

# Lubricators Series MX

New 

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	da 3°E + 10°E (ask our engineers)
Operating pressure	0 + 16 bar
Min. air consumption for lubrication at 1 bar	50 NI/min
Min. air consumption for lubrication at 6 bar	95 NI/min
Nominal flow	see FLOW DIAGRAMS (pag 3/1.25.03)

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TREATMENT

**CODING EXAMPLE**

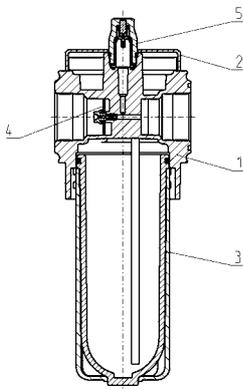
<b>MX</b>	<b>2</b>	<b>-</b>	<b>3/8</b>	<b>-</b>	<b>L</b>	<b>00</b>
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<b>MX</b>	SERIES
<b>2</b>	SIZE: 2 = G3/8 - G1/2 - G3/4 3 = G3/4 - G1
<b>3/8</b>	PORT: 1/2 = G1/2 3/4 = G3/4 1 = G1
<b>L</b>	LUBRICATOR
<b>00</b>	DESIGN TYPE: 00 = atomized oil

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)

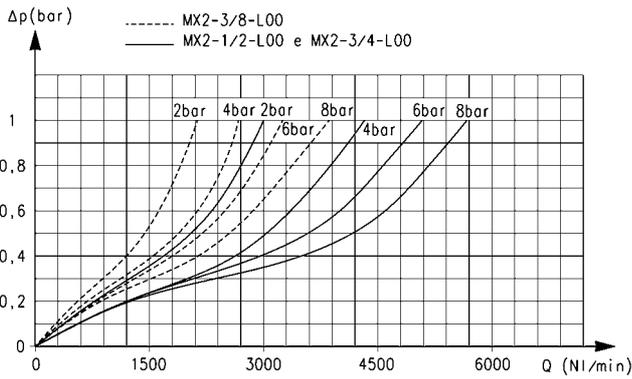
**3**

TREATMENT

**Lubricators Series MX - materials**
**New**


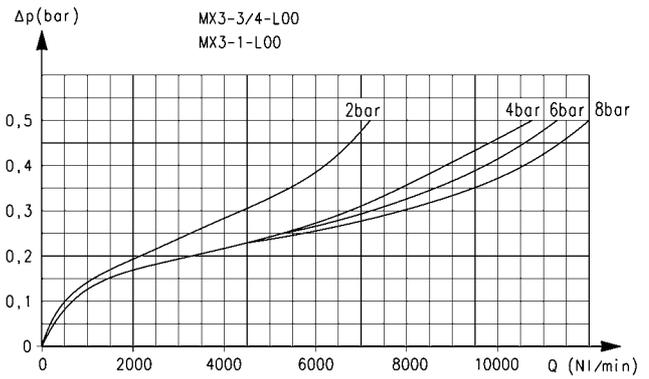
PARTS	MATERIALS
<b>1 = Body</b>	Aluminium
<b>2 = Covering</b>	Polyacetal
<b>3 = Bowl with technopolymer cover</b>	Polycarbonate/Polyamide
<b>4 = Diaphragm</b>	NBR
<b>5 = Viewer</b>	Polyamide
<b>Seals</b>	NBR

FLOW DIAGRAMS



Reference diagram for MX2

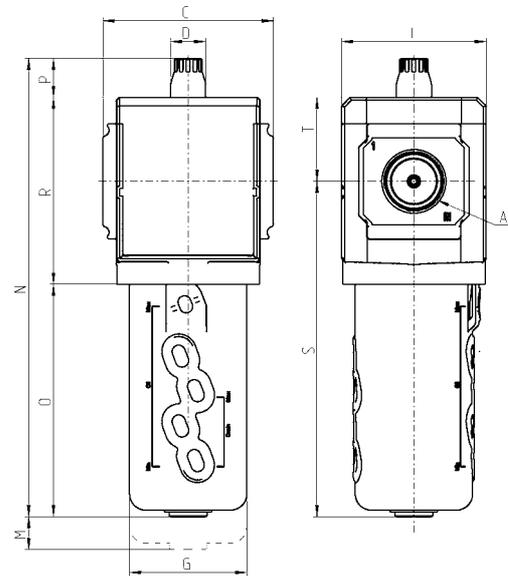
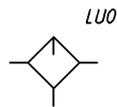
$\Delta p$  = Pressure drop  
Q = Flow



Reference diagram for MX3

$\Delta p$  = Pressure drop  
Q = Flow

Lubricators Series MX - dimensions



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

The company reserves the right to vary models and dimensions without notice.  
Products designed for industrial applications. Sale to general public is forbidden.