

Cartridge Pump

with electric drive



ZEPTO

- 290 bar
- 12 and 24 V DC
- -25 - +70 °C
- IP6K9K

The lubrication pump for smaller machines and systems

- Easy handling
- Rugged and compact
- For different cartridge types
- Clean filling
- Integrated control unit

Cartridge Pump

with electric drive

ZEPTO

The electric cartridge pump **ZEPTO** is designed to provide lubricant within a central lubrication system (for example, a progressive system) or to single lubrication points.

ZEPTO can be used for lubrication of smaller machines and systems with up to 30 lubrication points.

There are numerous possible applications:

- Stationary machines and systems
- Construction vehicles and machines
- Agriculture and forestry
- Special-purpose machines and much more!

The compact eccentric pump supplies the lubricant reliably with the help of desmodromic pump element. An innovative revolution control ensures constant delivery rates irrespective of the supply voltage.

ZEPTO can be used with following standard cartridge types: S (Lube-Shuttle®), F (SYSTEM REINER) or L (Ritter grease cartridge 400 ml) with corresponding adapter.

Due to simple cartridge replacement the lubricant can be refilled fast and clean.

Technical Data

Pump

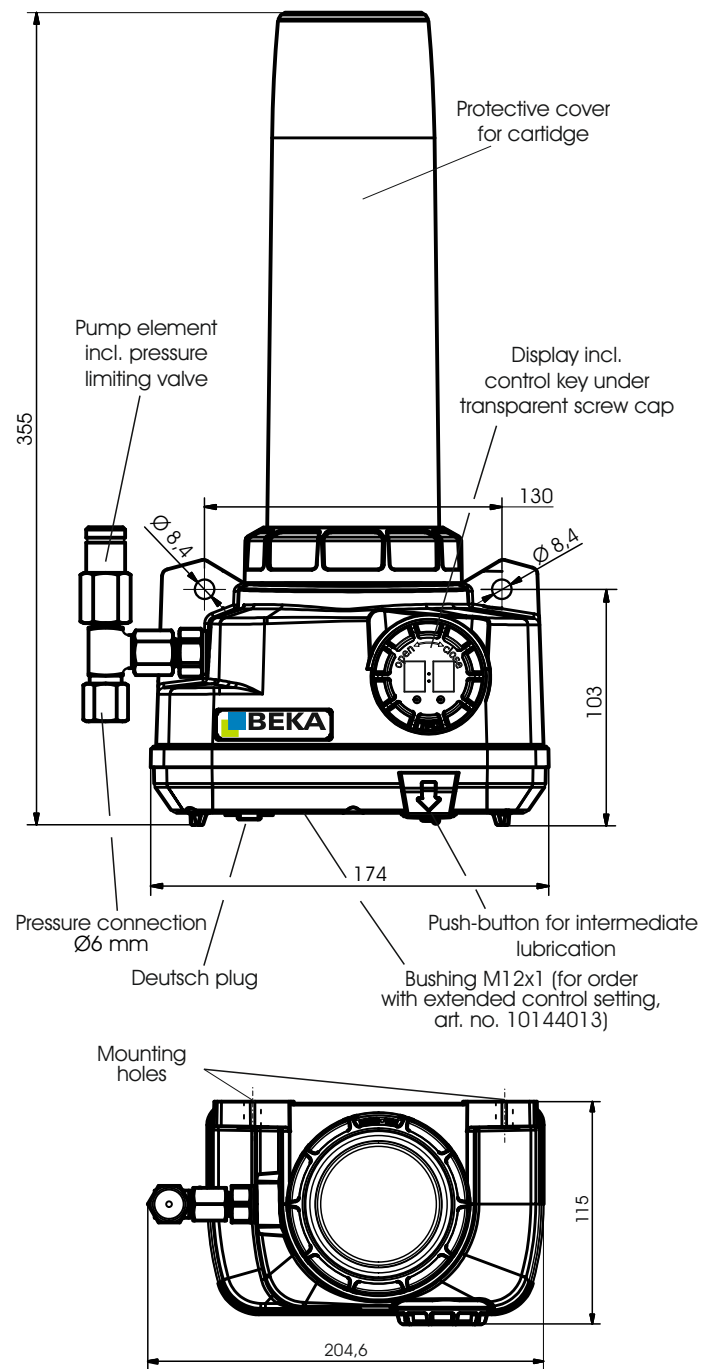
Pressure connection:	Ø 6 mm
Delivery pressure:	max. 290 bar (4200 psi) (setting of the pressure limiting valve)
Temperature range:	-25 °C to +70 °C (-13 to +158 °F) (depending on lubricant)
Lubricant:	grease up to NLGI 2
Cartridge types:	S (Lube-Shuttle®)* L (Ritter grease cartridge 400 ml) F (SYSTEM REINER)**
Delivery volume:	constant 0,9 cm ³ /min
Level monitoring:	with prewarning (signal output: display and Deutsch plug)
Housing:	high-strength plastic
Corrosion degree of protection of steel:	C4 corresponding to ISO 12944-2
Drive:	DC motor
Operational voltage:	12 and 24 V DC
Current consumption:	max. 5 A (incl. reverse polarity protection)
Power supply connection:	Deutsch plug, 4-poles
Fuse (not included in device):	3 A
Pump outlets:	1
Installation position:	vertical
Degree of protection:	IP6K9K (ISO 20653)

Control unit

Operational modes:	time control time control with pressure monitoring pulse control continuous operation
Functions:	intermediate lubrication (actuation by button or externally via Deutsch plug) adjustable level prewarning (signal output on the display or externally via Deutsch plug)

* Lube-Shuttle® is a registered trade mark of MATO

** SYSTEM REINER is a registered trade mark of FUCHS LUBRITECH GmbH



www.beka-lube.de

BAIER+KÖPPEL GMBH+Co. KG
BEETHOVENSTRASSE 14
91257 PEGNITZ/GERMANY

fon +49 9241 729-0
fax +49 9241 729-50
e-mail beka@beka-lube.de