

# Distribution Elements



## APPLICATION

The distributors ZV-B are used for dual-line central lubrication systems for grease and for oil. Their function is to meter the lubricant and to press it through the lines to the lubrication points independently of back pressure.

## PRODUCT CHARACTERISTICS

- Dual-line manifold block
- Grease and oil
- up to 8 outlets
- Metered volume 0.5; 1.5 or 3.0 cm<sup>3</sup>
- Material: machining steel



## DESIGN

The distributors ZV-B are block type designed, and constructed in different metering volumes. Each distributor has two threaded holes G 3/8 on each of its two faces for the optional connection of the two main lines. For the connection of the friction point lines, the distributor has two to eight threaded holes G 1/4.

The distributor does not have springs and works hydraulically, operated by the lubricant.

## FUNCTION

The distributor ZV-B has one metering piston and one control piston for every two lubrication points, connected. Depending on either main line no. I or main line no. II is pressurized, where the second main line must be relieved of pressure, only that lubrication point will be served which is associated with the main line concerned. As a result, an operating cycle always includes two lubricating strokes.