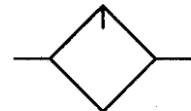




Oil-mist lubricator

Size 5

L 54*
G 3/4

L 55
G 1


*On request

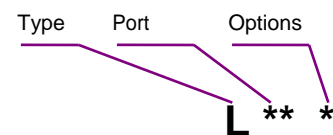
Characteristics

| 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 through holes | | |
| Medium temperature | -10 to 60 °C (other temperature | | |
| Ambient temperature | -10 to 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 | | |

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 |

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

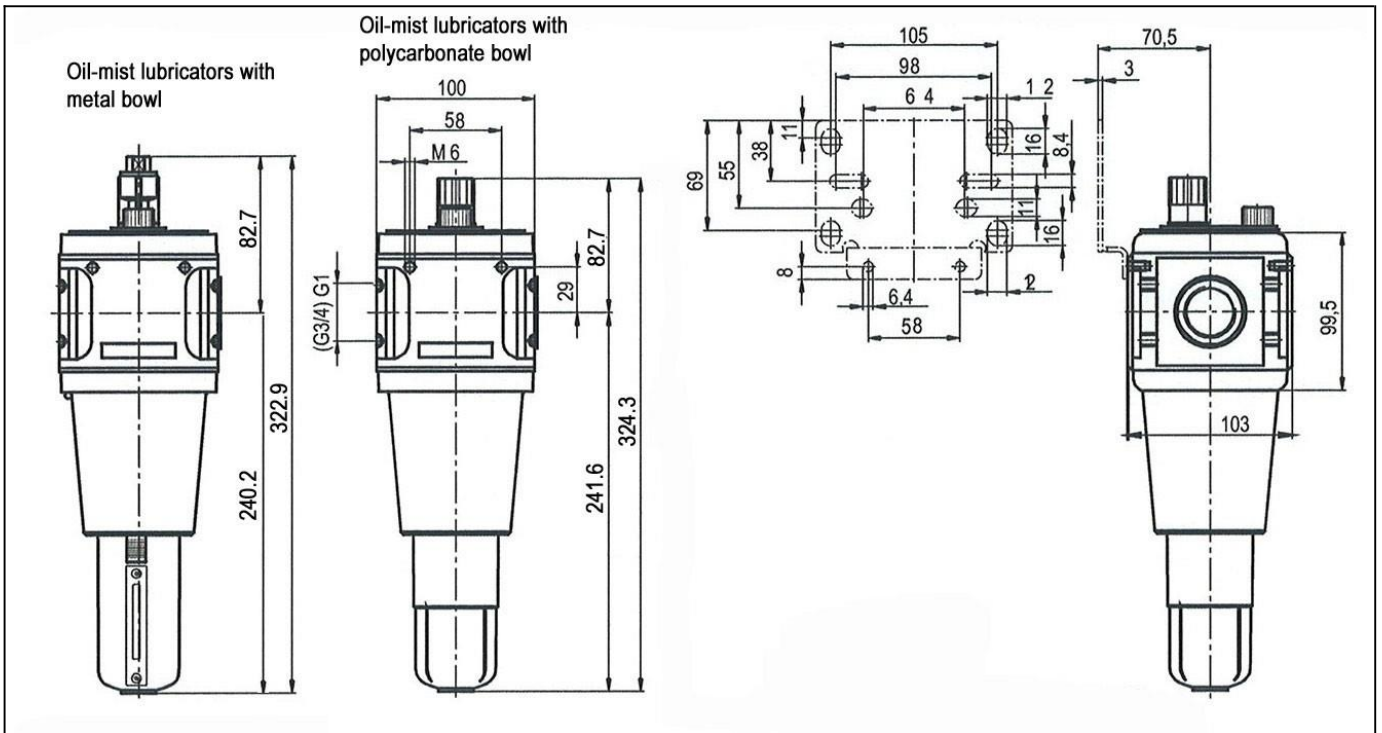
Recommended oil

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.

Dimensions [mm]

Flow rates

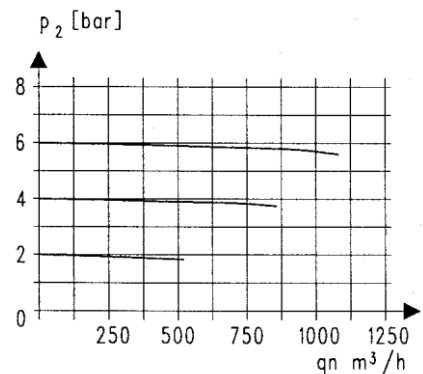
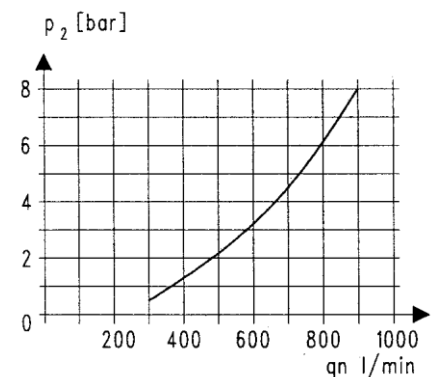
| Output pressure $p_2 =$ [bar] | | 2 | 4 | 6 |
|------------------------------------|------------|------|-------|--------------|
| Nominal flow ($\Delta p = 1$ bar) | QN m^3/h | 510 | 840 | 1080 |
| | l/min | 8500 | 14000 | 19000 |

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 |

Flow characteristic

Lubricator operating limit


| 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 |