

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
- » Metal bowl also available

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.

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.

GENERAL	DATA
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Construction	modular, compact
Materials	see TABLE OF MATERIALS on the following page
Ports	MX2: G3/8 - G1/2 - G3/4 MX3: G3/4 - G1
Oil capacity	MX2: 118 cm ³ MX3: 170 cm ³
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 Nl/min MX3: 50 Nl/min
Min. air consumption for lubrication at 6 bar	MX2: 38 Nl/min MX3: 90 Nl/min
Nominal flow	see FLOW DIAGRAMS on the following pages

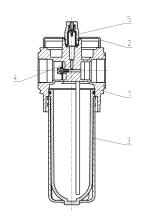
Products designed for industrial applications. General terms and conditions for sale are available on www.camozzi.com

CODING EXAMPLE

МХ	2 - 1/2 - L 00 M - LH
MX	SERIES
2	SIZE: 2 = G3/8 - G1/2 - G3/4 3 = G3/4 - G1
1/2	PORT: 1/2 = G1/2 3/4 = G3/4 1 = G1
L	LUBRICATOR
00	DESIGN TYPE: 00 = atomized oil
М	TYPE OF BOWL: = polymer (standard) M = metal (for MX2-1/2 and MX3-1 only)
LH	FLOW DIRECTION: = from left to right (standard) LH = from right to left

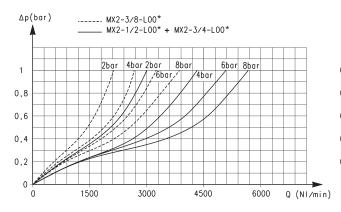
For the assembly of a single component with fixing flanges or wall-mounting, see the section "FRL Series MX Assembled"

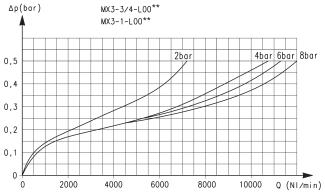
Lubricators Series MX - materials



PARTS	MATERIALS
1 = Body	Aluminium
2 = Covering	Polyacetal
3 = Bowl / bowl cover	Polycarbonate/Polyamide/Aluminium
4 = Diaphragm	NBR
5 = Visual indicator	Polyamide
Seals	NBR

FLOW DIAGRAMS





Reference diagram for MX2

Δp = Pressure drop (bar) Q = Flow (Nl/min) Reference diagram for MX3

Δp = Pressure drop (bar) Q = Flow (Nl/min)

Lubricators Series MX - dimensions



LUO = lubricator



Mod.	А	С	D	G	I	М	Ν	0	Р	R	S	Т	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	Gl	89.5	18.5	61.5	76	100	243	123	21	99	178	44.5	0.8
MX2-1/2-L00M	G1/2	70	18.5	60	68	84.5	212	106.5	20.5	85	154	37.5	0.6
MX3-1-L00M	Gl	89.5	18.5	67	76	100	242	122	21	99	177	44.5	0.8

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