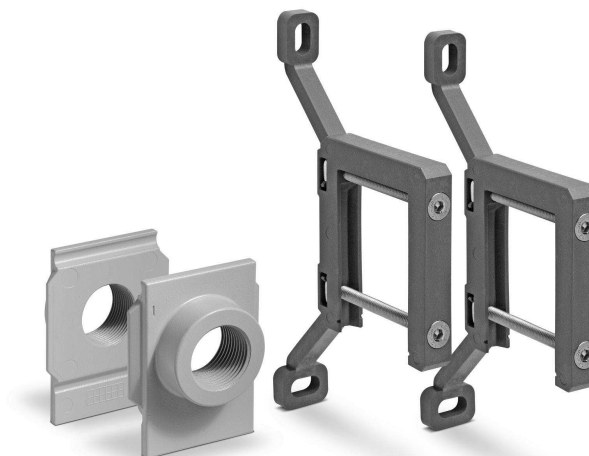
See positioning scheme on page 3/1.50.04



Mod.	The kit is supplied with:
MX2-3/8-HH	1x MX2-3/8-FL + 2x MX2-X
MX2-1/2-HH	1x MX2-1/2-FL + 2x MX2-X
MX2-3/4-HH	1x MX2-3/4-FL + 2x MX2-X
MX2-3/8-JJ	1x MX2-3/8-FL + 2x MX2-Z
MX2-1/2-JJ	1x MX2-1/2-FL + 2x MX2-Z
MX2-3/4-JJ	1x MX2-3/4-FL + 2x MX2-Z
MX3-3/4-HH	1x MX3-3/4-FL + 2x MX3-X
MX3-1-HH	1x MX3-1-FL + 2x MX3-X
MX3-3/4-JJ	1x MX3-3/4-FL + 2x MX3-Z
MX3-1-JJ	1x MX3-1-FL + 2x MX3-Z

Rapid clamps kit with wall fixing brackets + flanges

See positioning scheme on page 3/1.50.04.



Mod.	The kit is supplied with:
MX2-3/8-KK	1x MX2-3/8-FL + 2x MX2-Y
MX2-1/2-KK	1x MX2-1/2-FL + 2x MX2-Y
MX2-3/4-KK	1x MX2-3/4-FL + 2x MX2-Y
MX3-3/4-KK	1x MX3-3/4-FL + 2x MX3-Y
MX3-1-KK	1x MX3-1-FL + 2x MX3-Y

3/1.49.04

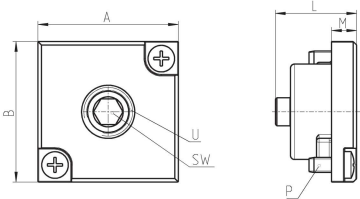
Products designed for industrial applications.
General terms and conditions for sale are available on www.camozzi.com.

New

Block for pressure gauge fixing

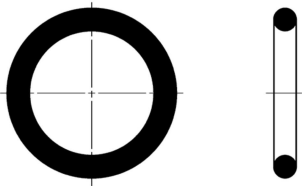


The kit is supplied with:
1 block
1 grain
2 screws
1 seal



DIMENSIONS							
Mod.	A	B	L	M	P	U	SW
MX2-R26-P	28	28	16.5	5	M3X7	1/8	5
MX3-R26-P	28	28	16.5	5	M3X7	1/4	6

O-ring for assembling



Mod.	O-ring	For assembly
160-39-11/19	OR 3125	MX2
OR 38X2,8 NBR	OR 38X2,8	MX3