

COMPRESSED AIR LUBRICATORS

DESCRIPTION	PRESSURE RANGE max. bar	CONNECTION thread	SERIES	PAGE
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
Series „D“, made of aluminium	30	G $\frac{1}{8}$ - G2	LD	18.04
Brass	50	G $\frac{1}{4}$ and G $\frac{1}{2}$	LM	18.05
Stainless Steel	50	G $\frac{1}{8}$ - G2	L3000	15.37
Die-cast aluminium	17	G $\frac{1}{4}$ - G $\frac{1}{2}$	L510	18.06
Die-cast aluminium	17	G $\frac{1}{4}$ - G $\frac{3}{4}$	L520	18.07
Die-cast aluminium	17	G $\frac{3}{4}$ - G1 $\frac{1}{2}$	L530	18.08



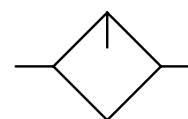
18

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	



G $\frac{1}{4}$ up to G1

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

Lubricator, made of plastic					operating pressure max. 12.5 / 16 bar			L0	
42	157	105	plastic	0.04	120	2000	16.0	G $\frac{1}{4}$	L042-02
52	185	127	bowl guard	0.07	120	2000	12.5	G $\frac{3}{8}$	L050-03
52	185	127		0.07	126	2100	12.5	G $\frac{1}{2}$	L052-04
63	227	159		0.14	210	3500	12.5	G $\frac{1}{2}$	L075-04
137	227	159		0.14	216	3600	12.5	G $\frac{3}{4}$	L080-06
95	300	220		0.44	900	15000	12.5	G1	L095-08

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

Accessories, enclosed

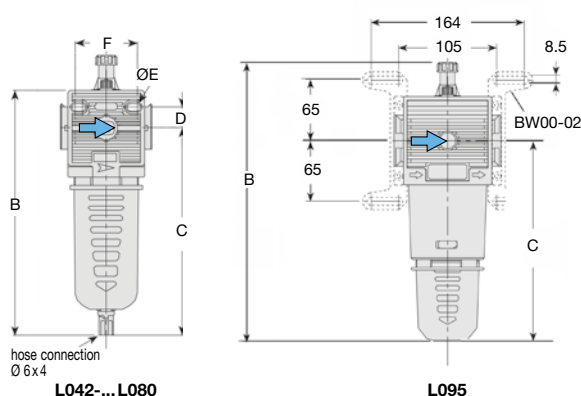
set of brackets	made of steel	for L095	BW00-02
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L042 L052
semiautomatic oil refilling



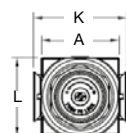
L075 L080



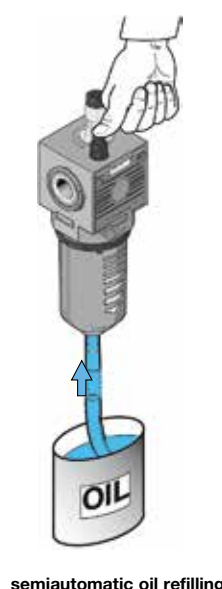
hose connection
Ø 6x4

L042...L080

L095



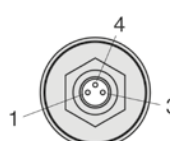
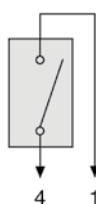
Series	D	Ø E	F	K	L
L042	10.5	4.5	31	—	42
L050/52	16	5.5	41	63	52
L075	17.5	5.5	45	75	63
L080	17.5	5.5	45	—	63
L095	—	—	—	115	95



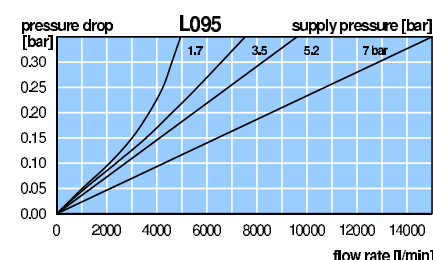
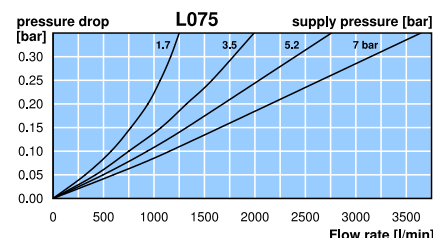
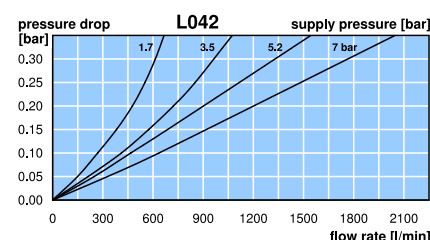
semiautomatic oil refilling



oil level indicator



oil level indicator



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

* Product group

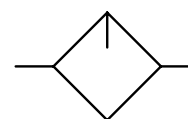
Extensions: see chapter for FRL service units

PDF CAD
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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:	zinc die-cast	Sight glass: polyurethane
	Bowl:	zinc die-cast	Elastomer: NBR/Buna-N



G½ up to G1

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

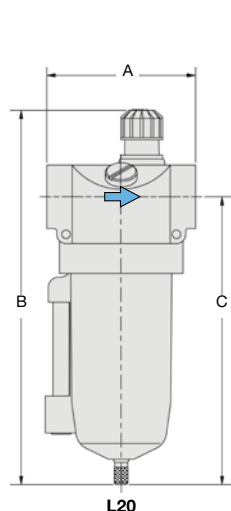
"Maxi" lubricator				operating pressure max. 17 bar				L20	
89	229	170	metal/sight glass	0.3	336	5600	17	G½	L20-04W
111	229	170	metal/sight glass	0.3	420	7000		G¾	L20-06W
					438	7300		G1	L20-08W



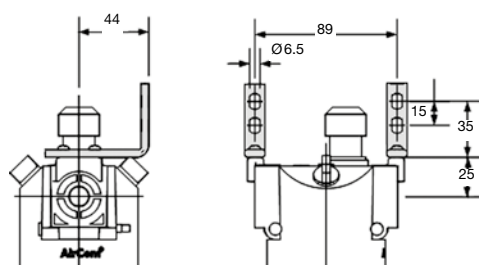
L20

Accessories, enclosed

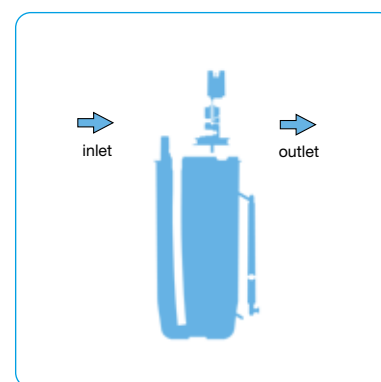
set of brackets	made of steel	MK20-0100
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L20



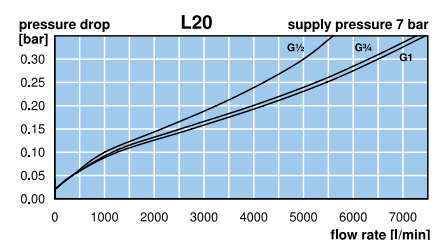
MK20-0100



cross-section



Lubricator



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

* Product group

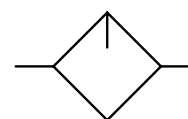
Extensions: see chapter for FRL service units

PDF CAD
www.aircom.net



Order example:
L20-04W

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



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

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



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	1.50	1620	27000	16	G1 $\frac{1}{2}$	LD-12M
			metal				30		LD-12N
215	316	223	metal/sight glass	1.50	1680	28000	16	G2	LD-16M
			metal				30		LD-16N



LD-01M/-02M



LD-03M/-04M



LD-06M/-08M

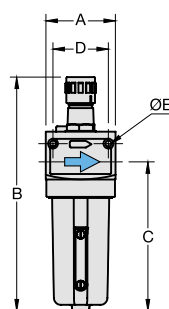


LD-12M/-16M

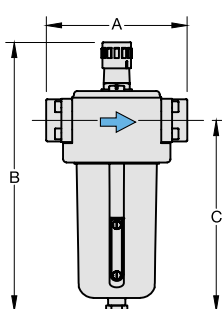
Special options, add the appropriate letter

8 liter bowl	made of stainless steel, max. 30 bar	for G1 $\frac{1}{2}$ (12) and G2	LD- 1.M08
24 liter bowl	made of stainless steel, max. 30 bar	for G1 $\frac{1}{2}$ (12) and G2	LD- 1.M24
flange connection	according to EN-1092-1 or ASME B16.5	on request	LD- . . . F.

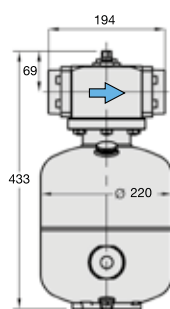
Type	D	Ø E
LD-01/02	30	4.5
LD-03/04	51	5.5



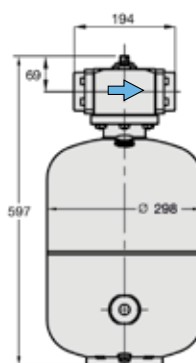
LD-01/-04



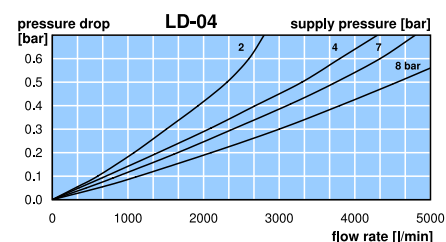
LD-06/-16



8 liter



24 liter



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

* Product group

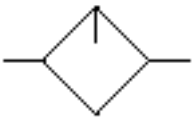
Extensions: see chapter for FRL service units

PDF CAD
www.aircom.net



Order example:
LD-01M

Description	Lubricator for compressed air with bowl without sight glass, extremely robust, with manual adjustment of oil drip rate.
Bowl	stainless steel version without sight glass up to G1 brass version without sight glass at G1½ and G2
Operating pressure	max. 50 bar
Temperature range	0 °C to 80 °C / 32 °F to 176 °F for FKM 0 °C to 130 °C / 32 °F to 266 °F for high temperature version
Material	Body: brass Bowl: stainless steel 316L / material no. 1.4404 Elastomer: FKM Inner valve: brass and plastic (not at high temperature version)



G1½ up to G2, max. 50 bar
-40 °C to 130 °C / -40 °F to 266 °F

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

Compressed air lubricator made of brass								Operating pressure max. 50 bar	LM
64	173	130	stainless steel	0.14	54	900	50	G¼	LM-02
79	175	130	stainless steel	0.20	144	2400	50	G½	LM-04

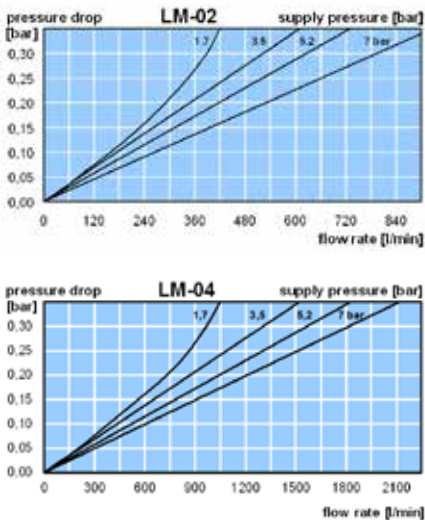
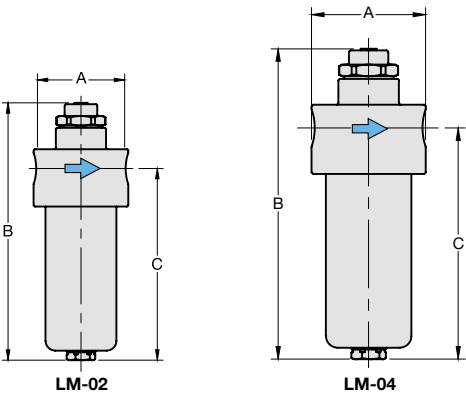


LM-02

Special options, add the appropriate letter or number				
up to 130 °C / 266 °F	high temperature version	LM-..X54		
flange connection	according to EN-1092-1 or ASME B16.5 on request	LM-..F.		



LM-04



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

Description Standard mist lubricator in small design with large volume flow. Can be blocked with filter or regulator without the use of a double nipple. Bypass valve and Venturi nozzle ensure low pressure loss and continuous compressed air lubrication.

Bowl metal bowl with sight glass

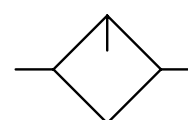
Operating pressure max. 17 bar

Oil refilling oil refilling under pressure possible

Temperatur range 0 °C up to 80 °C

Material Body: alu die-cast
Bowl: alu die-cast

Sight glass: Polyurethan
Elastomer: NBR



G $\frac{1}{4}$ up to G $\frac{1}{2}$

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

"Maxi"-Lubricator					Supply pressure max. 17 bar			L510	
73	188	132	metal/sight glass	0.13	126	2100	17	G $\frac{1}{4}$	L510-02W
73	188	132			264	4400		G $\frac{3}{8}$	L510-03W
73	188	132			360	6000		G $\frac{1}{2}$	L510-04W



L510

Special options, add the appropriate letter

flange connection according to EN-1092-1 or ASME B16.5 on request L510-0 . WF .

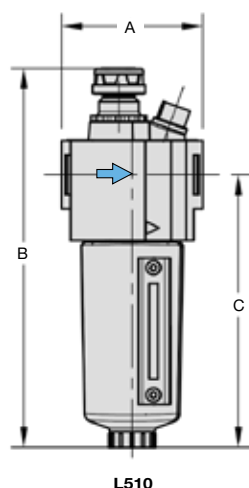
Accessories, enclosed

mounting bracket made of stainless steel BW00-510

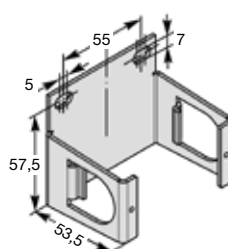
Lubricator



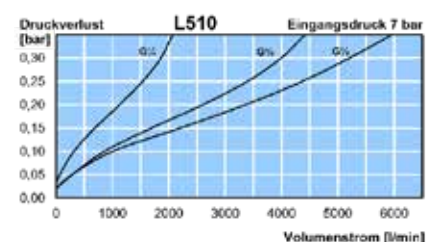
18



L510



BW00-510



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

Extensions: see chapter for FRL service units

PDF CAD
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* Product group



Order example:
L510-02W

Description Standard mist lubricator in modular design with large volume flow. Can be blocked with filter or regulator without the use of a double nipple. Bypass valve and Venturi nozzle ensure low pressure loss and continuous compressed air lubrication.

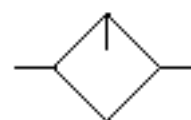
Bowl metal bowl with sight glass

Operating pressure max. 17 bar

Oil refilling oil refilling under pressure possible

Temperatur range 0 °C up to 80 °C

Material Body: alu die-cast Sight glass: Polyurethan
Bowl: alu die-cast Elastomer: NBR



G $\frac{1}{4}$ up to G $\frac{3}{4}$

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

"Maxi"-Lubricator					Supply pressure max. 17 bar			L520		
87	208	152	metal/sight glass	0.3	126	2100	17	G $\frac{1}{4}$	L520-02W	
87	208	152			204	3400		G $\frac{3}{8}$	L520-03W	
87	208	152			450	7500		G $\frac{1}{2}$	L520-04W	
87	208	152			450	7500		G $\frac{3}{4}$	L520-06W	



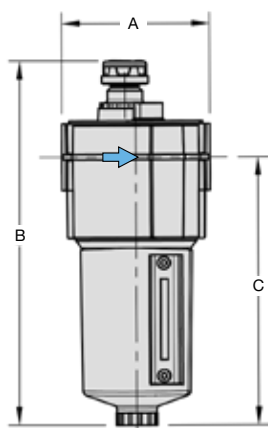
L520

Special options, add the appropriate letter

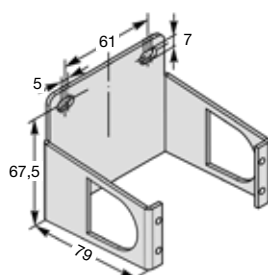
flange connection according to EN-1092-1 or ASME B16.5 on request L520-0 . WF .

Accessories, enclosed

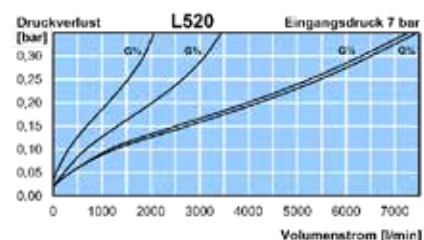
mounting bracket made of stainless steel BW00-520



L520



BW00-520



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

Extensions: see chapter for FRL service units

PDF CAD
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* Product group



Order example:
L520-02W

Lubricator



18

Description Standard mist lubricator in modular design with large volume flow. Can be blocked with filter or regulator without the use of a double nipple. Bypass valve and Venturi nozzle ensure low pressure loss and continuous compressed air lubrication.

Bowl metal bowl with sight glass

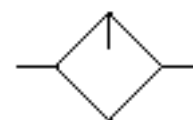
Operating pressure max. 17 bar

Oil refilling oil refilling under pressure possible

Temperatur range 0 °C up to 80 °C

Material Body: alu die-cast
Bowl: alu die-cast

Sight glass: Polyurethan
Elastomer: NBR



G $\frac{3}{4}$ up to G1 $\frac{1}{2}$



L530

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

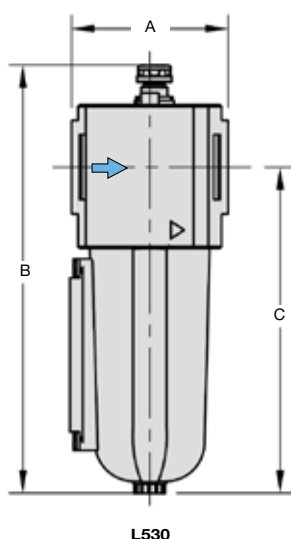
"Maxi"-Druckluftöler					Betriebsdruck max. 17 bar				L530	
120	338	257	metal/sight glass	1.0	840	14000	17	G $\frac{3}{4}$	L530-06W	
120	338	257			900	15000		G1	L530-08W	
120	338	257			930	15500		G1 $\frac{1}{4}$	L530-10W	
120	338	257			960	16000		G1 $\frac{1}{2}$	L530-12W	

Special options, add the appropriate letter

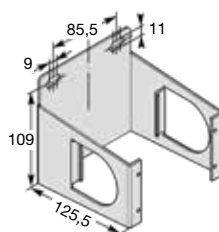
flange connection according to EN-1092-1 or ASME B16.5 on request L530- . . WF .

Zubehör, lose beigelegt

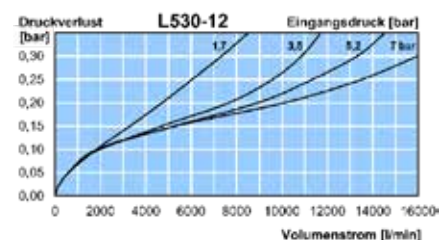
mounting bracket made of stainless steel BW00-530



L530



BW00-530



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

* Product group

Extensions: see chapter for FRL service units

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Order example:
L530-06W