

COMPRESSED AIR LUBRICATORS

DESCRIPTION	PRESSURE RANGE	CONNECTION	DEVICE	PAGE
	max. bar	thread		
made of plastic	16	G $\frac{1}{4}$ - G1	L042 ... L095	18.02
„Maxi“-Series, robust, block design	17	G $\frac{1}{2}$ - G1	L20	18.03
„Standard“-Series, robust	21	G $\frac{3}{4}$ - G2	L606	18.04
Series „D“, made of aluminium	30	G $\frac{1}{8}$ - G2	LD	18.06



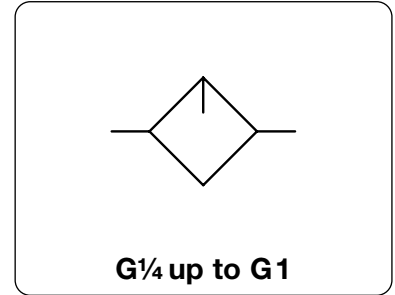
18

Lubricator



18

Description	Standard type mist lubricator which lubricates in proportion to flow rate. The modular lubricator can be interlocked with other instruments of the same series. Wall mounting through two drilled holes in the body, except for L095.	
Bowl	plastic version with bowl guard	
Operating pressure	max. 12,5 bar,	max. 16 bar for Series 042 max. 7 bar for lubricator with oil level indicator
Oil refilling	with semiautomatic oil refilling the oil is drawn into the bowl by a vacuum at the push of a button without need to interrupt operation.	
Oil level indicator	if the oil level falls below the limit value, a float will close a signal contact. Contact: NO Voltage: max. 115 V	
Temperature range	0 °C to 50 °C / 32 °F to 122 °F	
Material	Body: nylon, POM at Series 042 Bowl: polyamide	Elastomer: NBR/Buna-N Inner valve: brass



Dimensions			Bowl	Flow	Operating	Connection	Order	
A	B	C	Design	Capacity	rate	pressure	thread	number
mm	mm	mm	made of / with	l	m ³ /h*1	l/min*1	max. bar	G

Lubricator, made of plastic				operating pressure max. 12.5 / 16 bar			L0		
42	157	105	plastic	0.04	120	2 000	16.0	G $\frac{1}{4}$	L042-02
52	185	127	bowl guard	0.07	120	2 000	12.5	G $\frac{3}{8}$	L050-03
52	185	127		0.07	126	2 100	12.5	G $\frac{1}{2}$	L052-04
63	227	159		0.14	210	3 500	12.5	G $\frac{1}{2}$	L075-04
137	227	159		0.14	216	3 600	12.5	G $\frac{3}{4}$	L080-06
95	300	220		0.44	900	15 000	12.5	G1	L095-08



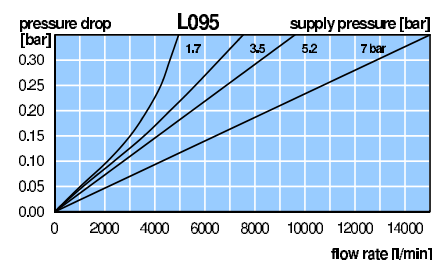
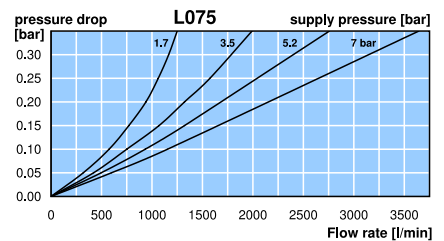
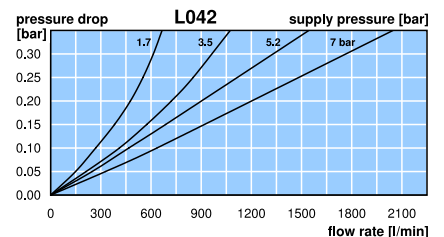
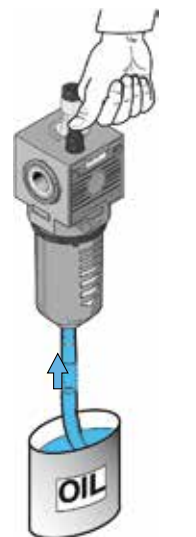
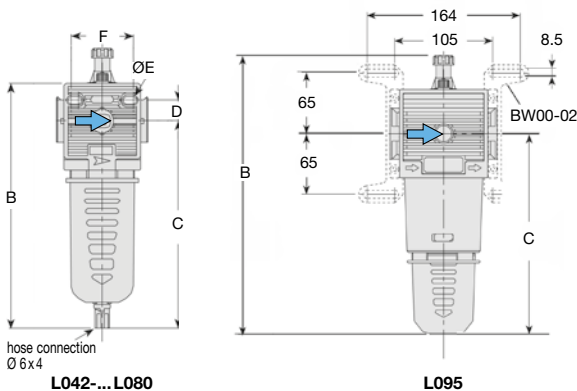
L042 L052
semiautomatic oil refilling

Special options, add the appropriate letter				
semiautomatic oil refilling	P _{min.} 3 bar		for L042 to L080	L0...0.X65
oil level indicator	P _{max.} 7 bar	115 V/NO	for L050 to L095	L0...0.X66

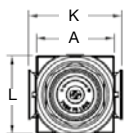


L075 L080

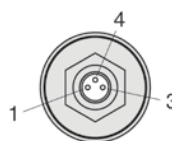
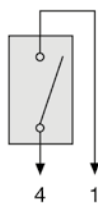
Accessories, enclosed			
set of brackets	made of steel	for L095	BW00-02



Series	D	Ø E	F	K	L
L042	10.5	4.5	31	-	42
L050/52	16	5.5	41	63	52
L075	17.5	5.5	45	75	63
L080	17.5	5.5	45	-	63
L095	-	-	-	115	95



oil level indicator



oil level indicator

*1 at 10 bar operating pressure and 0.33 bar pressure drop

* Product group

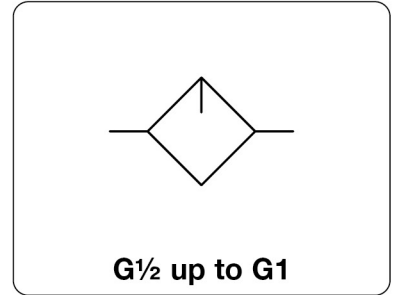
Extensions: see chapter for FRL service units

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Order example:
L042-02

Description	Standard type mist lubricator of modular design with exchangeable insert kits. Can be interlocked with a filter or regulator without need for double nipples. A bypass valve and venturi nozzle guarantee low pressure drop and uniform lubrication of the compressed air. All "maxi" instruments are easy to take out of fixed piping by simply removing the two fastening bolts on the insert kits.		
Bowl	metal bowl with sight glass		
Operating pressure	max. 17 bar		
Oil refilling	oil refilling under pressure possible		
Oil level indicator	red ball inside the sight glass indicates oil level		
Temperature range	0 °C to 70 °C / 32 °F to 158 °F		
Material	Body: Bowl:	zinc die-cast zinc die-cast	Sight glass: Elastomer: polyurethane NBR/Buna-N



Dimensions			Bowl	Flow	Operating	Connection	Order	A*
A	B	C	Design	rate	pressure	thread	number	
mm	mm	mm	made of/with	m³/h*1	l/min*1	max. bar	G	

"Maxi" lubricator				operating pressure max. 17 bar				L20	
89	229	170	metal/sight glass	0.3	336	5600	17	G½	L20-04W
111	229	170	metal/sight glass	0.3	420	7000		G¾	L20-06W
					438	7300		G1	L20-08W



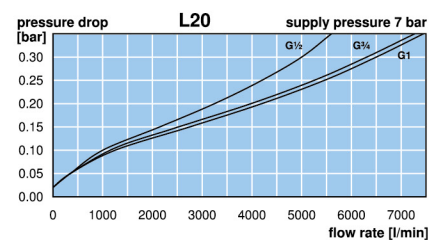
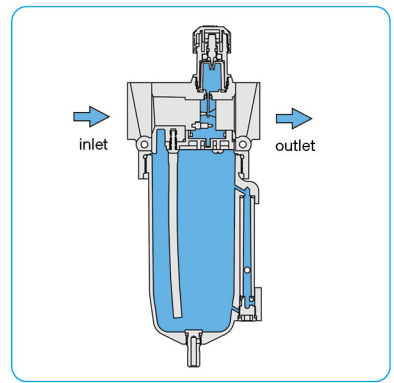
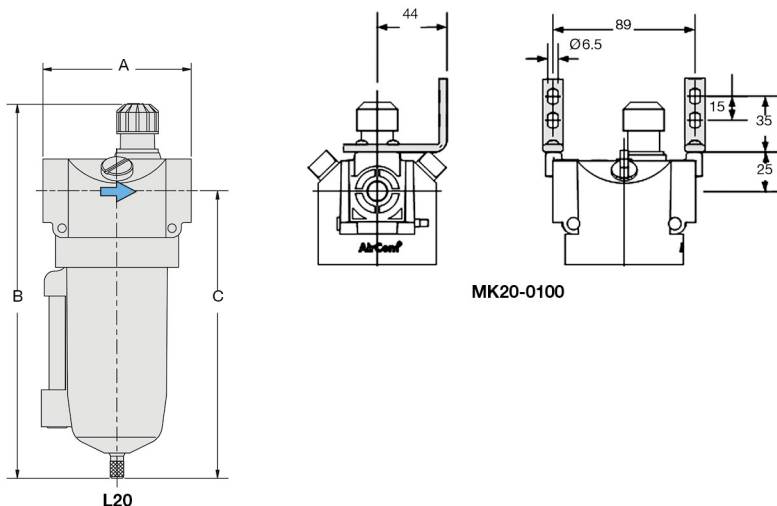
L20

Special options, add the appropriate letter

NPT	connection thread	L20-0.WN
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Accessories, enclosed

set of brackets	made of steel	MK20-0100
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*1 at 7 bar operating pressure and 0.33 bar pressure drop

* Product group

Extensions: see chapter for FRL service units

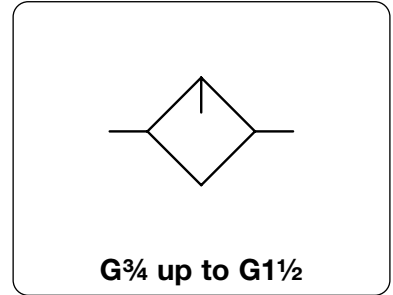
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Order example:
L20-04W



Description	Compressed air lubricator of solid design and small size. Proven in operation and suitable for many applications. Available in all standard sizes and in many versions.
Bowl	metal version with or without sight glass
Operating pressure	max. 17 bar for metal bowl with sight glass max. 21 bar for metal bowl without sight glass
Temperature range	0 °C to 70 °C / 32 °F to 158 °F for metal bowl with sight glass, from G $\frac{3}{4}$ on 0 °C to 80 °C / 32 °F to 176 °F for metal bowl with/without sight glass for appropriately conditioned compressed air down to -30 °C / -22 °F
Material	Body: zinc die-cast Bowl: zinc die-cast or steel Elastomer: NBR/Buna-N



Dimensions			Bowl	Flow	Operating	Connection	Order	
A	B	C	design	rate	pressure	thread	number	A*
mm	mm	mm	made of/ with	l m ³ /h*1	l/min*1	max. bar	G	

„Standard“ lubricator								L606	
103	251	184	metal/sight glass	0.50	492	8200	17	G $\frac{3}{4}$	L606-06W
103	340	273	steel	1.00			21		L606-06E
103	306	239	steel/sight glass	2.00			17		L606-06G
103	251	184	metal/sight glass	0.50	540	9000	17	G1	L606-08W
103	340	273	steel	1.00			21		L606-08E
103	306	239	steel/sight glass	2.00			17		L606-08G
122	266	194	metal/sight glass	0.50	1020	17000	17	G1 $\frac{1}{4}$ *2	L606-10W
122	355	283	steel	1.00			21		L606-10E
122	300	228	steel/sight glass	2.00			17		L606-10G
122	266	194	metal/sight glass	0.50	1020	17000	17	G1 $\frac{1}{2}$	L606-12W
122	355	283	steel	1.00			21		L606-12E
122	300	228	steel/sight glass	2.00			17		L606-12G

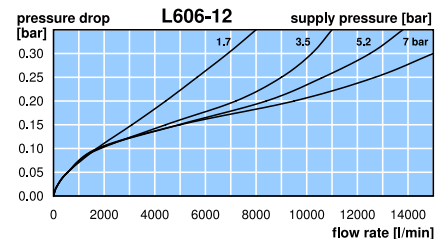
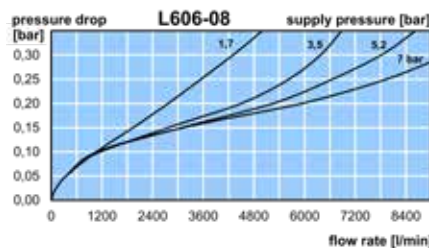
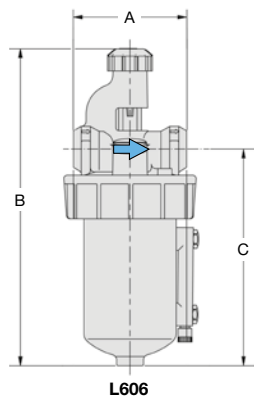


Special options, add the appropriate letter

flange connection see chapter for stainless steel devices / flanges L606-...F.



Lubricator
18



*1 at 7 bar operating pressure and 0.33 bar pressure drop

* Product group

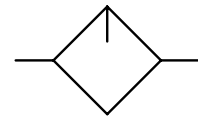
Extensions: see chapter for FRL service units

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Order example:
L606-06W

Description	Good value aluminium compressed air lubricator of solid design lubricating in proportion to flow rate.
Bowl	metal version with or without sight glass
Operating pressure	max. 16 bar for metal bowl with sight glass max. 30 bar for metal bowl without sight glass
Temperature range	-20 °C to 60 °C / -4 °F to 140 °F for metal bowl with sight glass -30 °C to 80 °C / -22 °F to 176 °F for metal bowl without sight glass
Material	Body: aluminium Bowl: aluminium or zinc die-cast Elastomer: NBR/Buna-N



G¹/₈ up to G2

Dimensions			Bowl	Flow	Operating	Connection	Order	A*
A	B	C	Design	rate	pressure	thread	number	
mm	mm	mm	made of/with	l/min*1	max. bar	G		

Lubricator series "D"

								LD	
40	161	115	metal/sight glass	0.05	36	600	16	G ¹ / ₈	LD-01M
			metal	0.05			30		LD-01N
40	161	115	metal/sight glass	0.05	40	660	16	G ¹ / ₄	LD-02M
			metal	0.05			30		LD-02N
64	215	137	metal/sight glass	0.18	144	2400	16	G ³ / ₈	LD-03M
			metal				30		LD-03N
64	215	137	metal/sight glass	0.18	156	2600	16	G ¹ / ₂	LD-04M
			metal				30		LD-04N
130	248	176	metal/sight glass	0.50	420	7000	16	G ³ / ₄	LD-06M
			metal				30		LD-06N
130	248	176	metal/sight glass	0.50	480	8000	16	G1	LD-08M
			metal				30		LD-08N
241	248	176	metal/sight glass	0.50	540	9000	16	G1 ¹ / ₄	LD-10M
			metal				30		LD-10N
241	248	176	metal/sight glass	0.50	600	10000	16	G1 ¹ / ₂	LD-1AM
			metal				30		LD-1AN
215	316	223	metal/sight glass	1.20	1620	27000	16	G1 ¹ / ₂	LD-12M
			metal				30		LD-12N
215	316	223	metal/sight glass	1.20	1680	28000	16	G2	LD-16M
			metal				30		LD-16N



LD-01M/-02M



LD-03M/-04M



LD-06M/-08M

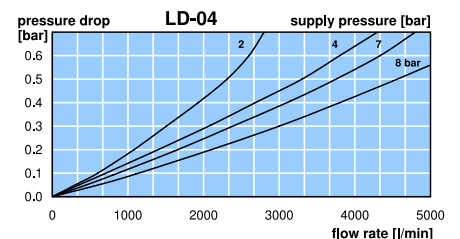
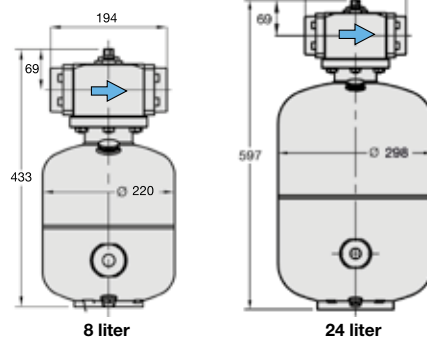
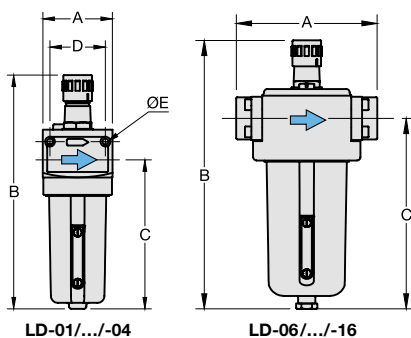


LD-12M/-16M

Special options, add the appropriate letter

8 liter bowl	made of stainless steel, max. 30 bar	for G1 ¹ / ₂ (12) and G2	LD- 1.M08
24 liter bowl	made of stainless steel, max. 30 bar	for G1 ¹ / ₂ (12) and G2	LD- 1.M24

Type	D	Ø E
LD-01/02	30	4.5
LD-03/04	51	5.5



*1 at 7 bar operating pressure and 0.33 bar pressure drop

* Product group

Extensions: see chapter for FRL service units

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Order example:
LD-01M

