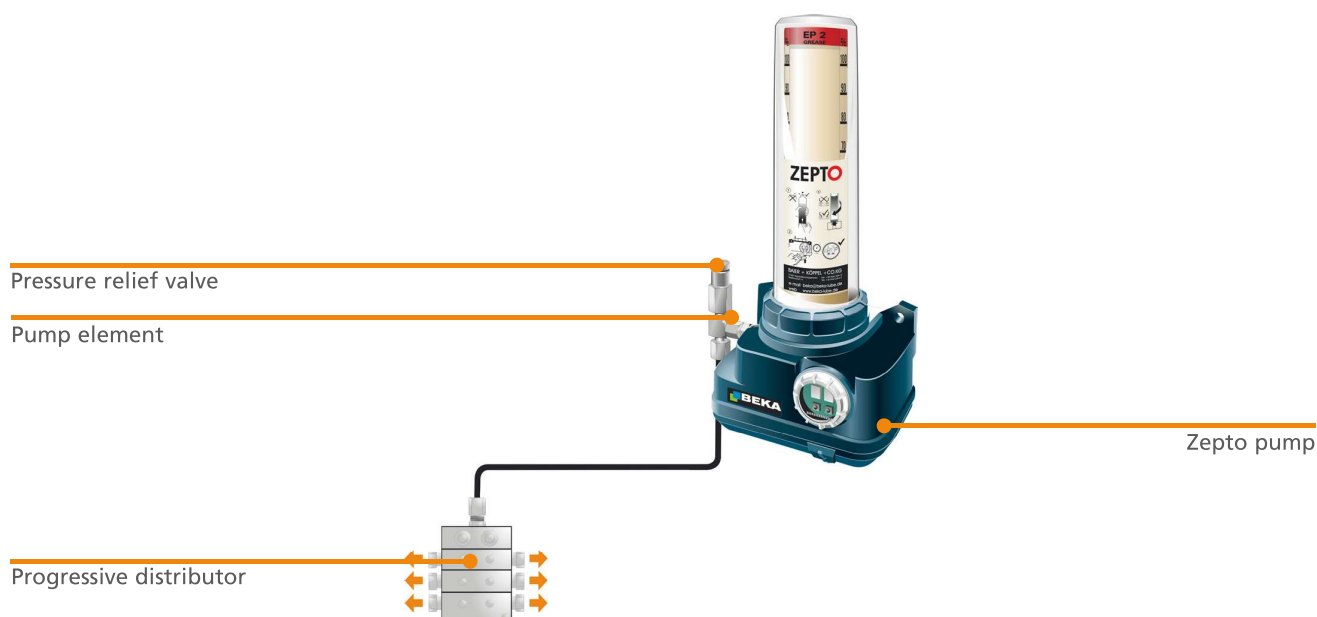


Working principle

When the pump is activated, grease is pumped from the cartridge to the distribution block. The metering units on the progressive distributor provide the exact amount of grease to the lubrication points.



Technical information

Pump type	Electric
Operating voltage	12 or 24V
No. of outlets	1
Max. operating pressure	290 bar (4200 psi)
Delivery volume	Constant 0,9 cc/min.
Grease class	NLGI-000 up to NLGI-2
Reservoir capacity	Standard cartridges
Compatible cartridge types	S (Lube-Shuttle®), F (SYSTEM REINER) or L (Ritter grease cartridge 400 ml) with corresponding adapter
Temperature range	-25 up to +70 °C (-13 up to 158 °F), depending on lubricant
Protection class	IP6K9K

Applications

The BEKAMAX Zepto can be used for a wide variety of applications but is most commonly used for mobile applications in transport, construction, agricultural, forestry, port equipment and for smaller industrial applications.



Trucks



Sweepers



Forklift



Mini-excavator

BEKAMAX PICO

The PICO system combines power and flexibility in perfect conditions with a compact design. The PICO system is the unique combination of progressive- and multi line technology.

The basic version of the PICO pump supplies lubricant through the progressive outlets to the lube points via one or more progressive distributors. In addition up to 8 lubrication points can be supplied directly via the multi line principle. If necessary the system can be enlarged by a second progressive cycle.

- Very compact design for applications with little number of lubrication points
- Unique combination of two lubrication systems:
- Progressive- and multi line technology
- Suitable for all common lubricants from NLGI-000 up to NLGI-2
- Flexible extension possibilities

System overview



Reservoir

The 1,2 litre reservoir is available with agitator blade or follower plate. The system with a follower plate can be installed in each direction, also upside down.

Follower plate

The follower plate ensures that all the grease in the reservoir is used. This means that the reservoir wall remains clean, allowing you to check the grease level visually. Ageing of the grease as a result of oxidation is also prevented.

Multi line outputs

The PICO has got 8 multi line outputs for different pump elements.

Progressive outputs

The PICO has got 2 progressive outputs for different pump elements.

Filling zerk

The pump can be filled with a standard filling gun. The filling zerk can be replaced by a filling connection to refill using a filling pump.

Control unit

The PICO can be delivered with an integrated control unit with:

- 3 control functions: time, stroke or revolutions
- Electronic monitoring of grease level, pump function, distributor function, line rupture, lubricant feeding
- Selection of operating conditions: easy, medium or heavy
- Integrated data logger with diagnosis module DiSys

The protective housing is equipped with a bayonet or Hirschmann plug-type connection.

Pump elements

Two different construction types of pump elements can be installed into the device, depending on for which lubrication system or for which lubrication system combination the device is used.

System	Pump elements		Metering volume
Multi line	PE 5		0.005 cc/stroke
	PE 10		0.010 cc/stroke
	PE 15		0.015 cc/stroke
	PE 25		0.025 cc/stroke
	PE 50		0.050 cc/stroke
Progressive	PE 120 F	with/without pressure limiting valve	0.120 cc/stroke
	PE 120 FV		0.04 up to max. 0.12 cc/stroke (adjustable)