



## Oil-mist lubricator

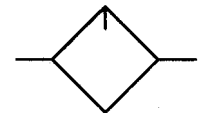
Size 0

**743**

G 1/8

**744**

G 1/4



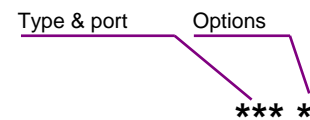
### Characteristics

Type	743	744
Port	G 1/8	G 1/4
Type of construction	Proportional lubricator	
Input pressure $p_1$	Max. 16 bar with plastic bowl Max. 25 bar with metal bowl	
Mounting position	Vertical	
Mounting type	In-line	
Medium temperature	-10 to 60 °C (other temperature	
Ambient temperature	-10 to 60 °C ranges on request)	
Bowl capacity	Max. 17 cm <sup>3</sup>	
Drip rate at $q_v = 1000$ l/min	1 to 2 drops/min (recommended value)	
Oil grade	CL 32 acc. to DIN 51517 - ISO VG 32	
Weight [g]	190	

### Materials

Part	Material
Head piece (body)	Z 410
O-ring 28 x 2	NBR
Fill plug	Brass-NBR
Sight dome	PA
Sight dome - metal	Zinc-glass-NBR
Oil bowl	Polycarbonate

### Ordering information


**Order example: 744 K**

Port	
743	G 1/8
744	G 1/4
Options	
K	Plastic bowl
M	Metal bowl

### Description

- Standard design
- Flow direction indicated by arrows
- **Entry in direction of arrow**
- Oil can be refilled under pressure

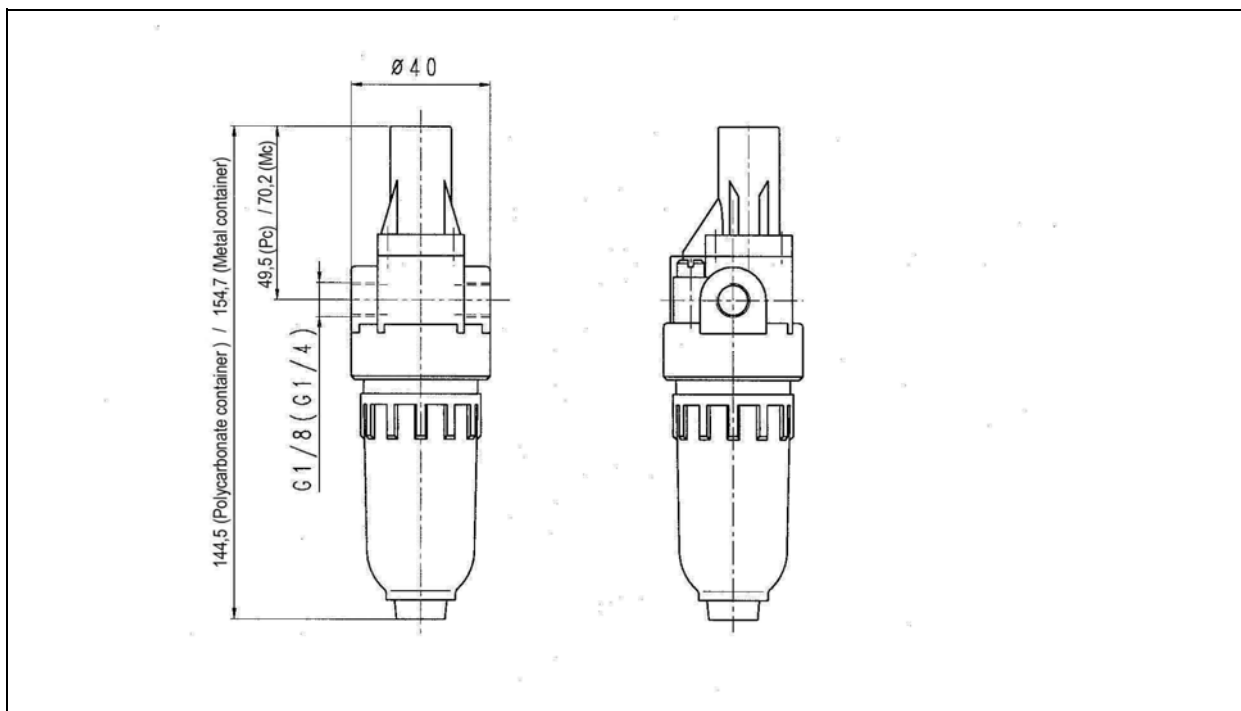
### Recommended oil

#### 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.

**Dimensions [mm]**

**Flow rates**

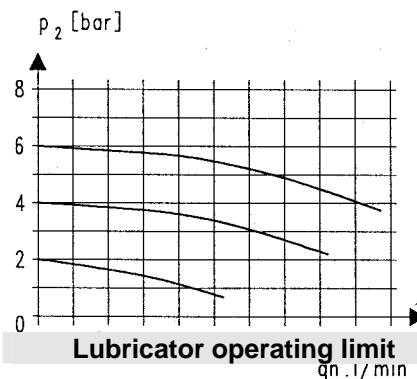
Output pressure $p_2 =$ [bar]		<b>6</b>
Nominal flow ( $\Delta p = 1$ bar)	QN m <sup>3</sup> /h l/min	<b>39</b> <b>650</b>

**Accessories**

Designation	Order No.
Metal bowl	740/11
Plastic bowl	740/01

**Main spare parts**

Part	Part No.
Sight dome (polycarbonate)	760.7.990
Sight dome (metal)	760.7.992
Assembly adapter for metal sight dome	760.7.1135

**Flow characteristic**

**Lubricator operating limit**
