Series MD lubricators

New

Ports with interchangeable cartridges: threaded (1/8, 1/4, 3/8) or integrated with super-rapid fitting for tube with Ø 6, 8 and 10 mm
Modular assembly
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
- Additional air intakes with the same characteristics of the outlet air (line)

The lubricator allows the nebulization of lubricating oil which is necessary to the functioning of components in specific conditions of use.

By means of a regulation screw the amount of oil can be properly adjusted in order to avoid unnecessary overdoses.

GENERAL DATA

Construction	modular, compact
Materials	see TABLE OF MATERIALS (pag. 3/0.25.02)
Ports	with interchangeable cartridges: 1/8, 1/4 and 3/8 threaded or integrated with super-rapid fitting for tube with Ø 6, 8 and 10 mm
Oil capacity	40 cc
Oil refilling	even during use
Mounting	in vertical position by means of through holes in the body
Operating temperature	-5°C ÷ 50°C up to 16 bar
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	15 Nl/min
Min. air consumption for lubrication at 6 bar	25 Nl/min
Nominal flow	see FLOW DIAGRAMS (pag 3/0.25.03)

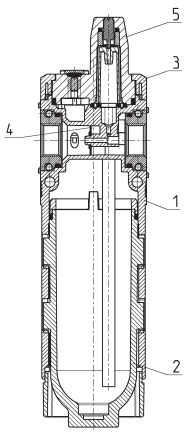
Products designed for industrial applications.
General terms and conditions for sale are available on www.camozzi.com.

CODING EXAMPLE

MD	1	-	L	0	0	-	1/8

MD	SERIES
1	DIMENSION: 1 = 42 mm
L	LUBRICATOR
00	DESIGN TYPE: 00 = oil mist with refill valve 10 = oil mist WITHOUT refill valve
1/8	PORTS (IN - OUT)*: = without ports 1/8 = G1/8 1/4 = G1/4 3/8 = G3/8 6 = tube Ø6 8 = tube Ø8 10 = tube Ø10 * NOTE: if the inlet port is different from the outlet port, both values shall be indicated. Example: MD1-L00-1/8-1/4

Series MD lubricators - materials



PARTS	MATERIALS
1 = Body	Polyamide
2 = Tank	Polycarbonate
3 = Covering	Polyamide
4 = Diaphragm	NBR
5 = Visual indicator	Polycarbonate
Seals	NBR

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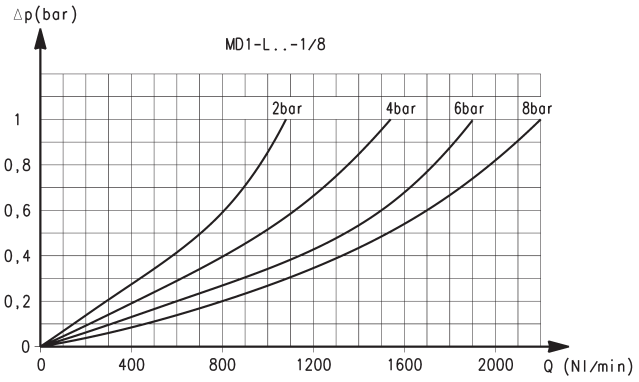
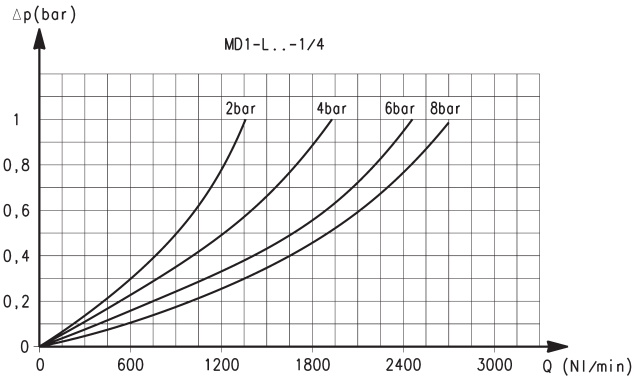
FLOW DIAGRAMS



Ports with interchangeable 1/8 threaded cartridges

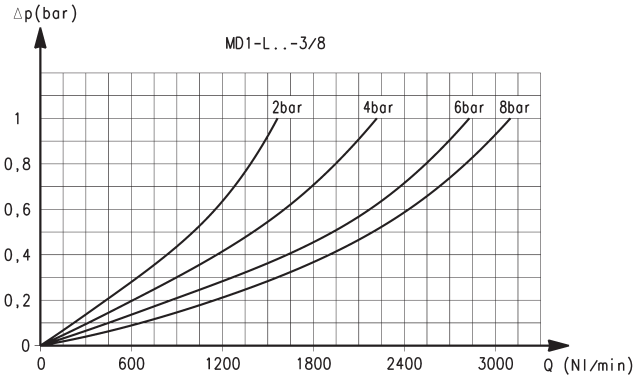
Δp = Pressure drop
Q = Flow



Ports with interchangeable 1/4 threaded cartridges

Δp = Pressure drop
Q = Flow

FLOW DIAGRAMS



Ports with interchangeable 3/8 threaded cartridges

Δp = Pressure drop
Q = Flow

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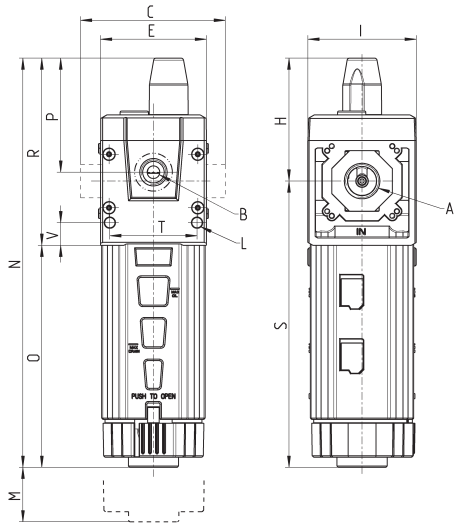
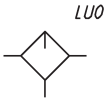
Series MD lubricators - dimensions





DIMENSIONS

Mod.	A	B	C	E	H	I	L	M	N	O	P	R	S	T	V	Weight (Kg)
MD1-L00	-	G1/8	42	42	48.7	43	Ø4	75	162.2	88	45.2	74.2	113.5	34.6	9	0.2
MD1-L00-1/8	G1/8	G1/8	42	42	48.7	43	Ø4	75	162.2	88	45.2	74.2	113.5	34.6	9	0.2
MD1-L00-1/4	G1/4	G1/8	42	42	48.7	43	Ø4	75	162.2	88	45.2	74.2	113.5	34.6	9	0.2
MD1-L00-3/8	G3/8	G1/8	42	42	48.7	43	Ø4	75	162.2	88	45.2	74.2	113.5	34.6	9	0.2
MD1-L00-6	Ø6	G1/8	47	42	48.7	43	Ø4	75	162.2	88	45.2	74.2	113.5	34.6	9	0.2
MD1-L00-8	Ø8	G1/8	62	42	48.7	43	Ø4	75	162.2	88	45.2	74.2	113.5	34.6	9	0.2
MD1-L00-10	Ø10	G1/8	67	42	48.7	43	Ø4	75	162.2	88	45.2	74.2	113.5	34.6	9	0.2

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