



**Oil-mist lubricators**

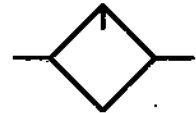
Size 3

**L 33**

G 1/2

**L 34**

G 3/4



**Characteristics**

Type	L 33	L 34
Port	G 1/2	G 3/4
Type of construction	Proportional lubricator	
Input pressure p <sub>1</sub>	Max. 16 bar with plastic bowl Max. 20 bar with metal bowl	
Mounting position	Vertical	
Mounting type	Bracket and two through holes	
Medium temperature	Max. 60°C (other temperature	
Ambient temperature	Max. 60°C ranges on request)	
Bowl capacity	Max. 125 cm <sup>3</sup>	
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]	684	

**Ordering information**

Type Port Options

**L 3X X**

**Order example: L 33 K**

Port	
33	G 1/2
34	G 3/4
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 33**) required for blockmounting
- 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 [mm<sup>2</sup>/s]

Temperature range: -35 to +85°C

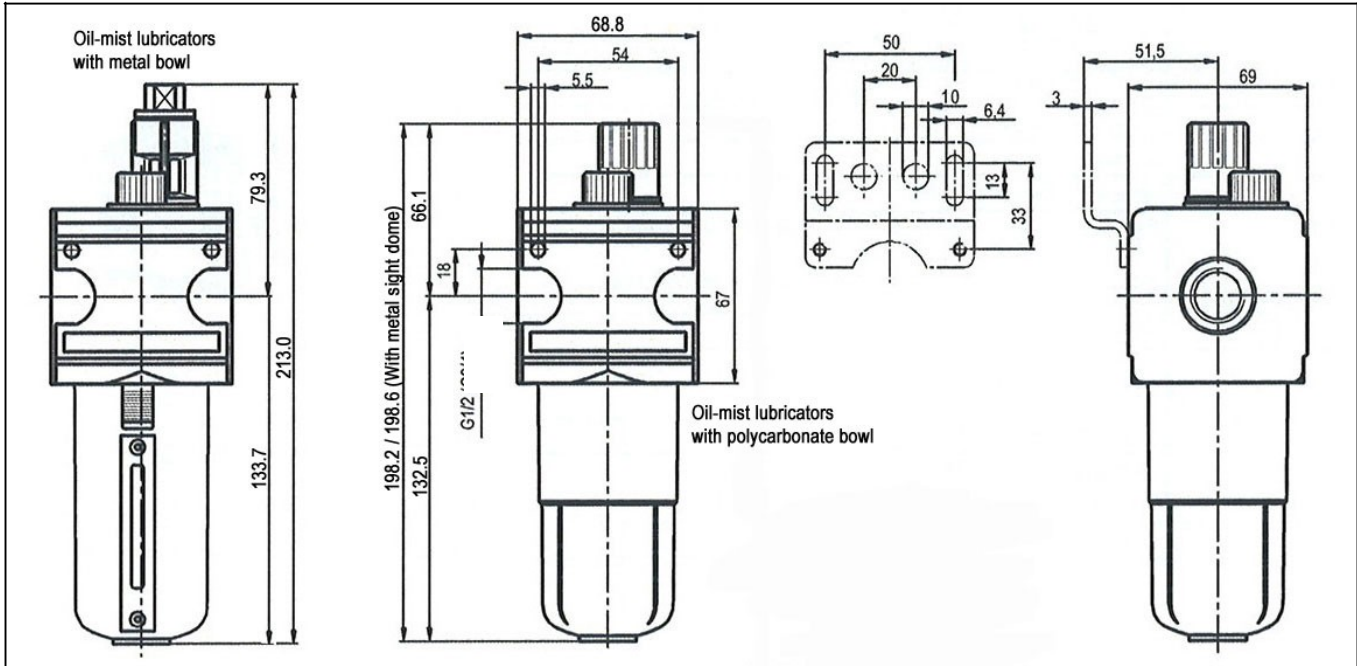
Oil bowls made of plastic (polycarbonate) are corroded by additives, anti-freeze agents and synthetic oils. We therefore recommend using mineral oils from approx. 22 to 32 cSt or up to 68 cSt in conjunction with impact tools.

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)	Z 410
O-ring 50 x 2	NBR
Fill plug	POM-NBR
Sight dome	PA
Sight dome - metal	Zinc-glass-NBR
Oil bowl	Polycarbonate
Oil bowl with sight glass	Zinc-glass-NBR

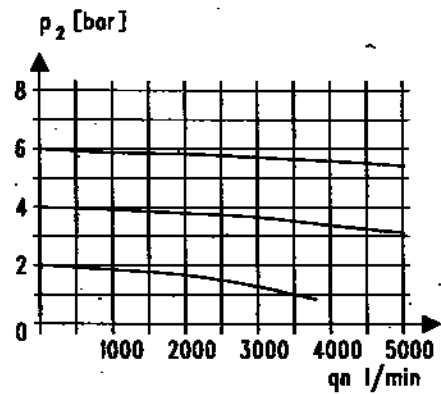
**Dimensions [mm]**



**Flow rates**

Output pressure $p_2 =$ [bar]		2	4	6	
Nominal flow ( $\Delta p = 1$ bar)	QN	m <sup>3</sup> /h	207	294	300
		l/min	3450	4900	5000

**Flow characteristic**



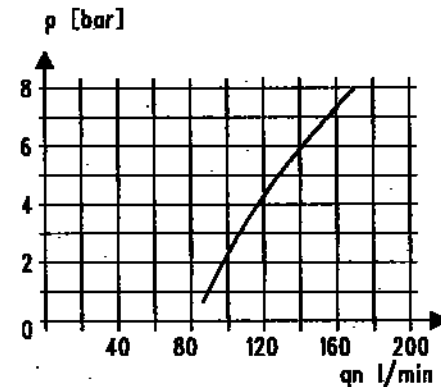
**Accessories**

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

**Main spare parts**

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

**Lubricator operating limit**



<b>Art. No.</b>	<b>Ident No.</b>
L 33 K	100553
L 33 S	100558
L 33 M-SR	100563
L 34 K	100554
L 34 S	100559
L 34 M-SR	100564
ZW 33	100441
KP 33	100442
KP 33 Z	100443
SK 33	100506
MS 33 NS	100549
KS 33 N	100548
1233.7.990	100392
1233.7.909	100393