

# COMPRESSED AIR LUBRICATORS

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



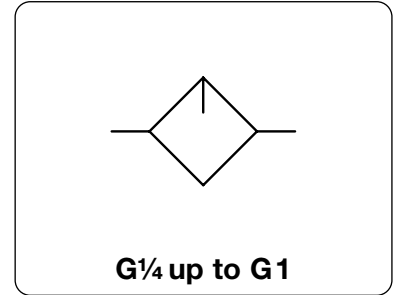
# 18

Lubricator



18

<b>Description</b>	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.	
<b>Bowl</b>	plastic version with bowl guard	
<b>Operating pressure</b>	max. 12,5 bar,	max. 16 bar for Series 042 max. 7 bar for lubricator with oil level indicator
<b>Oil refilling</b>	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.	
<b>Oil level indicator</b>	if the oil level falls below the limit value, a float will close a signal contact. Contact: NO Voltage: max. 115 V	
<b>Temperature range</b>	0 °C to 50 °C / 32 °F to 122 °F	
<b>Material</b>	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	rate	pressure	thread	number
mm	mm	mm	made of / with	m³/h*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	G1/4	L042-02
52	185	127	bowl guard	0.07	120	2 000	12.5	G3/8	L050-03
52	185	127		0.07	126	2 100	12.5	G1/2	L052-04
63	227	159		0.14	210	3 500	12.5	G1/2	L075-04
137	227	159		0.14	216	3 600	12.5	G3/4	L080-06
95	300	220		0.44	900	15 000	12.5	G1	L095-08



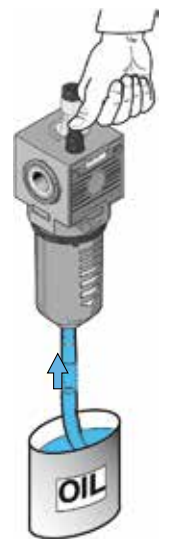
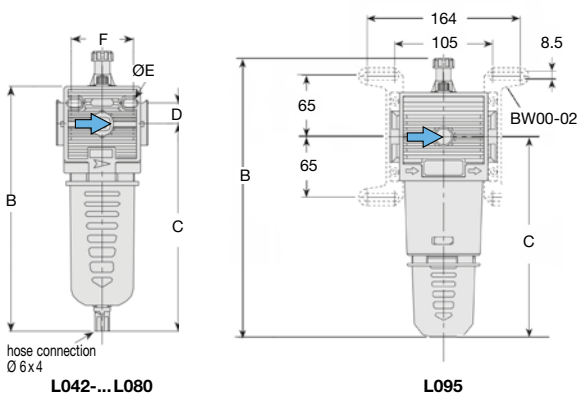
L042 L052  
semiautomatic oil refilling

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

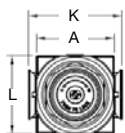
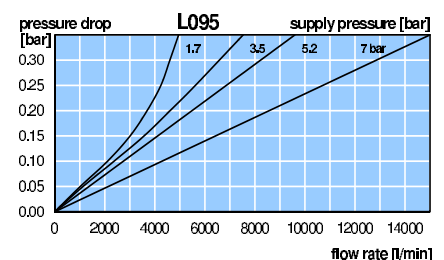
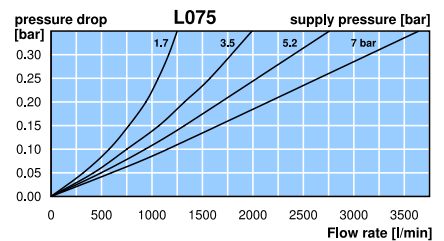
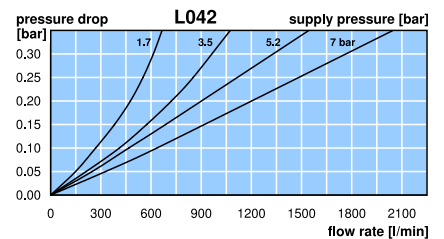


L075 L080

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



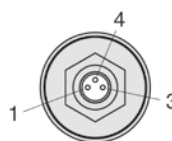
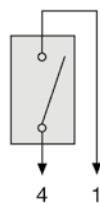
semiautomatic oil refilling



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

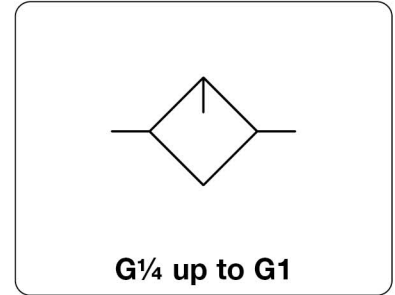
\*1 at 10 bar operating pressure and 0.33 bar pressure drop

Extensions: see chapter for FRL service units

PDF CAD  
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Order example:  
L042-02

<b>Description</b>	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.		
<b>Bowl</b>	metal bowl with sight glass		
<b>Operating pressure</b>	max. 17 bar		
<b>Oil refilling</b>	oil refilling under pressure possible		
<b>Oil level indicator</b>	red ball inside the sight glass indicates oil level		
<b>Temperature range</b>	0 °C to 70 °C / 32 °F to 158 °F		
<b>Material</b>	Body: Bowl:	zinc die-cast zinc die-cast	Sight glass: Elastomer: polyurethane NBR/Buna-N



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

"Maxi" lubricator				operating pressure max. 17 bar			L20		
89	229	170	metal/sight glass	0.3	108	1800	17	G <sup>1</sup> / <sub>4</sub>	L20-02W
					186	3100		G <sup>3</sup> / <sub>8</sub>	L20-03W
					336	5600		G <sup>1</sup> / <sub>2</sub>	L20-04W
111	229	170	metal/sight glass	0.3	420	7000	17	G <sup>3</sup> / <sub>4</sub>	L20-06W
					438	7300		G1	L20-08W



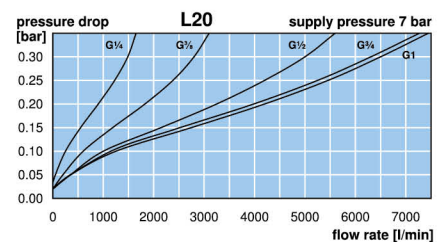
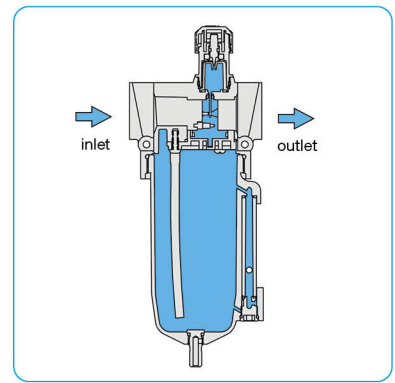
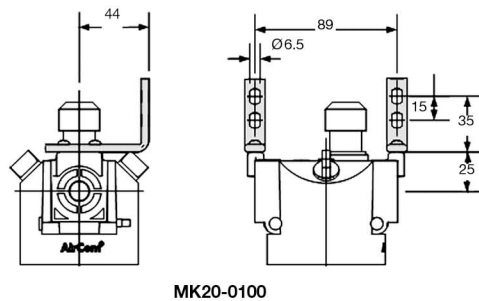
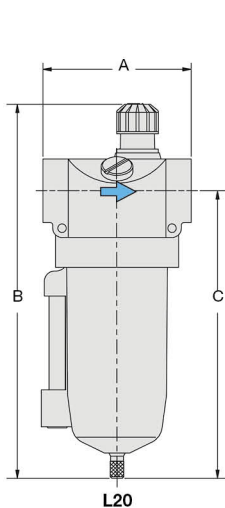
L20

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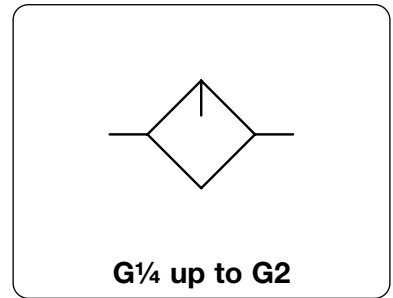
\*1 at 7 bar operating pressure and 0.33 bar pressure drop

Extensions: see chapter for FRL service units  
Spare parts: see separate spare parts list

PDF CAD  
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Order example:  
L20-02W

<b>Description</b>	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.
<b>Bowl</b>	plastic version with bowl guard metal version with or without sight glass
<b>Operating pressure</b>	max. 11 bar for plastic bowl max. 17 bar for metal bowl with sight glass max. 21 bar for metal bowl without sight glass
<b>Temperature range</b>	0 °C to 50 °C / 32 °F to 122 °F for plastic bowl 0 °C to 70 °C / 32 °F to 158 °F for metal bowl with sight glass, from G <sup>3</sup> / <sub>4</sub> 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
<b>Material</b>	Body: zinc die-cast Bowl: polyurethane, zinc die-cast or steel Elastomer: NBR/Buna-N



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

„Standard“ lubricator									L606
71	202	145	plastic/bowl guard	0.08	66	1100	11	G <sup>1</sup> / <sub>4</sub>	L606-02B
71	202	145	metal/sight glass	0.08			17		L606-02W
71	202	145	plastic/bowl guard	0.08	108	1800	11	G <sup>3</sup> / <sub>8</sub>	L606-03B
71	202	145	metal/sight glass	0.08			17		L606-03W
71	202	145	plastic/bowl guard	0.08	151	2500	11	G <sup>1</sup> / <sub>2</sub>	L606-04B
71	202	145	metal/sight glass	0.08			17		L606-04W
103	251	184	metal/sight glass	0.50	492	8200	17	G <sup>3</sup> / <sub>4</sub>	L606-06W
103	340	273	steel	1.00			21		L606-06E
103	340	273	steel/sight glass	1.00			17		L606-06F
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	340	273	steel/sight glass	1.00			17		L606-08F
103	306	239	steel/sight glass	2.00			17		L606-08G



L606-02W

L606-08W



L606-08E  
1 I-bowl

L606-08G  
2 I-bowl

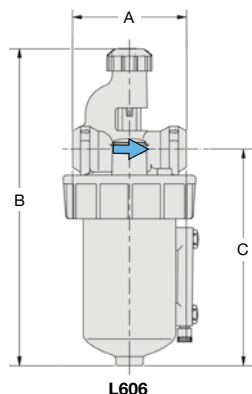
**Special options,** add the appropriate letter

<b>NPT</b>	connection thread	L606- ... N
<b>flange connection</b>	see chapter for stainless steel devices / flanges	L606- ... F.

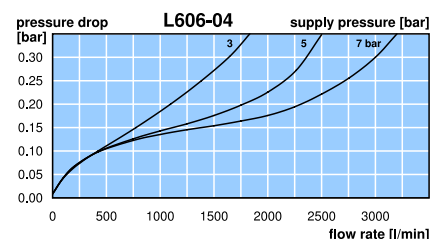
Lubricator



18



L606



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

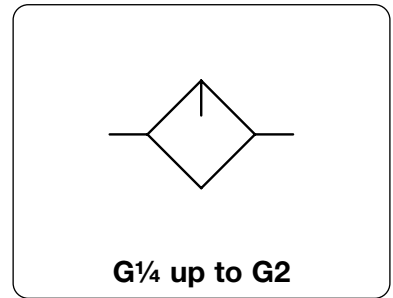
**Extensions:** see chapter for FRL service units  
**Spare parts:** see separate spare parts list

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Order example:  
L606-02B

<b>Description</b>	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.
<b>Bowl</b>	plastic version with bowl guard metal version with or without sight glass
<b>Operating pressure</b>	max. 11 bar for plastic bowl max. 17 bar for metal bowl with sight glass max. 21 bar for metal bowl without sight glass
<b>Temperature range</b>	0 °C to 50 °C / 32 °F to 122 °F for plastic bowl 0 °C to 70 °C / 32 °F to 158 °F for metal bowl with sight glass, from G <sup>3/4</sup> 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
<b>Material</b>	Body: zinc die-cast Bowl: polyurethane, zinc die-cast or steel Elastomer: NBR/Buna-N

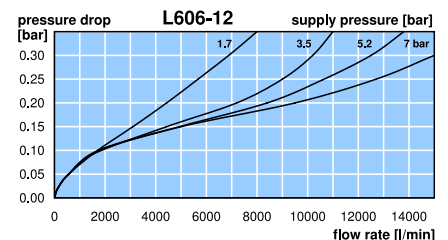
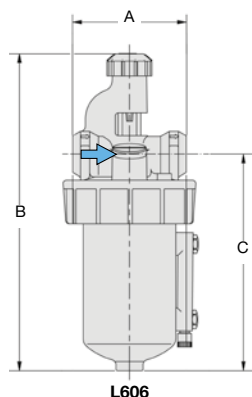


Dimensions			Bowl	Flow	Operating	Connection	Order
A	B	C	design	capacity	rate	pressure	number
mm	mm	mm	made of/ with	l	m <sup>3</sup> /h*1 l/min*1	max. bar	G

„Standard“ lubricator								L606	
122	266	194	metal/sight glass	0.50	1020	17000	17	G1 <sup>1/4</sup> *2	L606-10W
122	355	283	steel	1.00			21		L606-10E
122	355	283	steel/sight glass	1.00			17		L606-10F
122	300	228	steel/sight glass	2.00			17		L606-10G
122	266	194	metal/sight glass	0.50	1020	17000	17	G1 <sup>1/2</sup>	L606-12W
122	355	283	steel	1.00			21		L606-12E
122	355	283	steel/sight glass	1.00			17		L606-12F
122	300	228	steel/sight glass	2.00			17		L606-12G
133	385	265	steel/sight glass	1.00	1680	28000	17	G <sup>2</sup>	L606-16F
134	490	370	steel/sight glass	3.00			17		L606-16K3L



Special options, add the appropriate letter		
<b>NPT</b>	connection thread	L606-... N
<b>flange connection</b>	see chapter for stainless steel devices / flanges	L606-... F.



\*1 at 7 bar operating pressure and 0.33 bar pressure drop  
\*2 reduced by the next larger oiler

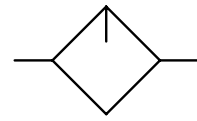
Extensions: see chapter for FRL service units  
Spare parts: see separate spare parts list

PDF CAD  
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Order example:  
L606-10W

<b>Description</b>	Good value zinc die-cast compressed air lubricator of solid design lubricating in proportion to flow rate. Wall mounting through two drilled holes in the body. Suitable for compressed air or non-corrosive gases.
<b>Bowl</b>	metal version with or without sight glass
<b>Operating pressure</b>	max. 16 bar for metal bowl with sight glass max. 30 bar for metal bowl without sight glass
<b>Temperature range</b>	-10 °C to 50 °C / 14 °F to 122 °F for G $\frac{1}{8}$ to G $\frac{1}{2}$ -20 °C to 60 °C / -4 °F to 140 °F for metal bowl with sight glass, for G1 to G2 -30 °C to 80 °C / -22 °F to 176 °F for metal bowl without sight glass, for all sizes
<b>Material</b>	Body: zinc die-cast at G $\frac{1}{8}$ and G $\frac{1}{4}$ , aluminium at G $\frac{3}{8}$ to G2 Bowl: polyurethane or zinc die-cast Elastomer: NBR/Buna-N



G $\frac{1}{8}$  up to G2

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

## Lubricator series "D"

Lubricator series "D"								LD	
40	161	115	metal/sight glass	0.05	36	600	16	G $\frac{1}{8}$	LD-01M
			metal	0.05			30		LD-01N
40	161	115	metal/sight glass	0.05	40	660	16	G $\frac{1}{4}$	LD-02M
			metal	0.05			30		LD-02N
64	215	137	metal/sight glass	0.18	144	2400	16	G $\frac{3}{8}$	LD-03M
			metal				30		LD-03N
64	215	137	metal/sight glass	0.18	156	2600	16	G $\frac{1}{2}$	LD-04M
			metal				30		LD-04N
130	248	176	metal/sight glass	0.50	420	7000	16	G $\frac{3}{4}$	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 $\frac{1}{4}$	LD-10M
			metal				30		LD-10N
241	248	176	metal/sight glass	0.50	600	10000	16	G1 $\frac{1}{2}$	LD-1AM
			metal				30		LD-1AN
215	316	223	metal/sight glass	1.20	1620	27000	16	G1 $\frac{1}{2}$	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-01/-02



LD-03/-04



LD-06/-08

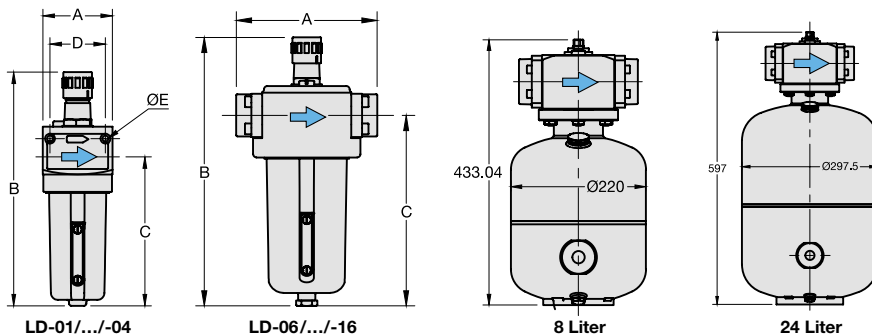


LD-12/-16

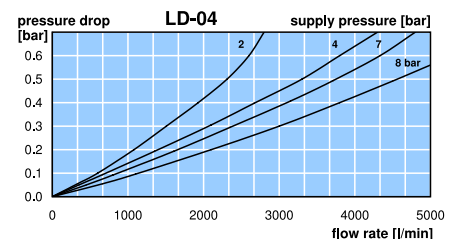
## Special options, add the appropriate letter

8 litre bowl	made of stainless steel, max. 30 bar	for G1 $\frac{1}{2}$ (12) and G2	LD- 1.M08
24 litre bowl	made of stainless steel, max. 30 bar	for G1 $\frac{1}{2}$ (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



Extensions: see chapter for FRL service units

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Order example:  
LD-01M