

LUBRICATORS

SERIES MX

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

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://shop.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

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: 170 cm ³ MX3: 230 cm ³
Oil refilling	Even during use
Mounting	Vertical in-line Wall-mounting (by means of clamps)
Working 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
Min. air consumption for lubrication at 1 bar	MX2: 17 l/min MX3: 50 l/min
Min. air consumption for lubrication at 6 bar	MX2: 38 l/min MX3: 90 l/min
Nominal flow	See FLOW DIAGRAMS on the following pages

LUBRICATORS
SERIES MX - CODING EXAMPLES

Coding Example

MX	2	-	1/2	-	L	00	-	LH
MX	SERIES							
2	SIZE 2 = G3/8 - G1/2 - G3/4 3 = G3/4 - G1							
1/2	PORT 3/8 = G3/8 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							

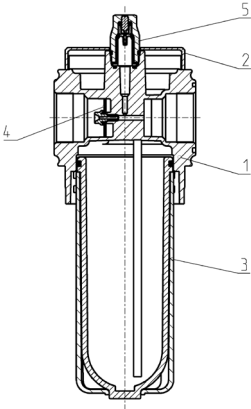
For the assembly of a single component with fixing flanges or wall-mounting, see the section "FRL Series MX Assembled".

AIR TREATMENT

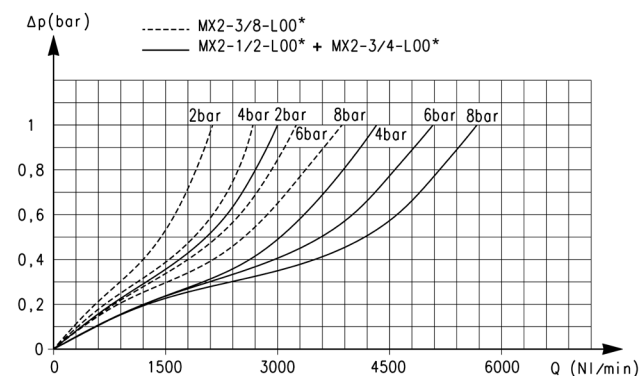
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Lubricators Series MX - materials

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

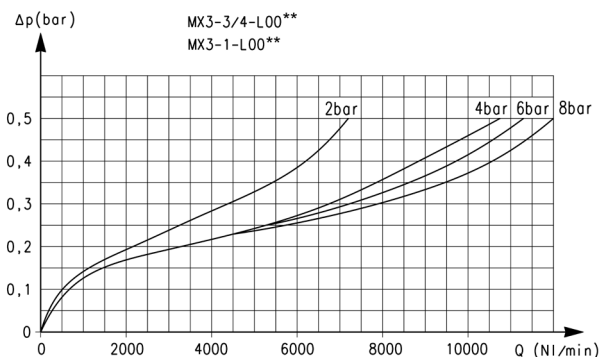


Flow diagrams



* Reference diagram for MX2

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

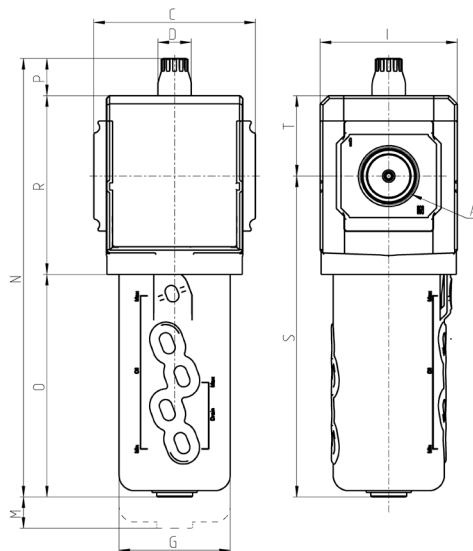


** Reference diagram for MX3

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

Lubricators Series MX - dimensions

LU01 = Lubricator



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