

seko

Stark

Hydraulic diaphragm dosing pumps
with full motion mechanisms



Your Choice,
Our Commitment

A high level of precision

The Stark series are hydraulic diaphragm dosing pumps suitable for applications that require high levels of precision and are manufactured with materials that ensure compatibility with the widest range of liquid dosing application.

Mechanisms Mechanical return type available in several sizes

Conceived with internal worm gearbox, oil bath lubricated **with low noise emissions** and rotating parts on bearings to minimise power consumption. **High precision stroke adjustment**, both manual and via electric actuator.

Hydraulic PTFE diaphragm heads The ideal solution for applications demanding operational safety and reliability

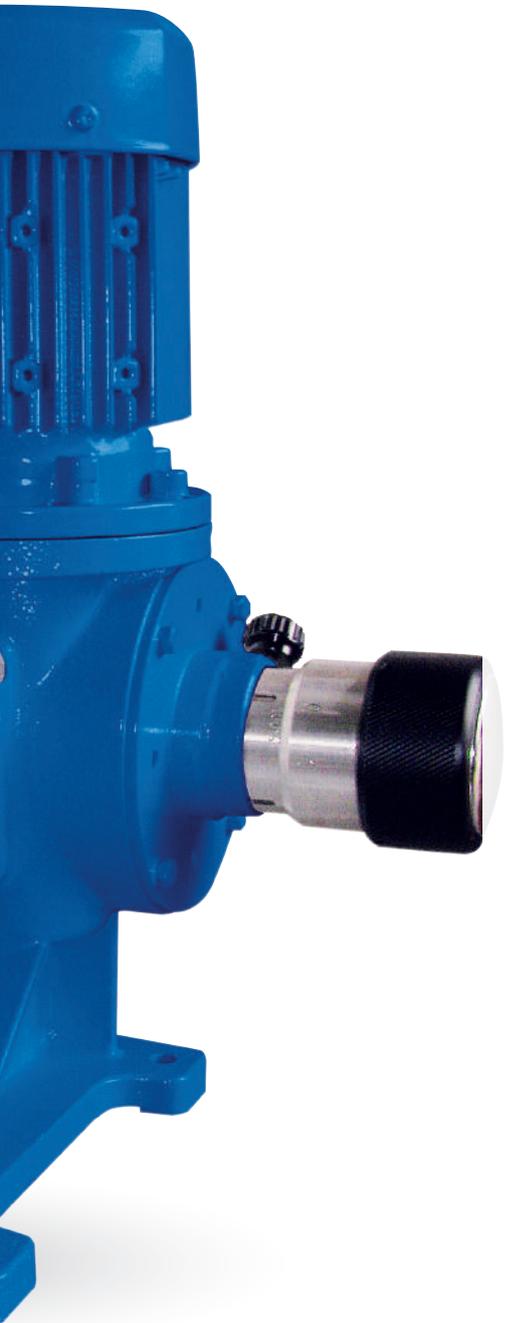
Design features include a **zero-leakage profile** offering watertight construction for **dosing toxic, corrosive and other hazardous liquids**; it also offers **protection against pollutants** which could contaminate the liquid that is being pumped.

A mechanical refilling system maintains a constant hydraulic fluid level, thereby **guaranteeing maximum precision and repeatability**. It also helps manage the eventual deformation of diaphragm thereby increasing its lifespan and **reducing operational costs**.

A wide range of applications

Suitable for a wide range of water treatment and industrial sector, Stark can effectively be used in any of the following applications: **Municipalities, Wastewater, Chemical, Food & Beverages, Detergents, Power Generation, Environment, Petrochemical, Pharmaceutical, Paper and Textile.**





Venting system

Aside from guaranteeing automatic venting during operation, the venting system also facilitates pump priming by allowing manually operated air purge.



Pressure relief valve

Protects the pump against unexpected overpressure.



Flow rate adjustment

- Easy to handle knob with high visibility nonius for manually operated air purge
- Optionally available automatic variation by electrical actuators AKTUA



Cartridge valves

In order to ensure maximum dosing precision, even for small flow rates, double and triple ball configurations are available with high precision seats. The metal gaskets for the SS316L stainless steel heads, and the FPM gaskets for those in plastic, guarantee maximum compatibility.

Technical Features

Flow rate up to 660 l/h

Pressure up to 124 bar

Material of pump head SS 316L, PP, PVDF and PVC-U

Stroke length 10/ 25 mm

Diaphragm diameter 12/ 15/ 20/ 30/ 35/ 40/ 50 mm

Motor 0.18/ 0.25/ 0.75/ 1.1/ 1.5 kW

Accessories

Flow rate calibration pots

Pulsation dampers

Safety valves

Back pressure valves



Certified ATEX
94/4/CE II 2 G E IIB
T4 (for Zone 1)

Your Choice, Our Commitment

In the modern Globalised world, being a privately owned Company has significant benefits especially for our Customers, our Partners. For over 40 years, SEKO has developed a Global organisation able to take the longer view, manage the pressure of the now, and to plan for the long term, delivering true Partnership for our Customers, with transparency and mutual respect for each other.

Whether it's for our reknown flexibility, our attention to detail, the high-quality products, or just the way we do business, we understand that it's Your Choice to do business with us. It is Our Commitment to fulfill your needs wherever you, our Customers are.



For more information about our portfolio, worldwide locations, approvals, certifications, and local representatives, please visit www.seko.com

As part of a process of on-going product development, SEKO reserves the right to amend and change specifications without prior notice. Published data may be subject to change.

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The SEKO logo, consisting of the word "seko" in a bold, blue, lowercase sans-serif font. The letter 's' is particularly thick and stylized. The logo is positioned in the bottom right corner of the page.

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