

FAG CONCEPT PRECISION OIL



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*FAG CONCEPT PRECISION –
Minimum-quantity relubrication for spindle bearings*



Product features

- Two outlets
- Power supply: 24 V DC
- Lubricating media: Oil
- Lubricant reservoir:
Internal oil reservoir, approx. 250 cm³, or
external oil reservoir, size according to preference
- Operating temperature: –20°C to +70°C
- Piston pump principle
- Adjustable delivery rate: 30...300 µl/h
- With damper/throttle elements

Technical advantages

- Different delivery rates for each outlet
- Wide operating temperature range
- Reliable piston pumps as feed pumps
- Delivery quantities independent of the ambient temperature
- Back pressure check
- Virtually continuous rate of delivery to the spindle bearing due to damper/throttle elements

Customer benefits

- Optimum relubrication of the main spindle due to the constant minimum-quantity delivery rate
- Prevention of impermissible temperature increases
- Suitable for bearings with different lubrication requirements
- Can easily be integrated into machine operation

- Direct lubrication with oil eliminates the cost of compressed air
- No risk of spindle failure due to contaminated air
- Favorable price-performance ratio

Applications

Ideal for main spindles in machine tools



FAG CONCEPT PRECISION OIL with internal and external oil reservoir



Types available

- FAG CONCEPT PRECISION OIL with internal oil reservoir (250 cm³)
- FAG CONCEPT PRECISION OIL with connection adapter for an external oil reservoir

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