

Exacta Series

PLUNGER AND MECHANICAL DIAPHRAGM PUMPS
WITH SPRING RETURN MECHANISM





Economical and reliable, this series is an ideal solution for injecting and dosing several industrial chemicals with accuracy.

To control the stroke variation and consequently the fluid dosage, these kinds of pumps adopt the principle of the **eccentric shaft based on spring return mechanism** (aluminium housing), features which assure a reliable and simple maintenance.

The **rotation of the eccentric** is obtained by means of a low noisy worm gear speed reducer.

In agreement with **IEC standards** the driver can be mono or three-phase.

The Exacta series are suitable for dosage of chemical additive in many application fields: water and wastewater treatment, pulp and paper sector, food & beverage etc.

These series are available with wet part in stainless steel or plastic materials.

Electric stroke adjustment servomotor

It is used when the pump's flow rate has to be automatically adjusted from remote.

- Power supply 100-250 V, mono phase 50 Hz – IP65
- Manual emergency stroke adjustment
- 4÷20mA feedback signal



The pump flow rate can be adjusted

- Manually with grip handle and graded vernier
- Electric servomotor with a 4÷20mA signal and manual emergency adjuster
- Inverter, by regulating the speed of the motor, keeping the manual/electric adjustment in the stroke length

Accessories

- Safety valves
- Pulsation Dampers
- Back pressure valves
- Calibration pots



D Series Technical Features

Mechanical diaphragm pumps with spring return mechanism

Flow Rate	from 5,5 to 500 l/h (1,45 to 132 gph)
Pressure	SS 316 L Version up to 10 bar (72,5 to 145 psi) PP/PVC/PVDF Version up to 10 (72,5 to 145 psi)
Stroke Rate	from 58 to 116 stroke/minutes
Diaphragm diameter	from 65 to 165 mm
Motor Powers	Standard 0,18 - 0,25 - 0,37 kw (IP55)



K1 Series Technical Features

Plunger Metering Pumps with spring return mechanism

Flow Rate	from 1,5 to 304 l/h (0,4 to 80,4 gph)
Pressure	SS 316 L Version up to 40 bar (72,5 to 145 psi) PVC Version up to 10 bar (145 psi)
Stroke Rate	from 58 to 116 stroke/minutes
Diaphragm diameter	from 6 to 64 mm
Motor Powers	Standard 0,18 - 0,25 kw (IP55)



K2 Series Technical Features

Plunger Metering Pumps with spring return mechanism

Flow Rate	from 40 to 1000 l/h (12,7 to 317,5 gph)
Pressure	SS 316 L Version up to 10 bar (145 psi) PVC Version up to 10 bar (145 psi)
Stroke Rate	from 58 to 116 stroke/minutes
Diaphragm diameter	from 25 to 89 mm
Motor Powers	Standard 0,37 - 0,55 - 0,75 kw (IP55)



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seko is a leading manufacturer of dosing pumps and dosing systems with more than 40 years experience. This long activity allowed **seko** to acquire a vast experience in diversified applications and to confirm its international success in many industrial fields through the supply of reliable solutions for the dosing, injection and transfer of liquids.



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