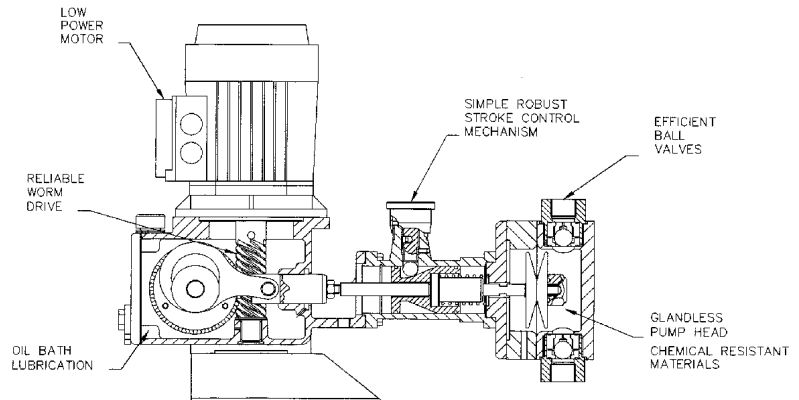


## Variflow Diaphragm Pump MK 3

Data sheet 122 GP 02



Nett weight -31 kg

Size - 500 x 230 x 434 mm

The Variflow Diaphragm pump is a variable output pump with high efficiency ball valves. High grade engineering plastics for wetted parts enable a wide range of aggressive liquids to be handled and the absence of any gland offers zero leakage. Drive from vertical flange mounted motor is through a worm and wheel to the eccentric which operates a push rod. This rod actuates a spring return diaphragm rod. The stroke is set by a manual adjusting micrometer screw giving calibrated adjustment of length by percentage increments.

### Specifications

- **Size:** - Pumps are manufactured with 1/2" and 1" stroke with diaphragms from 2.3/4" diameter. Outputs of up to 360 L/Hr are achieved employing motors from 0.18 to 0.55 kW with pressures up to 10 Bar depending on flowrate.
- **Speed:** - Standard electric or air motors of 1500 rpm are employed giving a pump speed of 60 strokes per minute. Alternative motors and speeds for non-standard electrical supplies can be supplied if required.
- **Materials of Construction:** - The gearbox is of high grade cast iron. Standard construction of the pump head, uPVC with PTFE diaphragm and valve balls of glass or stainless steel. Other materials are available to special order. Standard units are suitable with liquids up to 60°C
- **Typical Applications** - The Variflow is the ideal pump for chemical injection, water treatment dosing, sampling etc., in fact any application where economical positive feed of liquids is required.

Our policy is to continually develop and improve our products and we therefore reserve the right to modify pumps shown in this brochure without notice.