



Oil-mist lubricator

Size 5

L 54*
G 3/4

L 55
G 1

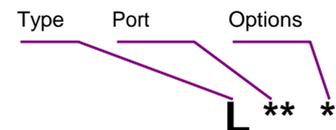


*On request

Characteristics

Type	L 54	L 55	
Port	G 3/4	G 1	
Type of construction	Proportional lubricator		
Input pressure p1	Max. 16 bar with plastic bowl Max. 20 bar with metal bowl		
Mounting position	Vertical		
Mounting type	In-line; bracket and two throughholes		
Medium temperature	Max. 60°C (other temperature		
Ambient temperature	Max. 60°C ranges on request)		
Bowl capacity	Max. 450 cm ³		
Drip rate at qv = 1000 l/min	1 to 2 drops/min (recommended value)		
Oil grade	HL 25 acc. to DIN 51524 - ISO VG 32		
Weight [g]	1500		

Ordering information



Order example: L 55 K

Port	
54	G 3/4
55	G 1
Options	
K	Plastic bowl
M-SR	Metal bowl with sight glass
S	Bowl guard

Description

- Block design
- Simple block mounting with other devices using conical clamps and half threads
- Joiner sets (**KP 55**) required for block mounting with other devices
- Joiner sets (**KP 55 Z**) required for block mounting with K 54/55 or T 54/55
- Flow direction indicated by arrows
- **Entry in direction of arrow**
- Oil can be refilled under pressure
- Bowl guard can be retrofitted without tools

Recommended oil

Special pneumatic oil 32

Viscosity at 40°C: 32 cSt [mm²/s]
Temperature range: -35 to +85°C

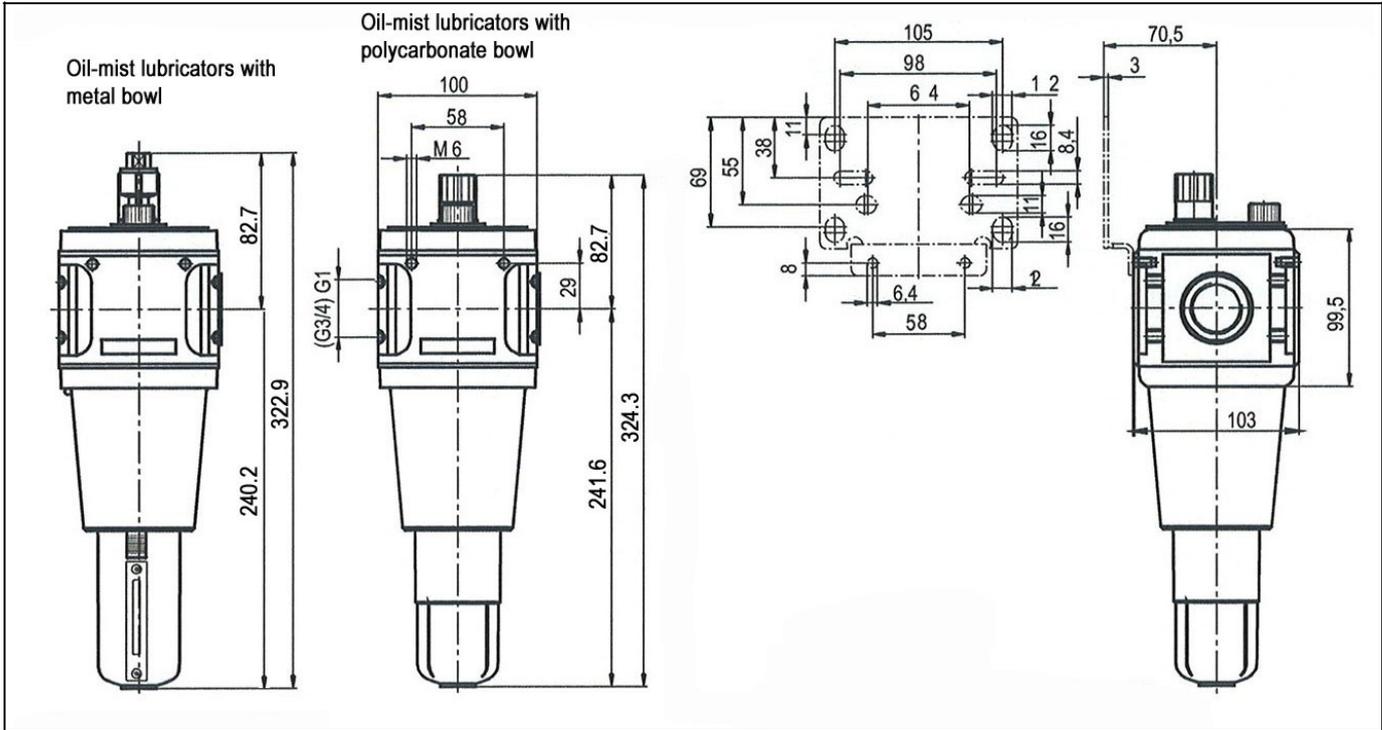
Oil bowls made of plastic (polycarbonate) are corroded by additives, anti-freeze agents and synthetic oils. We therefore recommend using mineral oils from approx. 22 to 32 cSt or up to 68 cSt in conjunction with impact tools.

Metal bowls and metal sight domes should be used for all other oil grades as well as anti-freeze agents.

Materials

Part	Material
Head piece (body)	Al
O-ring 81 x 2	NBR
Adapter	Al
Fill plug	POM-NBR
Flange	POM-NBR-steel
Sight dome	PA
Sight dome - metal	Zinc-glass-NBR
O-ring 50 x 2	NBR
Oil bowl	Polycarbonate
Oil bowl with sight glass	Zinc-glass-NBR

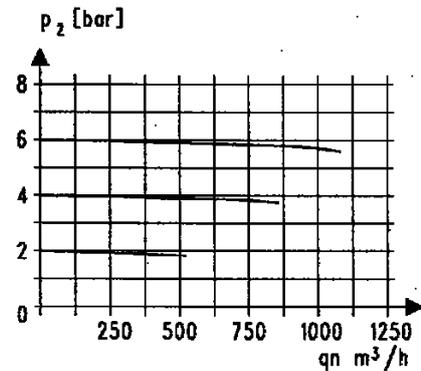
Dimensions [mm]



Flow rates

Output pressure $p_2 =$ [bar]		2	4	6
Nominal flow ($\Delta p = 1$ bar)	QN m^3/h l/min	510 8500	840 14000	1080 18000

Flow characteristic



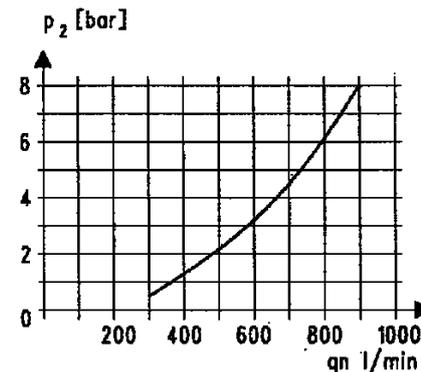
Accessories

Designation	Order No.
Mounting bracket with 2 screws, compl.	ZW 55
Joiner set(s) for block mounting with other devices	KP 55
Joiner set(s) for block mounting with K 54/55 or T 54/55	KP 55 Z SK 33
Bowl guard	MS 33 NS
Metal bowl with sight glass	KS 33 N
Polycarbonate bowl	

Main spare parts

Part	Part No.
Sight dome (polycarbonate)	1233.7.990
Sight dome (metal)	1233.7.909

Lubricator operating limit



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Art. No.	Ident No.
L 55 K	100555
L 55 S	100560
L 55 M-SR	100565
ZW 55	100445
KP 55	100446
KP 55 Z	123922
SK 33	100506
MS 33 NS	100549
KS 33 N	100548
1233.7.990	100392
1233.7.909	100393