

Operating Principle of the BEKA-MAX Progressive Central Lubrication System

The BEKA-MAX central lubrication system is a progressive system, which can work with grease up to NLGI cl. 2. Progressive means, that the lubrication points are lubricated one after the other. Therefore, the function of the lubrication system can be easily monitored with a pressure relief valve. If a lubrication point takes no grease from the distributor, the distributor will be blocked. A pressure of more than 250 bar is built up and the grease is pressed out from the pressure relief valve.

Structure of the BEKA-MAX Progressive Central Lubrication System:

The electrical piston pump EP-1 delivers the lubricant to the main distributor. From here it is distributed to the secondary distributors in the correct proportion. From here the lubricant will be conveyed to the lubrication points. The electronic controller regulates lubrication times and break times depending on time, number of strokes or number of revolutions.

