

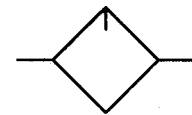


**Oil-mist lubricator**

Size 1

**745**  
G 1/4

**748**  
G 3/8



**Characteristics**

| Type                            | 745  | 748   |
|---------------------------------|--|-------|
| Port                            | G 1/4  | G 3/8 |
| Type of construction            | Proportional lubricator                                      |       |
| Input pressure p <sub>1</sub>   | Max. 16 bar with plastic bowl<br>Max. 25 bar with metal bowl |       |
| Mounting position               | Vertical   |       |
| Mounting type                   | Bracket  |       |
| Medium temperature              | Max. 60°C (other temperature                                 |       |
| Ambient temperature             | Max. 60°C ranges on request)                                 |       |
| Bowl capacity                   | Max. 40 cm <sup>3</sup>                                      |       |
| Drip rate at<br>qv = 1000 l/min | 1 to 2 drops/min (recommended value)                         |       |
| Oil grade                       | CL 32 acc. to DIN 51517 - ISO VG 32                          |       |
| Weight [g]                      | 360  |       |

**Ordering information**



**Order example: 745 K**

| Port    |              |
|---------|--------------|
| 745     | G 1/4        |
| 748     | G 3/8        |
| Options |              |
| K       | Plastic bowl |
| M       | Metal bowl   |
| S       | Bowl guard   |

**Description**

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

**Materials**

| Part               | Material       |
|--------------------|----------------|
| Head piece (body)  | Z 410          |
| O-ring 37 x 2      | NBR            |
| Fill plug          | Brass-NBR      |
| Sight dome         | PA             |
| Sight dome - metal | Zinc-glass-NBR |
| Oil bowl           | Polycarbonate  |

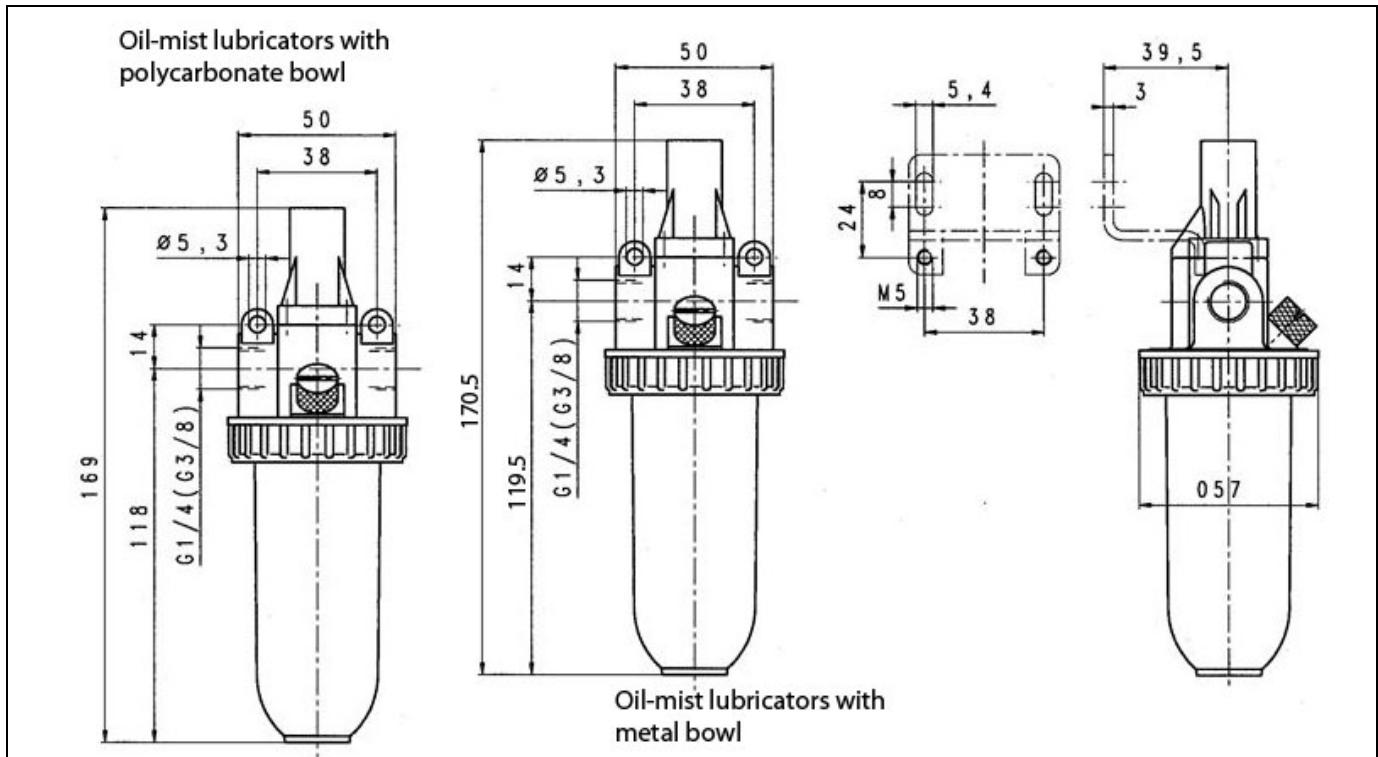
**Recommended oil**

**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.

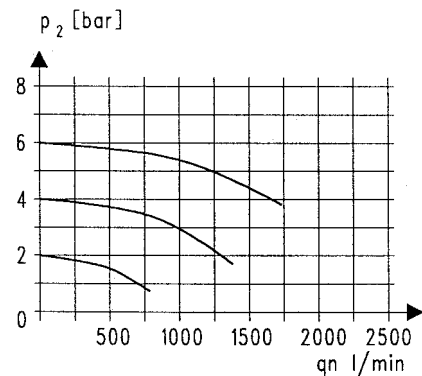
Dimensions [mm]



Flow rates

|                                    |    |                          |           |            |
|------------------------------------|----|--------------------------|-----------|------------|
| Output pressure $p_2 =$ [bar]      |    | 2                        | 4         | 6          |
| Nominal flow ( $\Delta p = 1$ bar) | QN | m <sup>3</sup> /h<br>680 | 57<br>950 | 72<br>1200 |

Flow characteristic



Accessories

| Designation      | Order No. |
|------------------|-----------|
| Metal bowl       | 740/12    |
| Plastic bowl     | 740/02    |
| Bowl guard       | SK 01     |
| Mounting bracket | H 800     |

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 |

Lubricator operating limit

