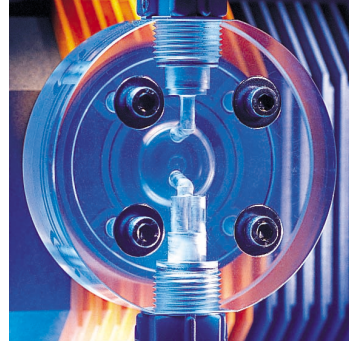
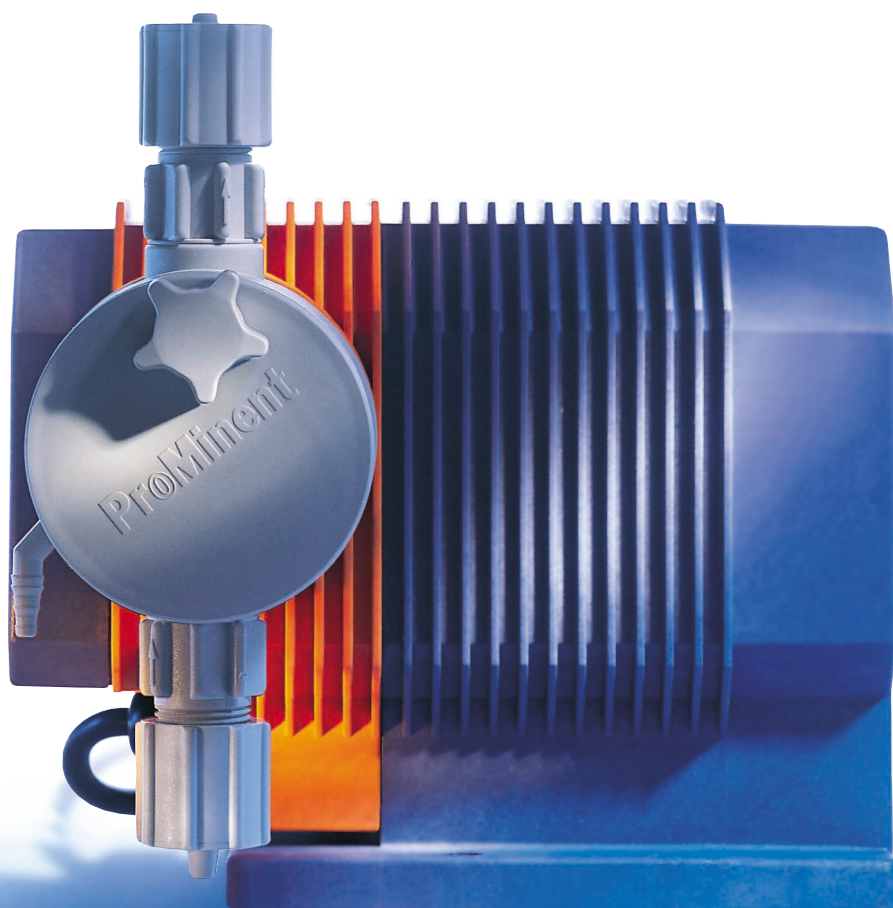


THE ALPHA MOTOR DRIVEN DOSING PUMPS FROM PROMinent.
ROBUST PUMPS FOR SIMPLE DOSING TASKS.

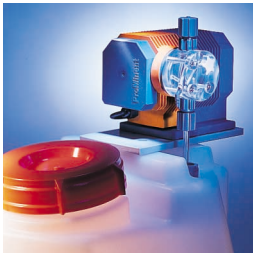


VERSATILE



ProMinent®

**ALPHA: DOSING MADE SIMPLE,
MAXIMUM OUTPUT, MINIMUM INPUT.**



alpha in action: alpha pumps can be used for dosing practically all chemicals in general use

alpha is the first in ProMinent's ABC of dosing pumps. The pumps in the alpha range were developed primarily for simple dosing tasks involving constant dosing quantities. They are

designed for robust, uncomplicated continuous operation and ease of use. The small power package is ideally suited to a wide range of dosing tasks. Four motors with different gear ratios and

different sized liquid ends made from polypropylene or Plexiglas/PVC make the alpha the patent solution for many application areas.



alpha, simply ideal for simple dosing tasks - thanks to its robust uncomplicated design.



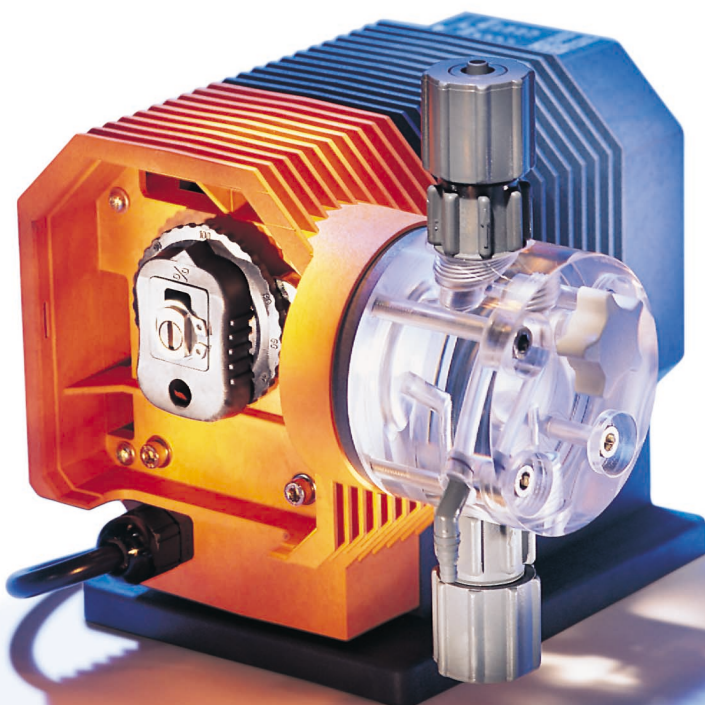
Modular construction; universal application: feed rate of 0.5 to 18.5 l/h at 10 to 4 bar.

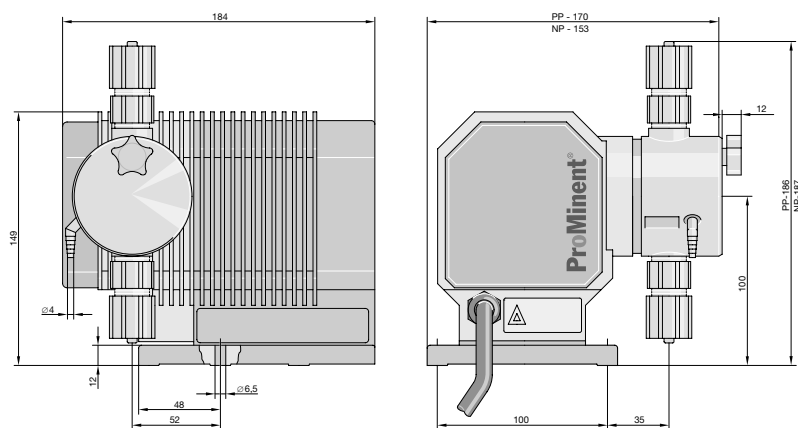


Simple dosing adjustment via 10 % stroke length variation.



The liquid ends are available in three sizes and two materials. As a result, the alpha is suitable for a whole variety of applications.





Materials in contact with chemicals

Version	Liquid end	Suction pressure connector	Seals	Valve balls	Patented bleed system
PP1	Polypropylene	Polypropylene	EPDM	Ceramic	Yes
PP2	Polypropylene	Polypropylene	FPM A (Viton® A)	Ceramic	Yes
PP3	Polypropylene	Polypropylene	FPM A (Viton® B)	Ceramic	Yes
NP3	Acrylgas (PMMA)	PVC	FPM B (Viton® B)	Ceramic	Yes
NP6	Acrylgas (PMMA)	PVC	FPM (Viton®)	Ceramic	No

LONG-LIFE

Operation and installation of the liquid end is very simple. The device is switched on and off at the mains. The feed rate is altered by varying the stroke length in 10 % steps when the pump is at rest. The stroke frequency remains constant. The alpha's technical construction guarantees a long and reliable operating life in many application areas. A smooth sinusoidal stroke action for suction and discharge strokes provides the basis for good suction capacity and constant precision dosing along with minimal mechanical stress to the dosing diaphragm. This is the "heart" of the liquid end. The effectiveness of the DEVELOPAN® dosing diaphragm has been proven around the world in more than a million ProMinent® dosing pumps. Installed in the alpha it ensures long lasting problem-free operation.

50 Hz version	Max. pump capacity at maximum back pressure		Max. pump capacity at medium back pressure		Stroke frequency at max. back pressure	Connector-size outer x inner dia.	Suction lift	Shipping-weight
Pump type alpha	bar	l/h	bar	l/h	Strokes/min.	mm	water column m	kg
1001	10.0	1.2	5	1.3	30	8 x 5	6	3
1002	10.0	2.4	5	2.6	58	8 x 5	6	3
1003	10.0	3.5	5	3.8	88	8 x 5	6	3
0804	7.5	4.0	4	4.4	30	8 x 5	6	3
0808	7.5	8.0	4	8.5	58	8 x 5	6	3
0612	5.5	12.0	3	12.7	88	8 x 5	6	3
0419	4.0	18.5	2	19.8	128	8 x 5	6	3

DEVELOPAN® dosing diaphragm with PTFE coating is the registered trademark of ProMinent.

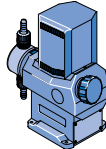
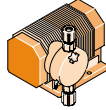
Viton® is the registered trademark of DuPont Dow Elastomers.

Delivery range: dosing pump with mains lead (2 m) and plug. Connector set for hose/pipe connection as shown in table.

SERIAL SUCCESS: PROMINENT® MOTOR DRIVEN DIAPHRAGM DOSING PUMPS

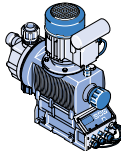
ProMinent® alpha

Capacity range:
up to 10 bar,
up to 21 l/h



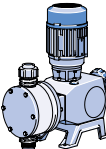
ProMinent® Vario

Capacity range:
up to 12 bar,
up to 144 l/h



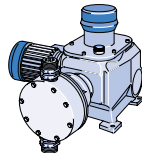
ProMinent® Sigma HM

Capacity range:
up to 12 bar,
up to 420 l/h



ProMinent® Meta HM

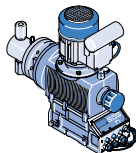
Capacity range:
up to 12 bar,
up to 790 l/h



ProMinent® Makro TZ HM/HMH

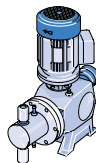
Capacity range:
up to 16 bar,
up to 2500 l/h

PROMINENT® MOTOR DRIVEN DOSING PUMPS



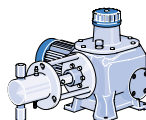
ProMinent® Sigma HK

Capacity range:
up to 320 bar,
up to 76 l/h



ProMinent® Meta HK

Capacity range:
up to 240 bar,
up to 60 l/h



ProMinent® Makro TZ HK

Capacity range:
up to 320 bar,
up to 1141 l/h



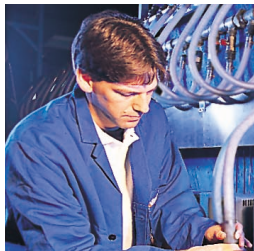
the DEVELOPAN® dosing
diaphragm has been
proven around the world
in more than a million
ProMinent® dosing
pumps. Installed in the
alpha it ensures long
lasting problem-free
operation.

Pump type alpha	Motor data
Type	Split pole motor with integrated thermal overload protection
Power supply	220-240 V, 50/60 Hz (variant A)
Capacity	50 W (at 230 V/50 Hz)
Power consumption	0.4 A (at 230 V/50 Hz)

ProMinent

ALPHA EXTRAS: FULL RANGE OF ACCESSORIES AND WORLDWIDE SERVICE.

ProMinent service
ensures the reliable
operation of your
equipment



The broad palette of
accessories and
capacities that make up

easy task. Our experience
in this area is a valuable
extra from ProMinent and
is always available to you.
Whether for simple
dosing tasks or a
complex system, we are
always glad to advise you
on the best solution to

times" a thing of the past.
Your operations can
continue unimpaired.
You see: you can count on
ProMinent, our service and
the alpha pump range. All
round reliable performance;
practical and simple to use,
the latest dosing tech-

COMPLETE

the alpha range make
creating optimal tailor-
made solutions for your
applications a quick and

your dosing requirements.
And so that everything
runs smoothly: ProMinent
service is always available
on every continent - our
product range, servicing
teams and rapid parts
replacement make "down



All in hand:
the complete
accessories range for
individual applications

nology, excellent cost-of-
ownership ratio - alpha
from ProMinent is the
right choice when you're
looking for reliable
solutions to simple dosing
tasks.



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ProMinent®