



# Rolling Bearing Lubrication Made Easy

## FAG CONCEPT2 E KIT

The FAG CONCEPT2 automatic lubricator is ideally suited for individual lubrication of two bearing positions in electric motors, fans, and compressors. A complete E KIT system specifically developed for retrofitting on electric motors is now available. In addition to the FAG CONCEPT2 lubricator, this system comprises all the accessory components required for mounting and installation, allowing a simple upgrade to a fully automatic relubrication system.

- The lubricator and all accessory components for mounting and installation are available as a complete package
- Two bearings with different lubrication requirements can be supplied
- Easy integration into machine operation
- Good price/performance ratio

# FAG CONCEPT2 E KIT



FAG CONCEPT2 for lubrication of two bearing positions



FAG CONCEPT2 E KIT fitting kit

## FAG CONCEPT2 product characteristics

- Two outlets with independently adjustable lubrication intervals
- Lubricating media: Grease up to NLGI 2.  
Six lubrication variants (depending on the electric motor application): MULTITOP, MULTI2, MULTI3, LOAD150, TEMP90, TEMP110
- Lubricant reservoir: 250 cm<sup>3</sup> cartridge
- Delivery pressure: Up to 50 bar (24 V DC) / 30 bar (battery operation)
- Operating temperature: -20 °C to +70 °C

## Technical advantages

- Supply of up to two lubrication points
- Different lubrication intervals for each outlet
- Battery and mains operation possible
- Wide operating temperature range
- Reliable piston pumps as feed pumps
- Metering quantities independent of the ambient temperature
- Measurement of back pressure up to the lubrication point
- Monitoring of motor running and filling level

## Scope of delivery of FAG CONCEPT2 E KIT

- FAG CONCEPT2 lubricator with angled hose connectors. Optionally available for operation with battery or 24-volt power supply connector
- 3-meter long hose for cutting to length
- Retaining bracket including small parts kit for mounting at a 45° or 90° angle by means of an eye screw
- Hose connectors for 6-mm diameter hose (to replace existing lubrication nipples): 2 × M10×1, 2 × M8×1, 2 × G1/8", angled

### Complete FAG CONCEPT2 E KIT (without cartridge)

092662269-0000-10 ARCALUB-C2-2P-EKIT#S (battery operated)

092662277-0000-10 ARCALUB-C2-2P-24VDC-EKIT#S (24 V DC)

### 250 cm<sup>3</sup> grease cartridges

087328810-0000-10 ARCALUB-C2.LC250-MULTITOP#S

087328038-0000-10 ARCALUB-C2.LC250-MULTI2#S

087328771-0000-10 ARCALUB-C2.LC250-MULTI3#S

087329077-0000-10 ARCALUB-C2.LC250-LOAD150#S

087329816-0000-10 ARCALUB-C2.LC250-TEMP90#S

087329840-0000-10 ARCALUB-C2.LC250-TEMP110#S

Schaeffler will assist you as required using its global network of experts.

Please feel free to contact us.

## Complete packages

Figure 1  
Mounting example  
CONCEPT2 EKIT



The complete package EKIT allows the rapid refitting of electric motors to the lubricator CONCEPT2. In addition to the lubricator, it contains all the accessories required for mounting and lubrication. It thus facilitates simple conversion to fully automatic relubrication.

### Scope of delivery

The complete package EKIT comprises:

- lubricator CONCEPT2 (angled connector), voltage supply options:
  - battery operation
  - external, DC 24 V, with mains connection cable (straight plug, no LED, cable length = 10 m)
- hose of outside diameter = 6 mm, length = 3 m
- device holder ARCALUB-C2.HOLDER-KIT, see page 66.  
The universal locating bracket, when fixed by means of the eye bolt on an electric motor, can be mounted in a 45° or 90° position
- hose connector parts of angled design, for interchange with existing lubrication nipples:
  - 2 pieces with thread M10×1
  - 2 pieces with thread M8×1
  - 2 pieces with thread G<sup>1</sup>/<sub>8</sub>.

### Type overview Complete packages

Type	Ordering number	Ordering designation
CONCEPT2 EKIT (battery)	092662269-0000-10	ARCALUB-C2-2P-EKIT
CONCEPT2 EKIT (mains DC 24 V)	092662277-0000-10	ARCALUB-C2-2P-24VDC-EKIT

**Note!** Grease cartridges must be ordered separately, see page 30.

## Device holders

Device holders for:

- ① CONCEPT2
- ② CONCEPT8

*Figure 1*  
Application examples  
of device holders



The device holders facilitate the mounting of the lubricators CONCEPT2 and CONCEPT8 directly on the equipment to be lubricated or in its vicinity.

Scope of delivery  
Device holders for CONCEPT2

Device holder for CONCEPT2, with mounting material:

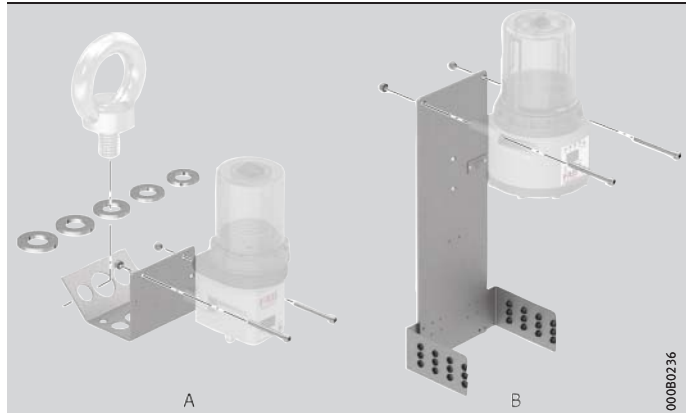
- universal locating bracket made from high grade steel
- 5 support washers in different dimensions, for locating the mounting bracket, for example by means of an eye bolt on a electric motor
- 2 socket head screws M6×50 with a retaining nut, for locating the lubricator on the universal locating bracket.

Scope of delivery  
Device holders for CONCEPT8

Device holder for CONCEPT8, for the additional location of splitters and progressive distributors, with mounting material:

- mounting baseplate made from high grade steel, including all holes
- 2 brackets made from high grade steel for the fixing of lubrication lines, including hose grommets
- 2 socket head screws M8×80 with a retaining nut, for locating the lubricator on the device holder.

**Type overview**  
**Device holders**



Type		Ordering number	Ordering designation
A	Device holder for CONCEPT2	092435726-0000-10	ARCALUB-C2.HOLDER-KIT
B	Device holder for CONCEPT8	093204094-0000-10	ARCALUB-C8.HOLDER-KIT

