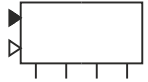


**OL-One-line distributor
VOE-B**



Use:

In OL[®]-lubrication systems following the one-line system.

Technical data:

- Operating pressure air: max. 10 bar
min. outlet pressure +1 bar
- Operating pressure oil: max. 45 bar
min. outlet pressure +20 bar
- Relief pressure oil: <1,2 bar
- Cycle times
 - min. activation time: Pressure build-up time* +1 s
 - min. relief time: Pressure relief time* +1 s
- Medium: Mineral oil
- Grade of filtration: ≤3 µm
- Operating viscosity
 - Metering element 1: ≤250 mm²/s
 - Metering element 2 ... 7: ≤3000 mm²/s
- Temperature range: -20 ... +160 °C
- Tightening torque of the throttle screw: max. 1 Nm

* depending on pump and system

Note on dimensional drawing:

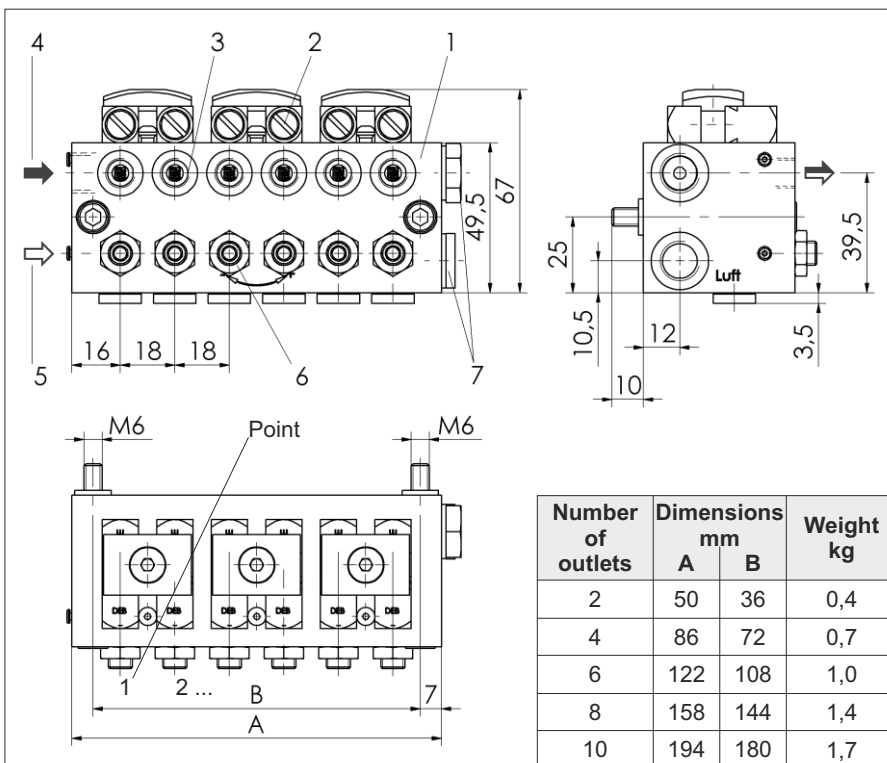
- Item
- 1 Connection block
 - 2 Metering element
 - 3 Outlet G 1/8
 - 4 Oil connector G 1/4
 - 5 Compressed-air supply G 1/4
 - 6 Air adjustment screw
 - 7 Lock screw
(available for versions with one-sided main line connections only)

Mode of operation:

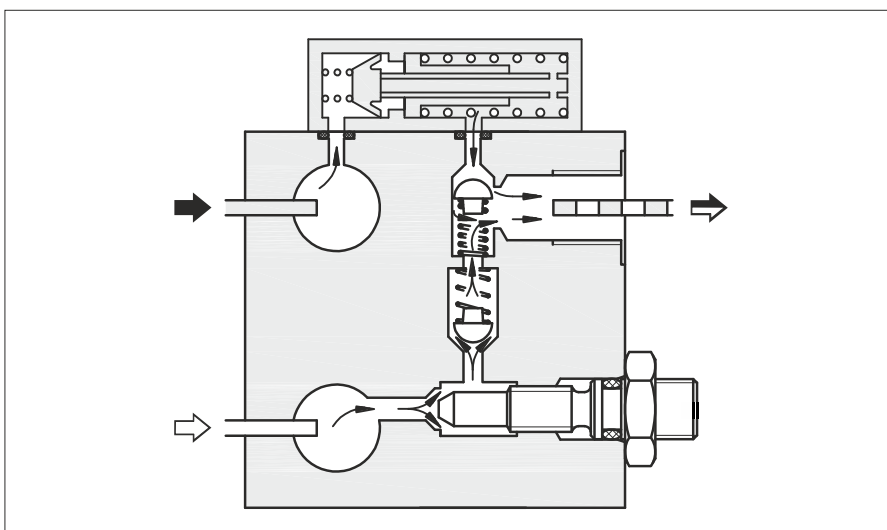
The distributor leads the lubricant volumes supplied by the metering elements to the various outlets separately. Every outlet an air adjustment screw is assigned to. Such screw enables the required compressed-air volume to be adjusted.

Outlets, which are not needed, can be provided with dummy elements (DEB-D/O/V). The outlet orifice should be closed by means of protective plug (WOERNER-order no. 914.700-04).

For metering element functional scheme see back page, please!

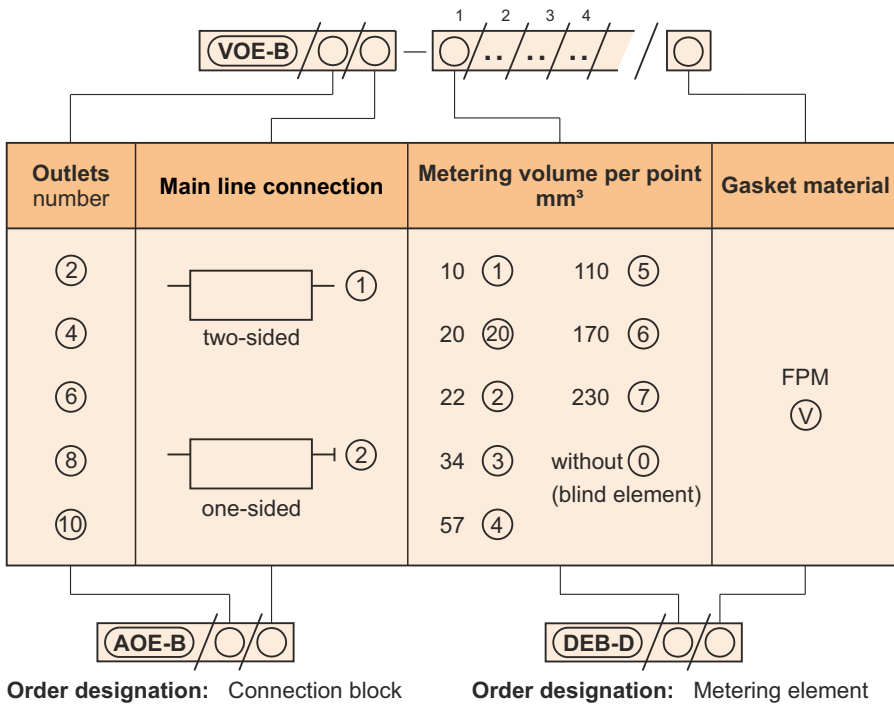


- Subject to modifications -



Order designation:

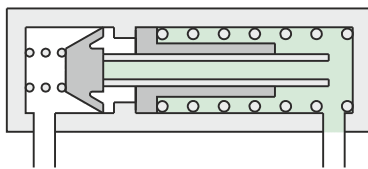
Metering element


Order example:

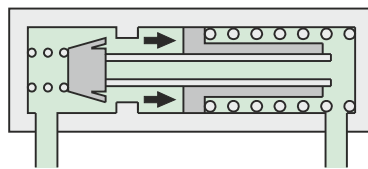
 OL-One-line distributor VOE-B with 4 outlets, main line connections one-sided, metering volumes of 22, 57, 110, 230 mm³, gasket material FPM.

Order designation:
VOE-B/4/2-2/4/5/7/V
Order designation:
DEB-D/5/V
Order designation:
DEB-D/0/V

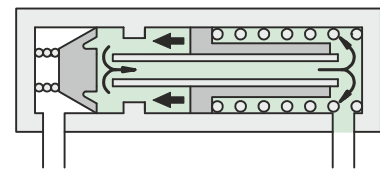
- Subject to modifications -

Functional scheme:


Idle position



Lubricant delivery and pressure build-up. Metered lubricant volume is allocated.



Pressure relief at inlet. Lubricant in metering element is rear-ranged.

Technical documents also valid for this product:

E0152 EN Spare parts VOE-B
OL-One-line distributor VOE-B

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Data sheet P0152 EN

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In its controls and switching devices, WOERNER only uses materials which fulfil the criteria of EU Directive 2011/95/EU. To the extent that hexavalent chromium has been used as corrosion protection in the parts which we produce ourselves, it has already been replaced by other environmentally tolerable protective measures.

The mechanical devices supplied by WOERNER are not affected by EU Directive 2011/95/EU.

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