



# GROENEVELD-BEKA

LUBRICATION SYSTEMS BY TIMKEN

## BEKA Simplex

*Experience the Simplicity*

- Versatility
- Reliability
- Ease of use
- Efficiency
- Safety
- Customization

Available  
Q1 2025



# Introducing the BEKA Simplex: A Reliable and Versatile Gear Pump

The BEKA Simplex is a new, innovative gear pump designed to replace the BEKA Xlube, Mini 2, and Super 3 systems. Offering a combination of the best features from its predecessors, the Simplex provides a reliable and efficient solution for various industrial lubrication applications.

The Simplex is a versatile pump capable of handling both oil and fluid greases in single-line systems. Whether you need to lubricate bearings, chains, or other components, the Simplex has you covered.

The Simplex features a simple and intuitive design that makes it easy to operate and maintain. With its transparent reservoir, you can easily monitor oil levels and take necessary actions. The control unit is equally straightforward, featuring a simple knob for easy adjustment and control.

Equipped with a robust gear pump and a reliable pressure relief valve, the Simplex delivers consistent and reliable performance. The internal sieve ensures that only clean lubricants reach your lubrication points, protecting the pump and other components from damage.

The Simplex is equipped with an integrated level sensor and pressure switch, providing precise monitoring and control of the lubrication process. The system operates at a maximum pressure of 35 bar, ensuring adequate lubrication for a wide range of applications. Additionally, the Simplex features a high-quality motor and control technology that eliminates the need for current peaking, resulting in smoother and more efficient operation.

The reservoir is strategically located on top of the pump, which is particularly beneficial for handling fluid greases. This placement helps prevent air pockets and ensures a consistent flow of lubricant, improving overall system performance.

Despite its powerful capabilities, the Simplex maintains a compact and efficient design. The 3-liter reservoir provides sufficient capacity, while the protected drive unit ensures long-lasting durability.

The BEKA Simplex is the ideal choice for industries seeking a reliable, efficient, and user-friendly gear pump solution.

- + **Versatility:** Handles both oil and fluid greases.
- + **Reliability:** Robust gear pump and pressure relief valve.
- + **Ease of use:** Simple design and intuitive control.
- + **Efficiency:** Compact and efficient design.
- + **Safety:** Internal sieve protects against contaminants.
- + **Customization:** Available in 24V or 230V versions with or without a control unit.



## TECHNICAL DATA

Operating principle	Electric gear pump
Outlets	1
Delivery volume	0.4 l/min
Lubricant	Oil, viscosity range 20 - 700 cSt Fluid grease NLGI-000 - NLGI-00
Operating temperature	0 up to +40 °C (32 up to 104 °F)
Operating pressure	max. 35 bar (507 psi)
Reservoir	3 l
Material	plastic, transparent
Power supply	24 V AC, 85 - 305 V AC
Protection class	IP 54



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