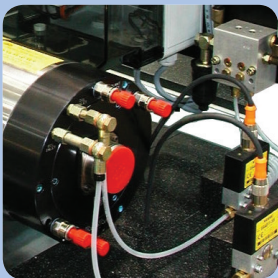


# Prevent spindle failure

Oil+air lubrication with innovative micro-metering unit and sensor monitoring directly behind the mixing valve



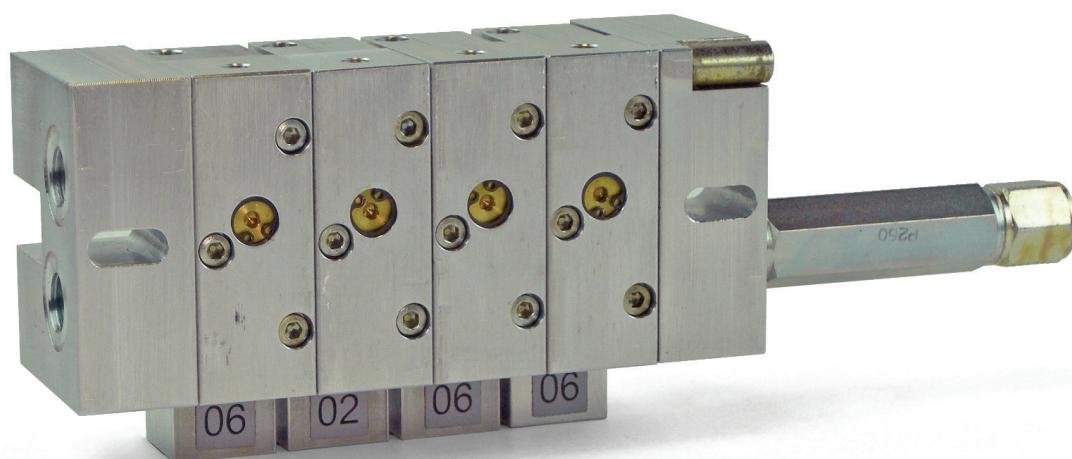
- Increased safety due to self-venting
- Shortened commissioning time
- Improved monitoring of oil+air current

# Shorter commissioning times

due to the self-venting MV50x micro-metering unit

*The newly developed MV50x series extends the metered quantity ranges and upgrades the MV20x-20 series. It allows minimum metered quantities of 2 and 6 mm<sup>3</sup>.*

*Due to self-venting during each pump operation/stroke, it ensures a supply of oil without bubbles to the metering unit in the MV50x.*



## Features

- Smallest metered quantities: 2 mm<sup>3</sup>, 6 mm<sup>3</sup>
- Self-venting
- Oil+air units with MV20x metering units can be upgraded with MV50x
- Modular construction

## Advantages

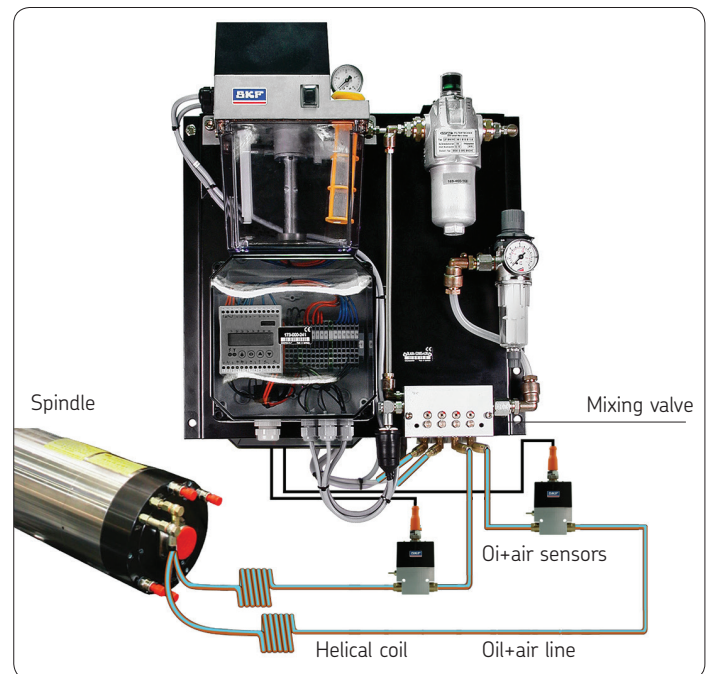
- Easy metering changes – without disassembly of metering unit and lines
- Shortened commissioning time
- High level of metering consistency
- Increased safety

# More flexible monitoring

due to the GSx011-S300 oil+air sensor

*Optoelectronic oil air sensors are implemented to monitor oil+air mixtures.*

*The GSx011-S300 sensor allows for monitoring directly behind the mixing valve, which significantly shortens the response time in the case of error messages and increases system safety.*



## Features

- Monitoring directly behind the mixing valve
- Starting at 2 mm<sup>3</sup>/metering pulse
- Signal pulse after successful metering
- Fast and simple installation

## Advantages

- Short response time in the case of missing oil metering
- Very short running-in time
- No teaching procedure required
- Increased system safety due to combined use with oil-streak sensors of the GSx011-S20 or GSx011-S50 series

**Order No. 1-0994-EN**

Subject to change without notice! (07/2014)

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**Further brochures**

1-0986-EN Oil+air lubrication system

1-0993-EN Micro-metering unit MV50x

1-1700-3-EN Control units for oil and air lubrication

1-1704-EN Flow monitors and sensors

1-5012-3-EN Oil+air systems for lubricating  
spindles, linear guides, racks and pinions

1-9201-EN Transport of Lubricants in Centralized Lubrication Systems

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