



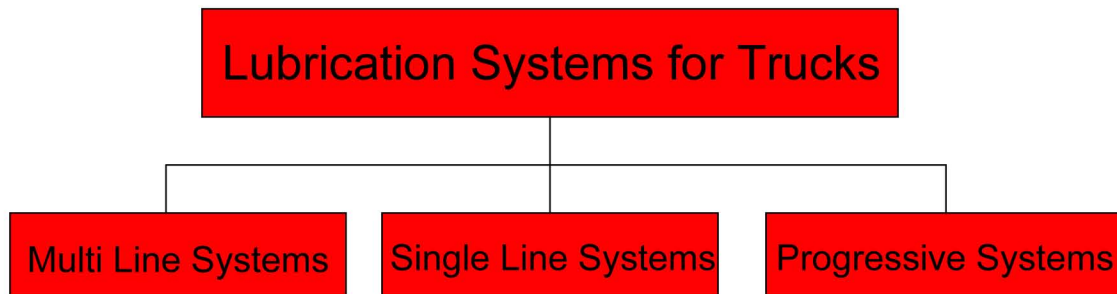
Central Lubrication

PC Quality Products Co. Inc.
AUTOMATED LUBRICATION SYSTEMS
Katy, Texas - 281-599-9300

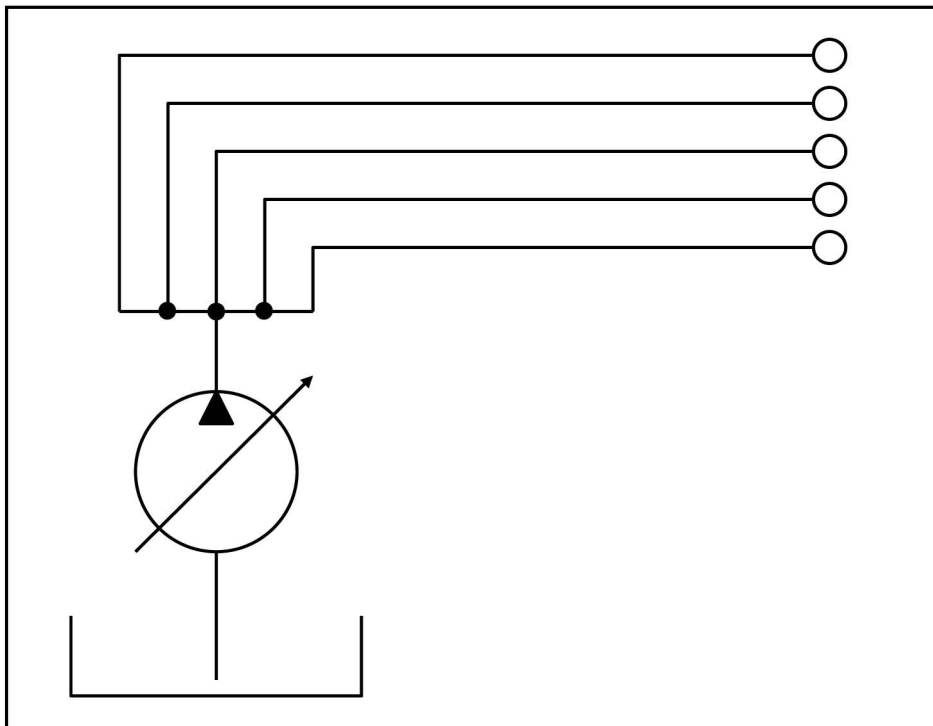
BEKA-MAX[®]



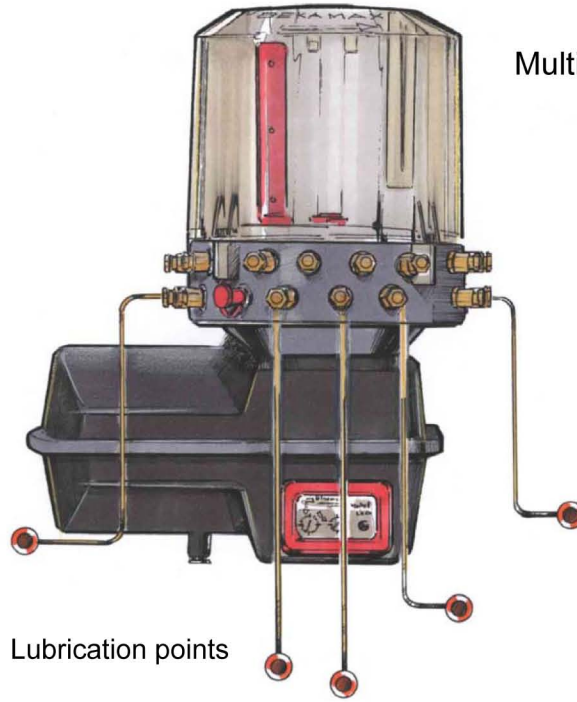
Technology



Multi Line System



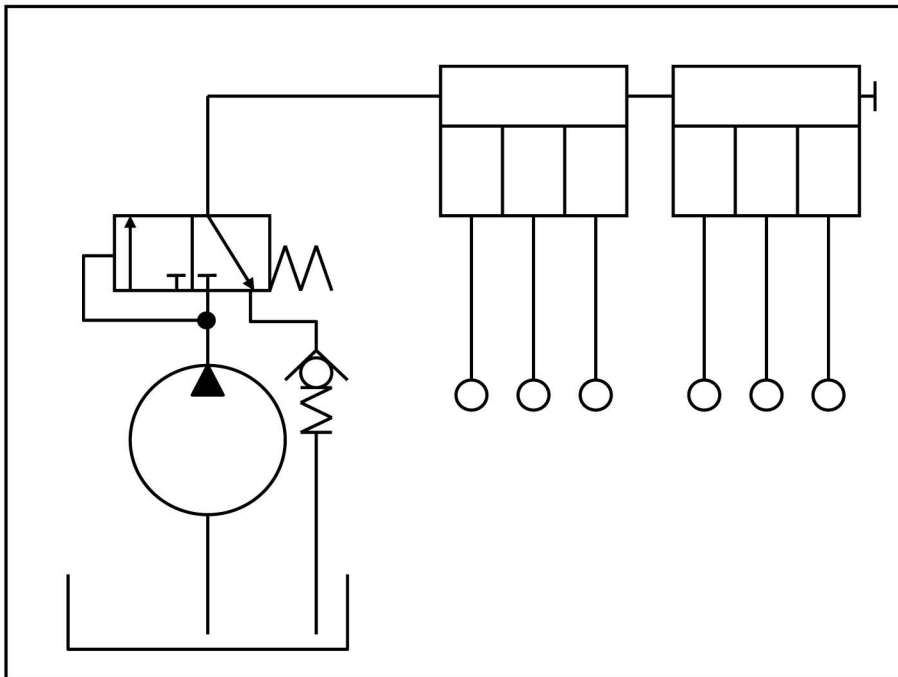
Multi Line System



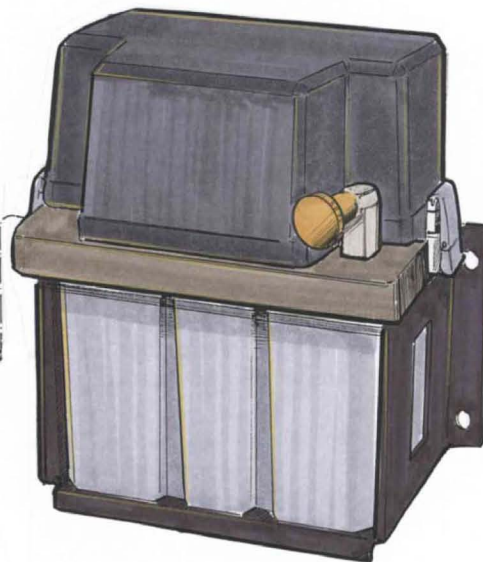
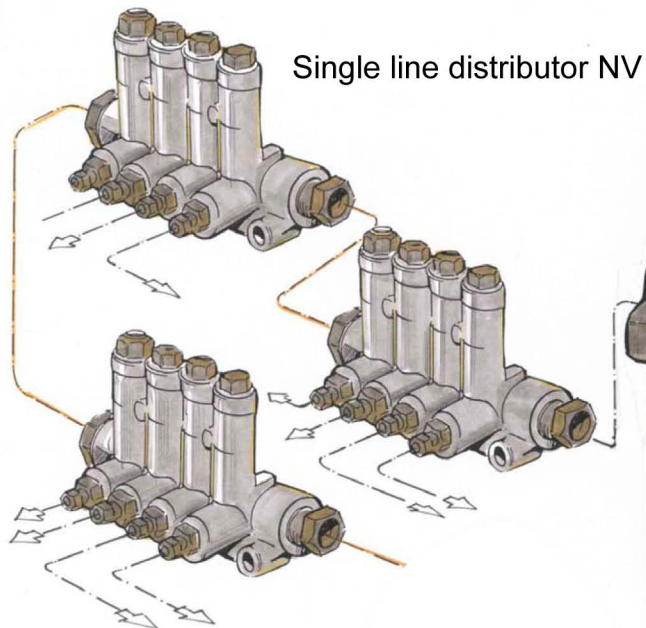
Multi line pump OC-1

Lubrication points

Single Line System

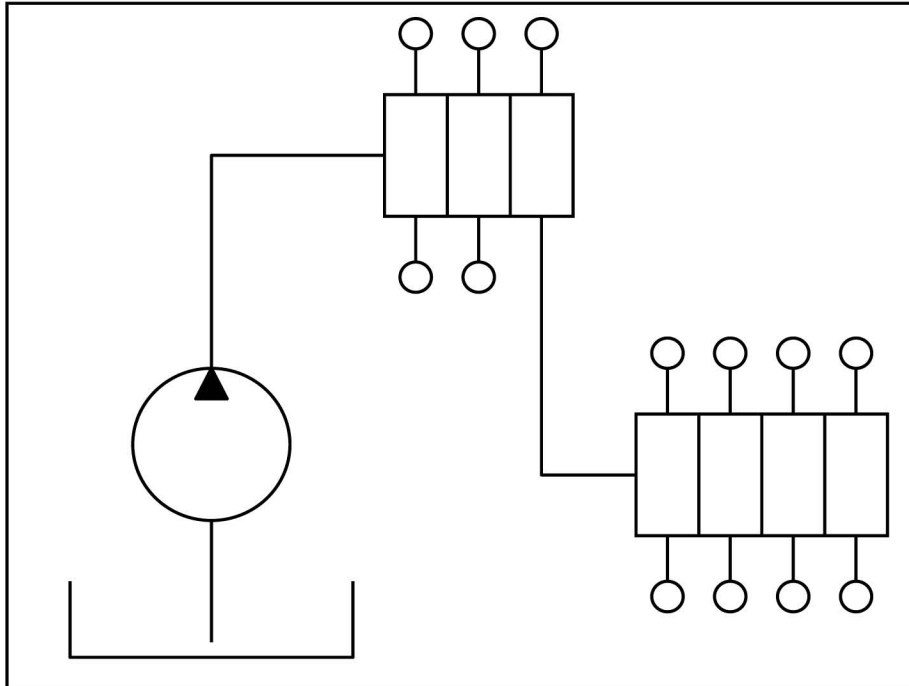


Single Line System

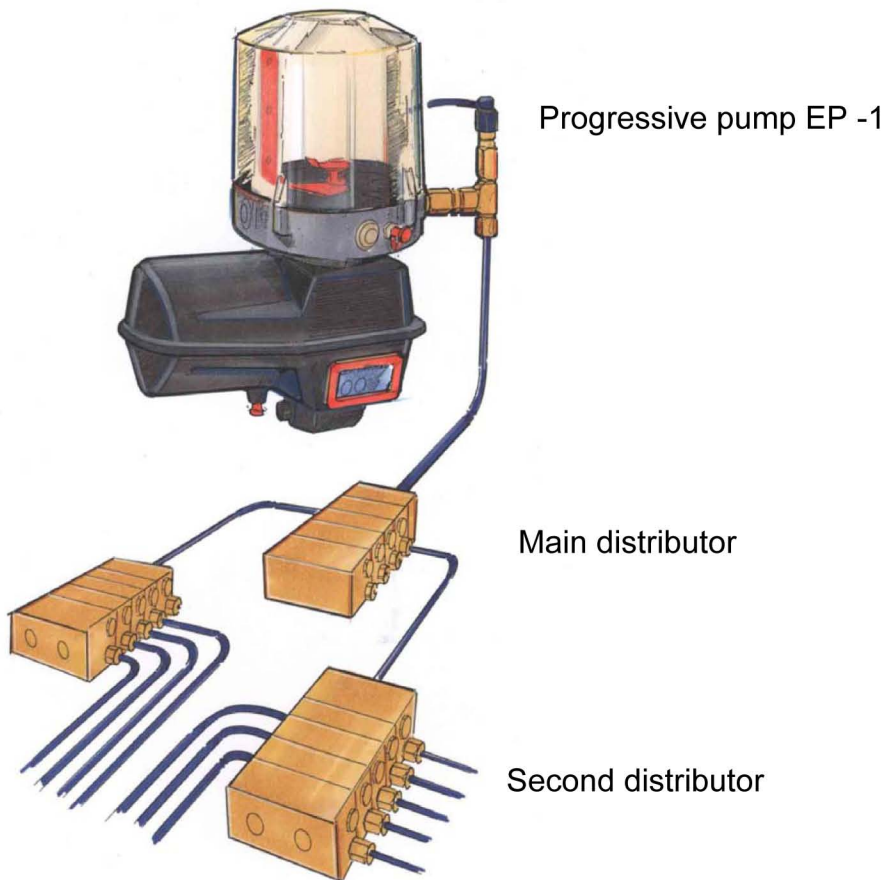


Single line pump ZPA -1

Progressive System

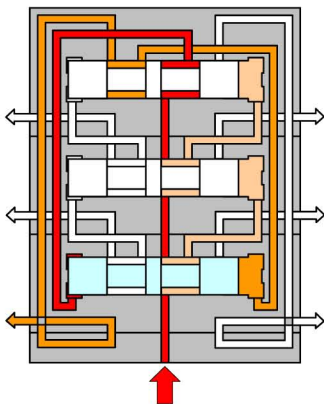


Progressive System

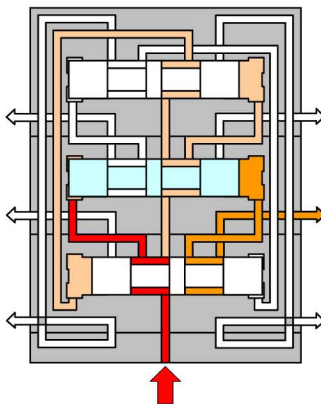


Progressive System

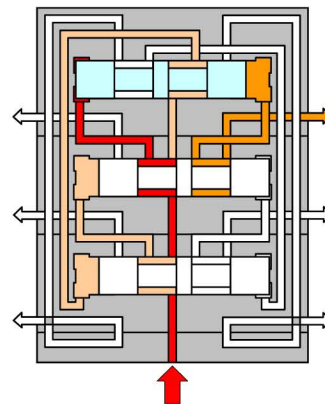
Piston 1 moves
Quantity first outlet



Piston 2 moves
Quantity second outlet

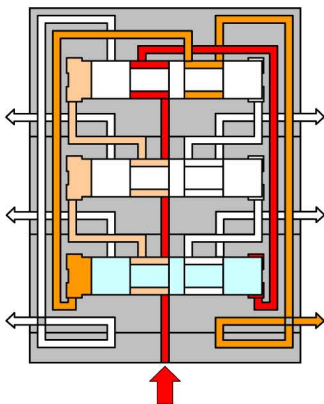


Piston 3 moves
Quantity third outlet

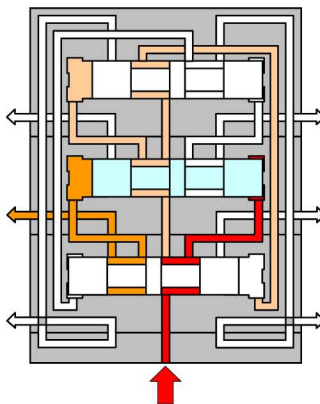


Progressive System

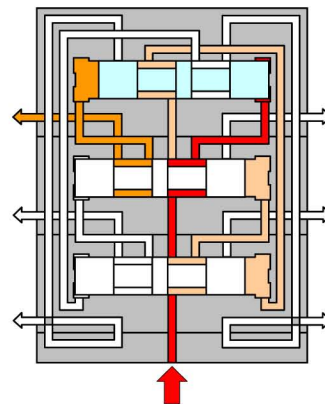
Piston 1 moves
Quantity fourth outlet



Piston 2 moves
Quantity fifth outlet



Piston 3 moves
Quantity sixth outlet



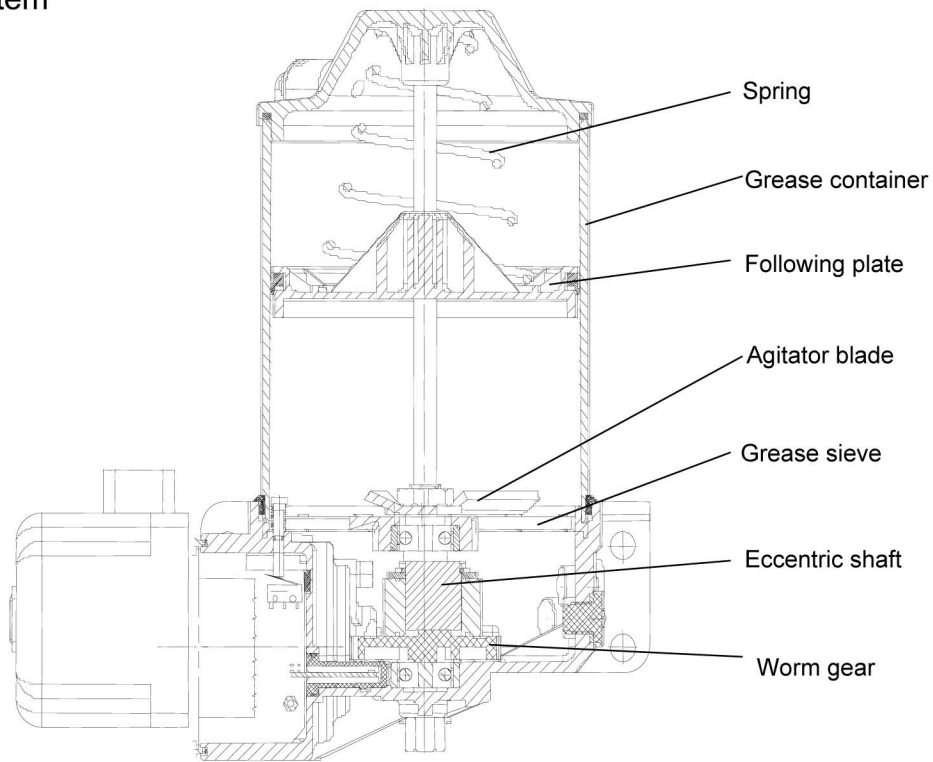
Function

PICO - combined system

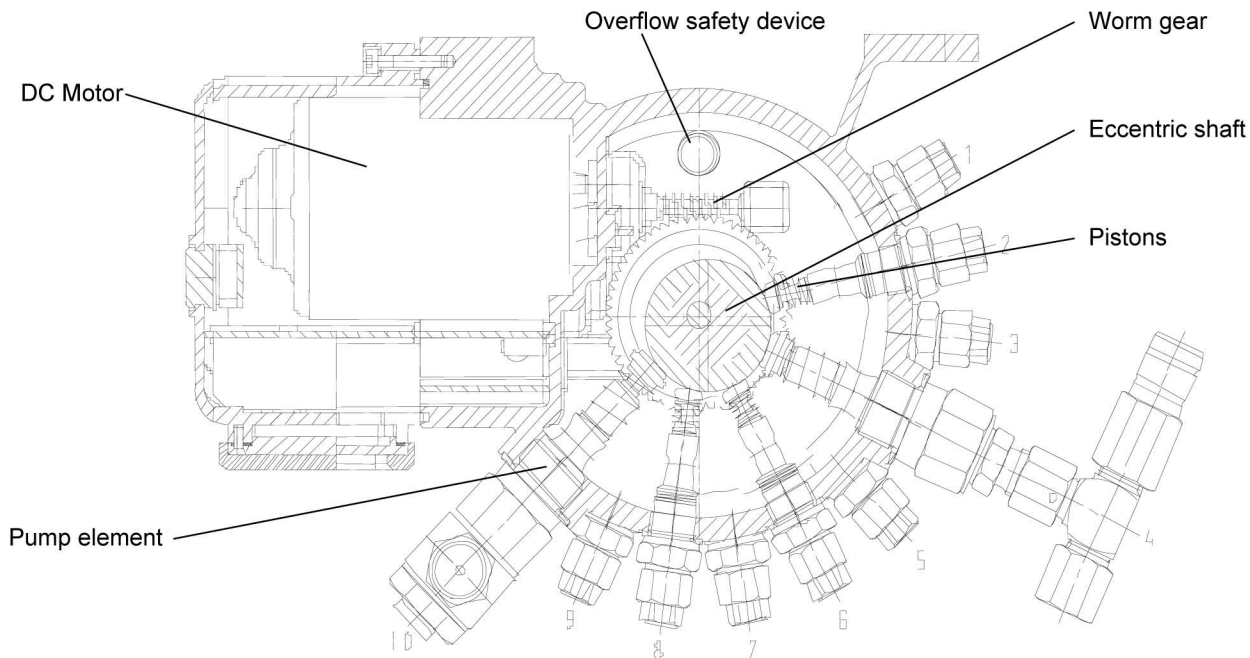
- Container size: 1,2 Kg
- Motor: 12 or 24V DC
- Number of outlets: 2 + 8
- Quantity per outlet: max. 1,8cm³/min
- Pressure: max. 280 bar
- Integrated timer
- Low level control: standard
- Adjustable pump element



PICO - combined system



PICO - combined system

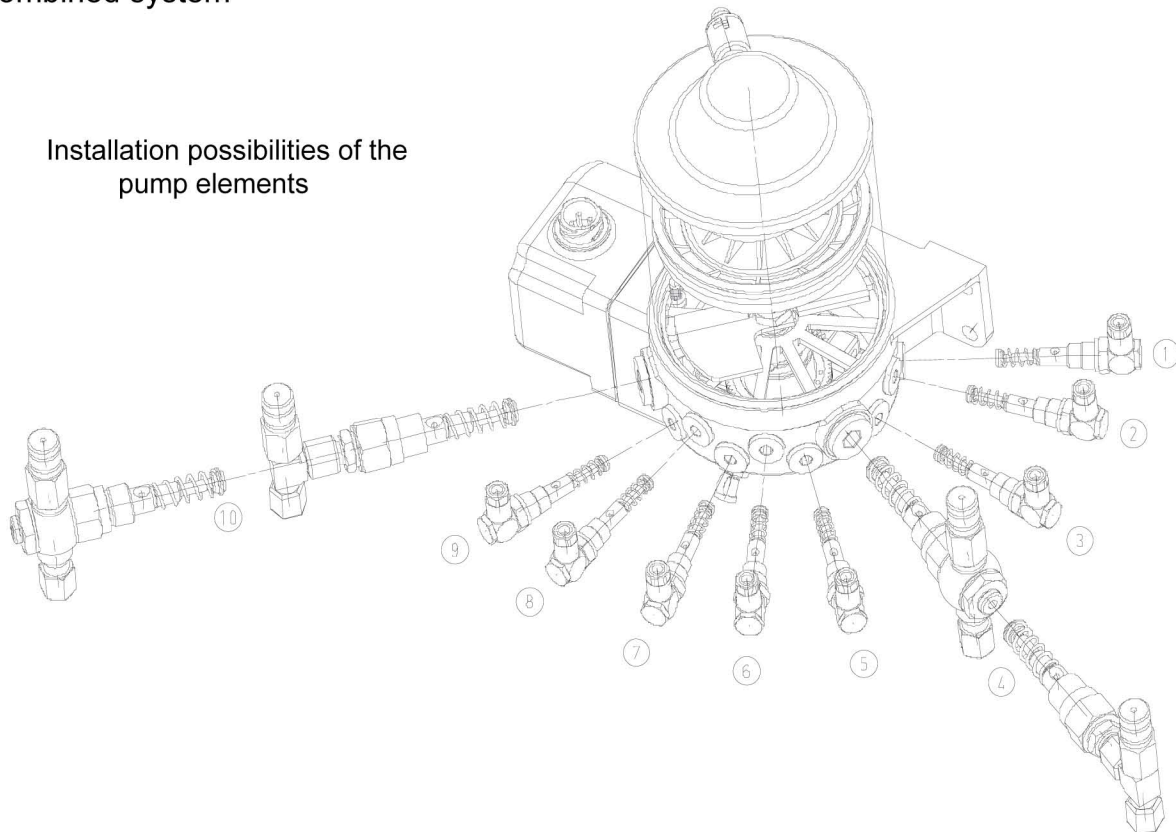




Central Lubrication

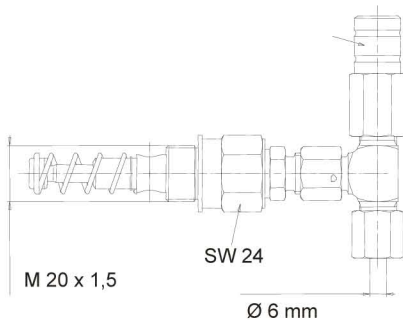
PICO - combined system

Installation possibilities of the
pump elements

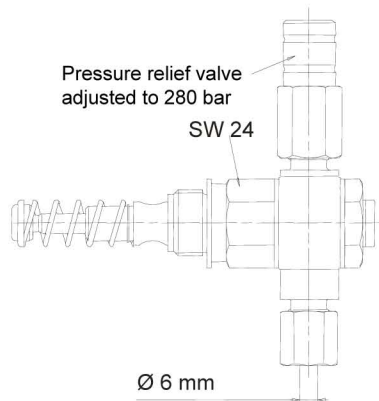


PICO - combined system

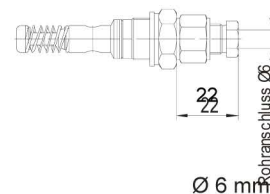
Pump element **PE-120F** for
progressive connector



Pump element **PE-120FV**
(adjustable) for
progressive connector

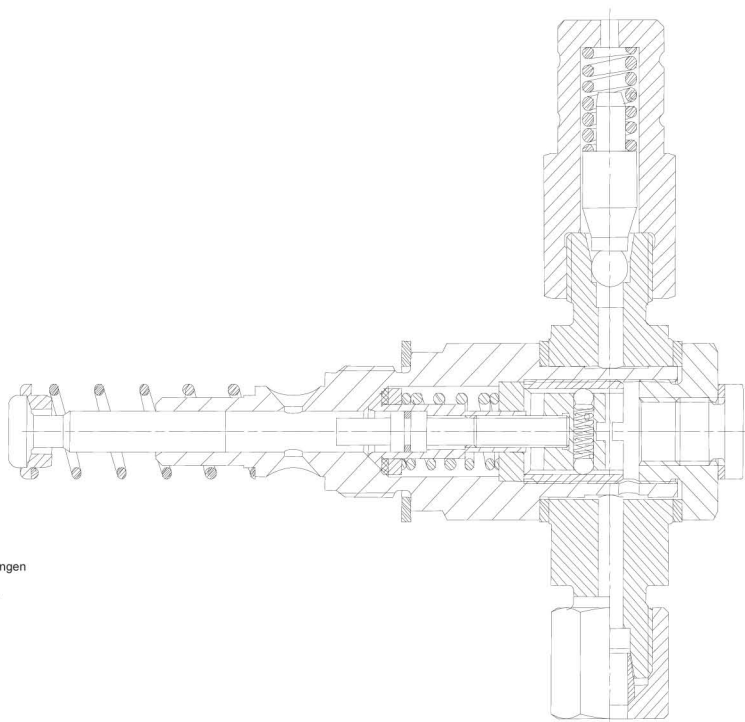
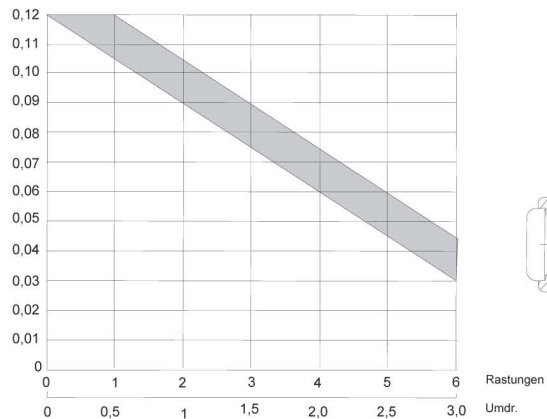


Pump element
PE-5 to PE-50
for multi line connector



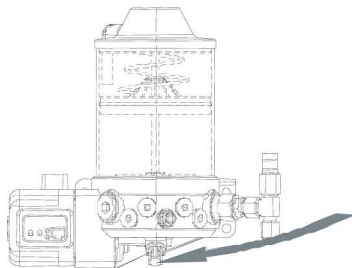
PICO - combined system

Delivery rate (cm³)

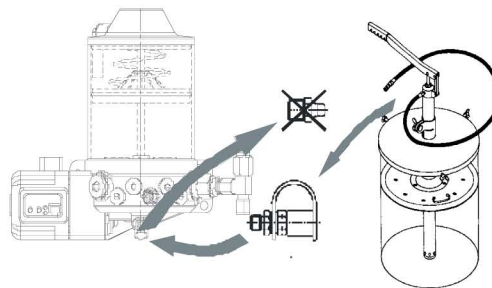


PICO - combined system

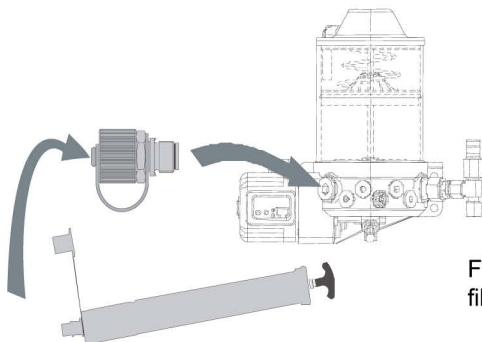
Filling methods



Filling with
grease nipple



Filling with
filling connector



Filling with
filling press

EP 1 - progressive system

- Container size: 1,9 kg
2,5 kg
4 kg
8 kg
- Motor: 12 or 24V DC
- Number of outlets: 3
- Quantity per outlet: max. 1,8cm³/min
- Pressure: max. 280 bar
- Integrated timer
- Low level control optional
- Adjustable pump element



1,9 kg



2,5 kg

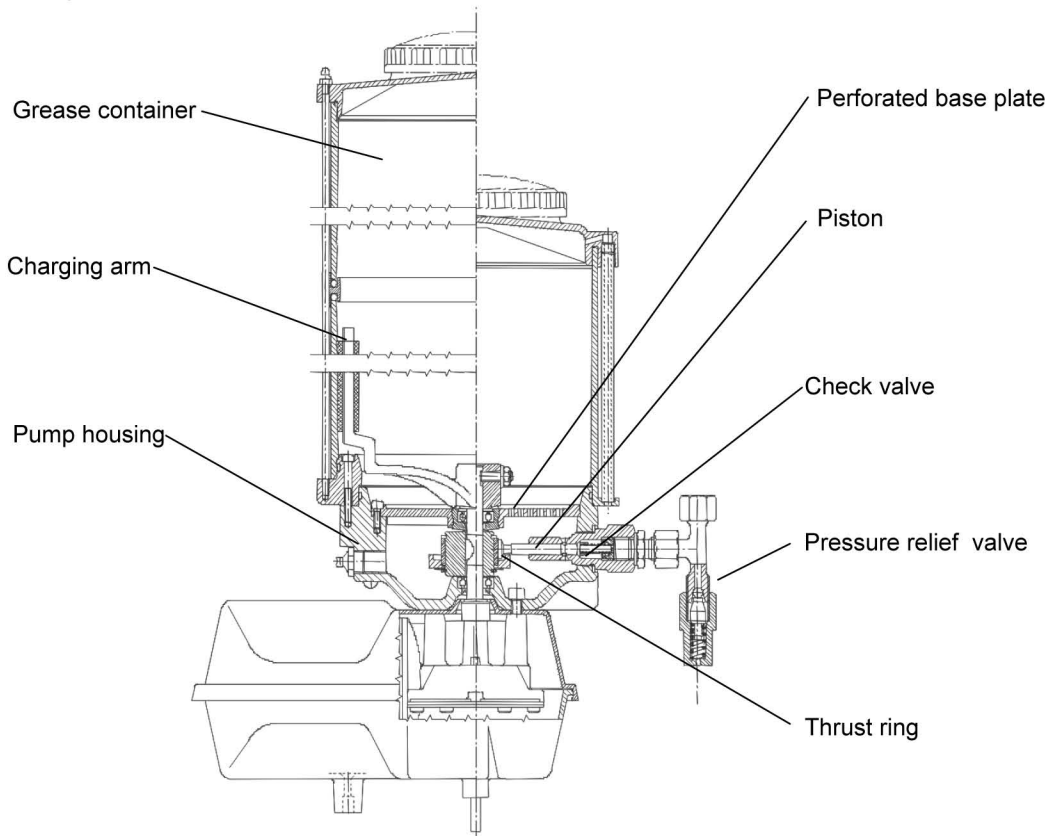


4 kg



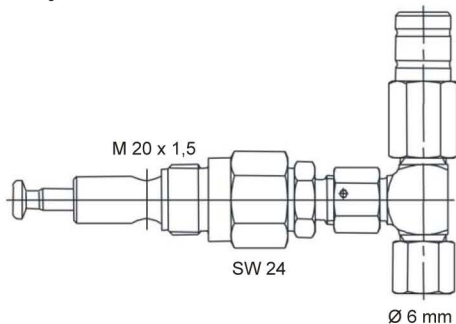
8 kg

EP 1 - progressive system



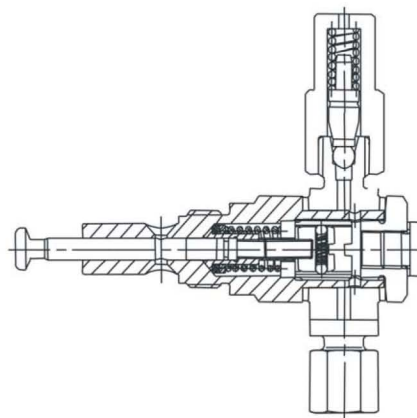
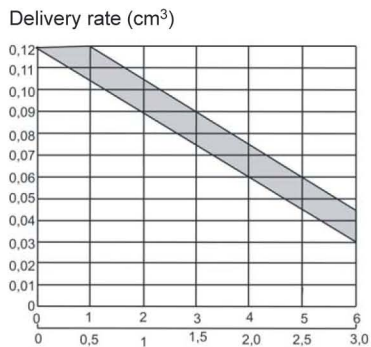
EP 1 - progressive system

Pump element
PE-120



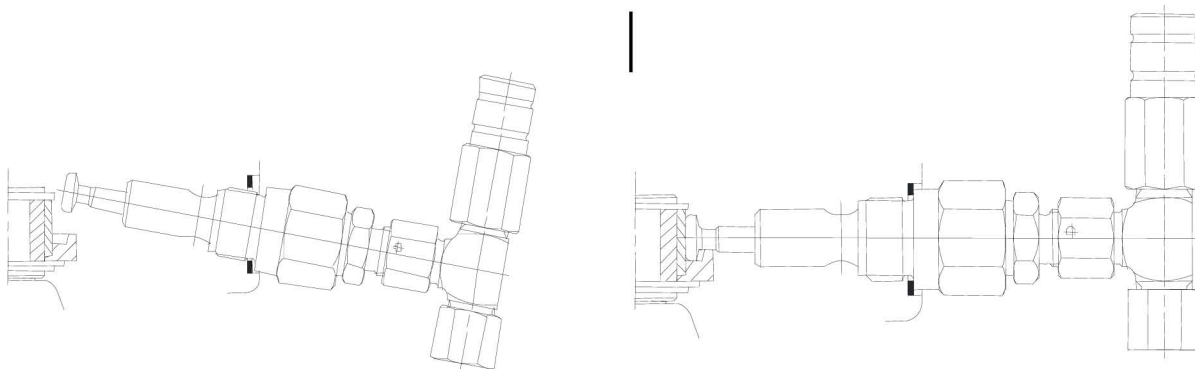
Pressure relief valve adjusted to 280 bar

Pump element
PE-120V
(adjustable)



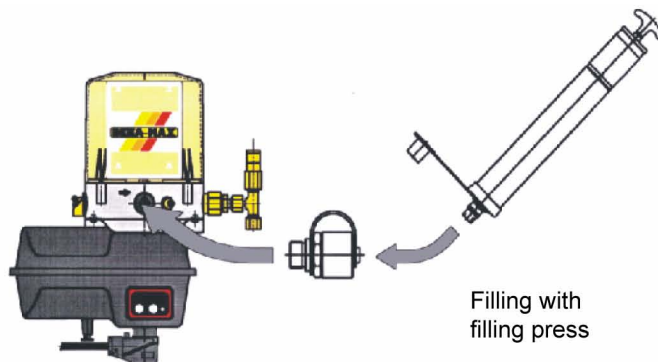
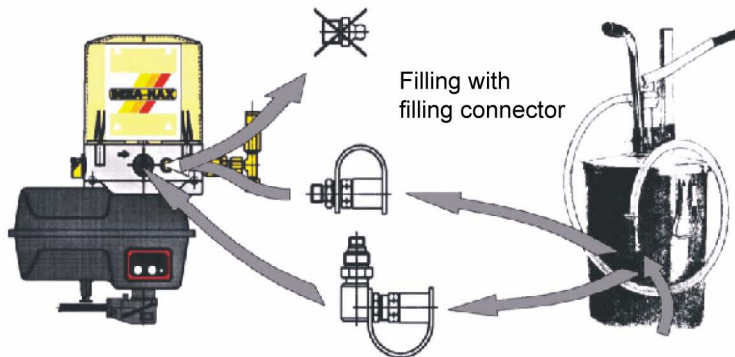
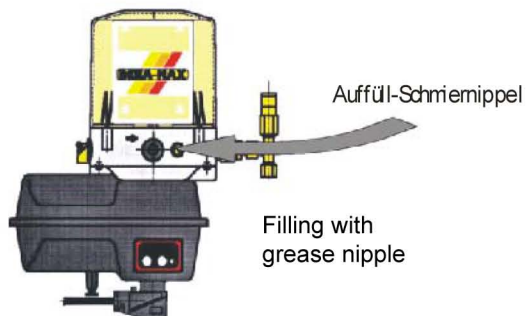
EP 1 - progressive system

Installation of the pump element **PE-120** or **PE-120V**



EP 1 - progressive system

Filling Methods

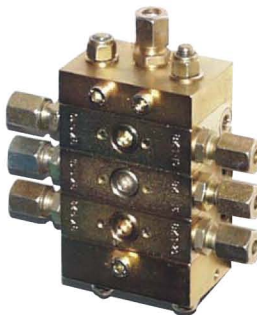


Progressive Distributors

MX-F



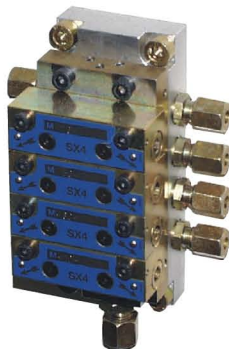
SX-1



SX-3



SX-4



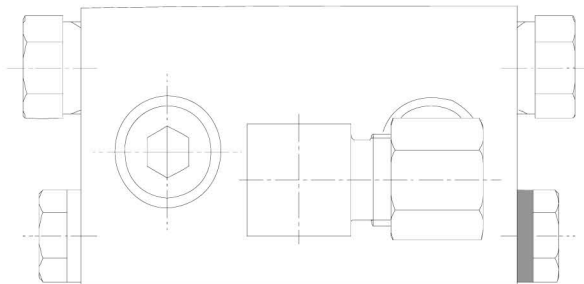
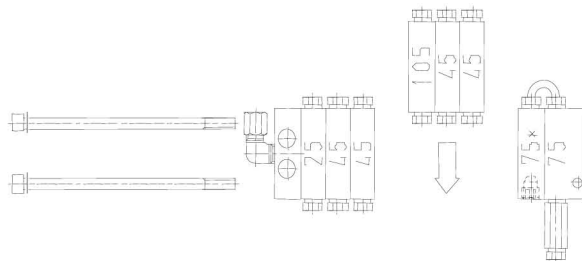
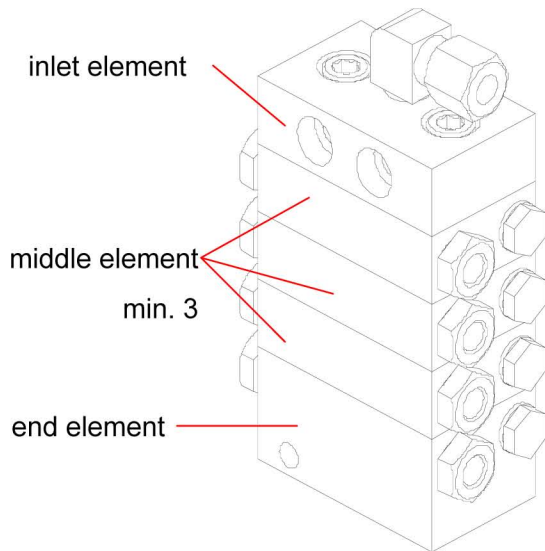
SX-D



UX



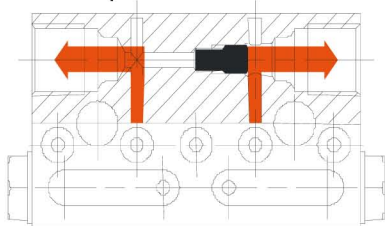
Progressive Distributors: MX-F



Progressive Distributors: MX-F

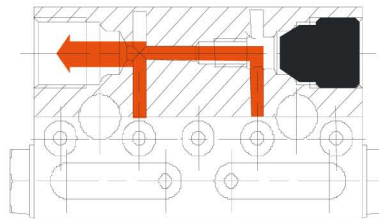
2 outlets per distributor element

1x



1 outlet per distributor element

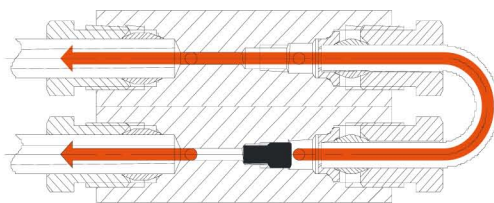
2x



Summarizing of several distributor outlets

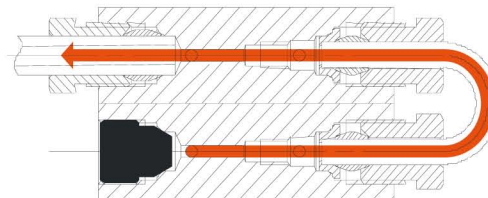
3 outlets summarised

3x



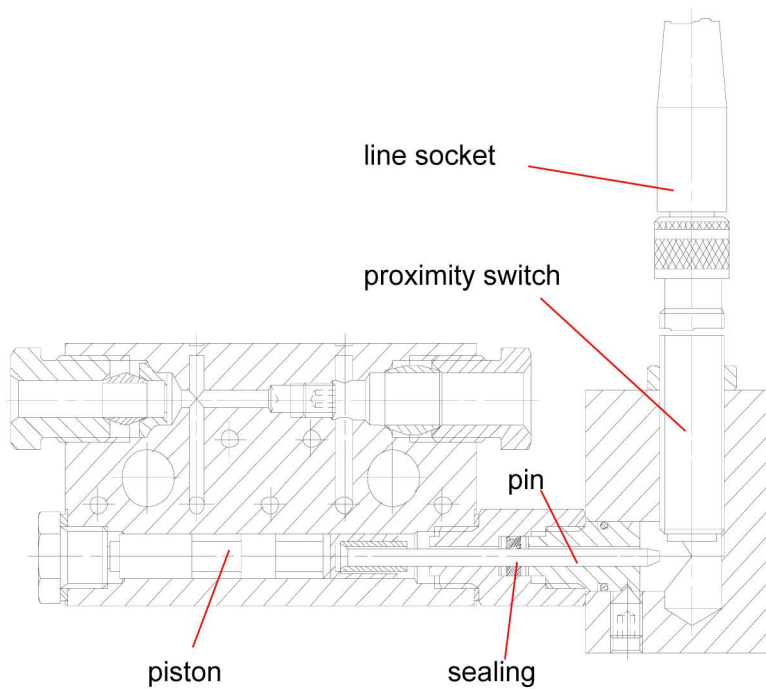
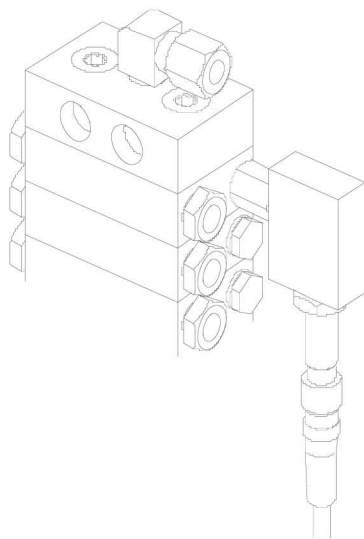
4 outlets summarised

4x



Progressive Distributors: MX-F

Progressive distributor with
proximity switch



Integrated controller



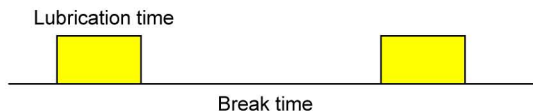
S-EP 4

- Developed for EP -1 and PICO
- Voltage 10 - 60 V DC
- Protective system IP 65



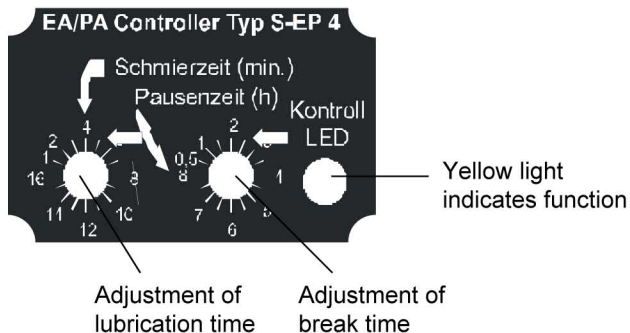
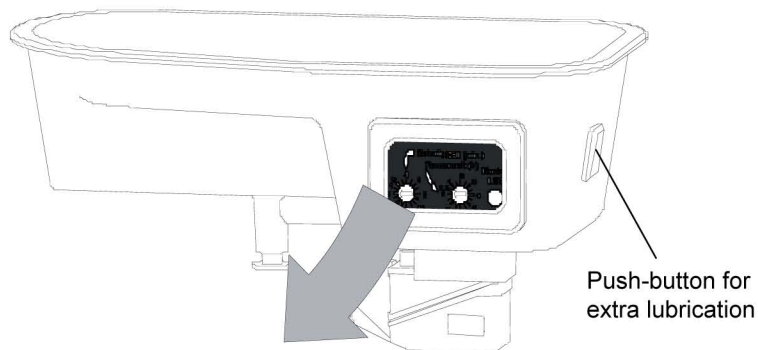
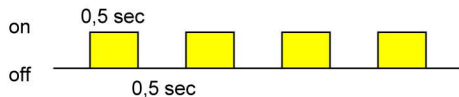
PICO-tronic

Integrated controller: S-EP 4



Indication of a lubrication process:

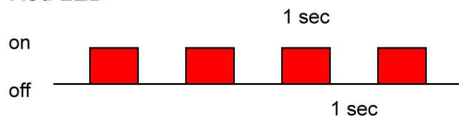
Yellow light



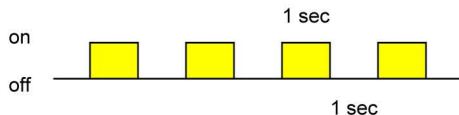
Integrated controller: PICO-tronic

Indication of the green and red LED:
 Fault at the progressive distributor

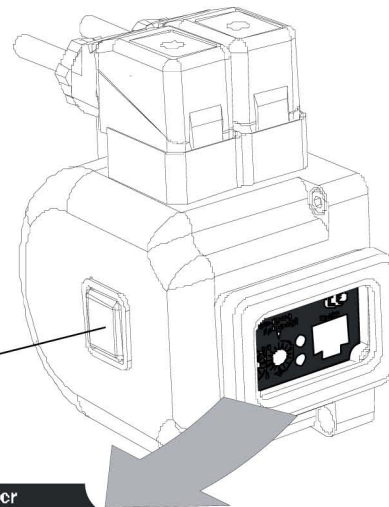
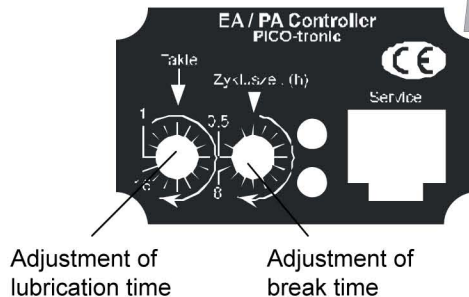
Red LED



Green LED



Push-button for
 extra lubrication
 and reset



Integrated controller: Data sheets



EP-tronic



EP-tronic T1



S-EP 4



PICO-tronic



PICO S-EP 4



PICO-tronic T1

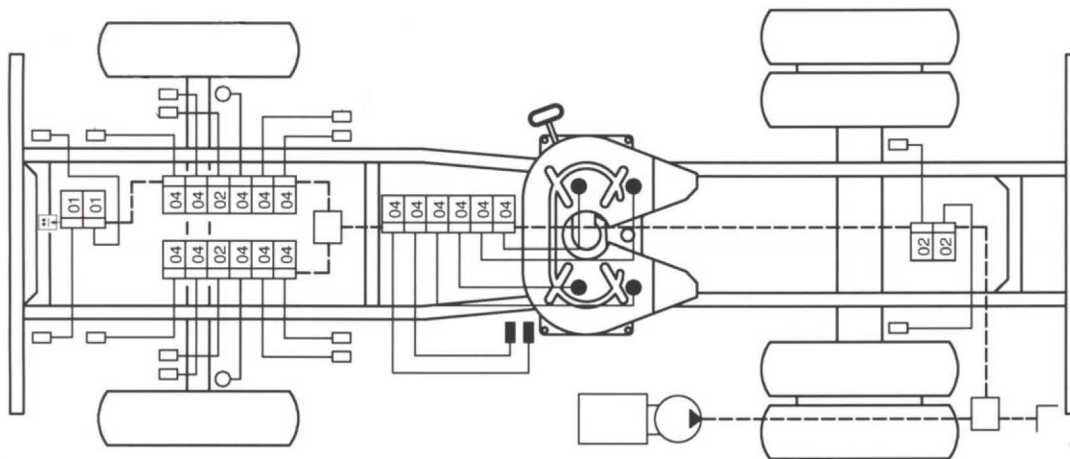


BEKA DiSys



Central Lubrication

Layout Single Line System



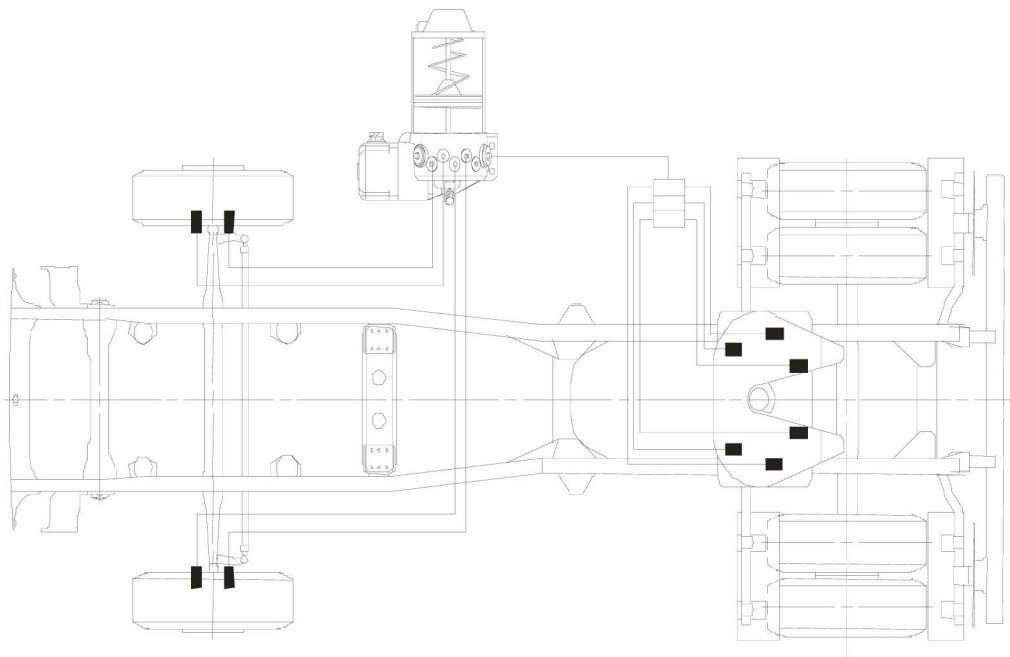


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BEKA-MAX®

Layout Combined System



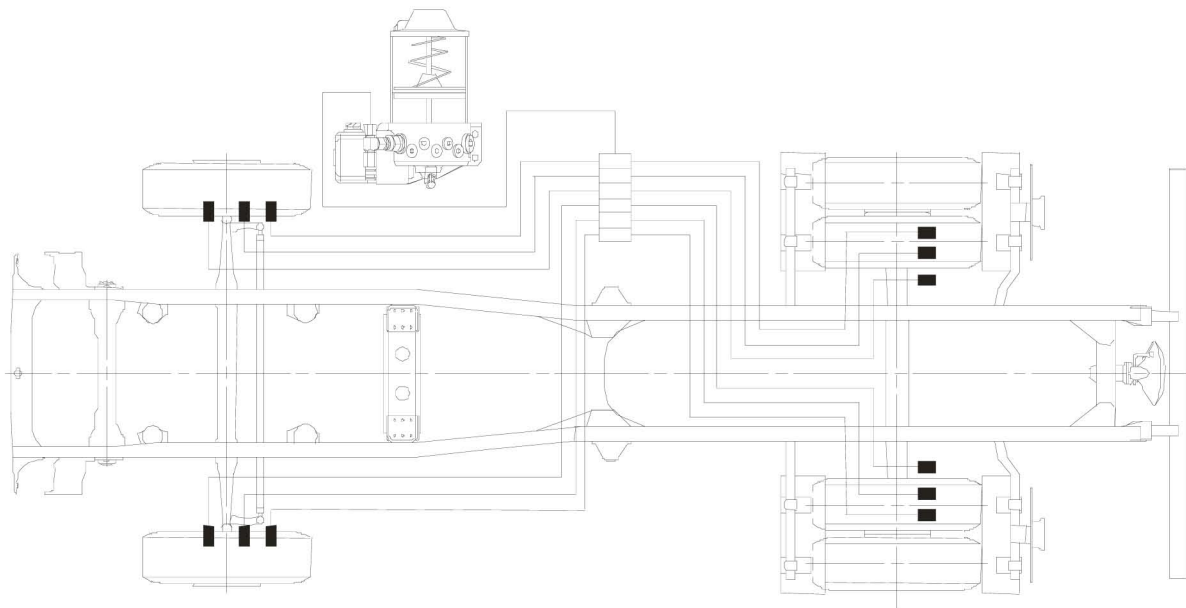


Central Lubrication

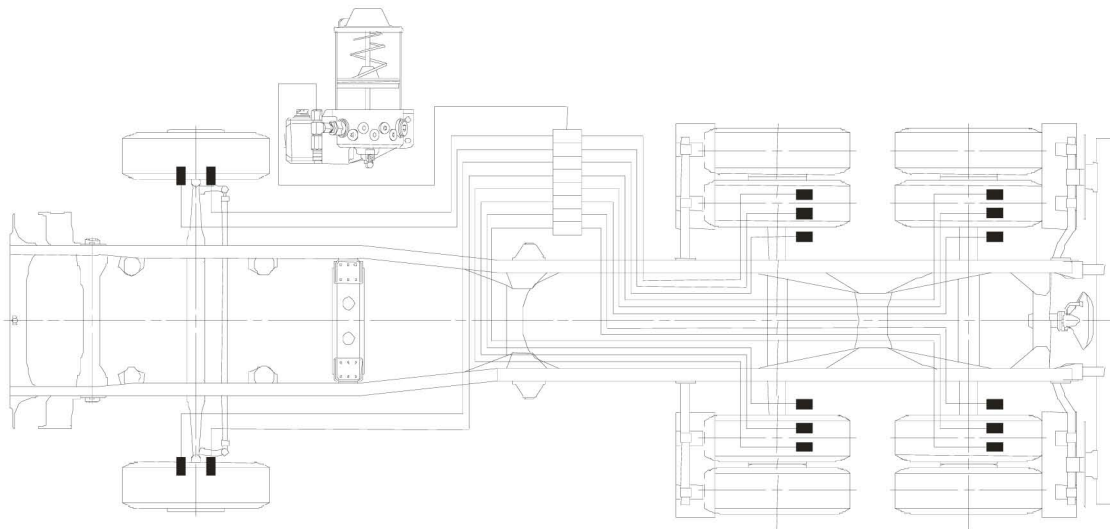
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Layout Progressive System

