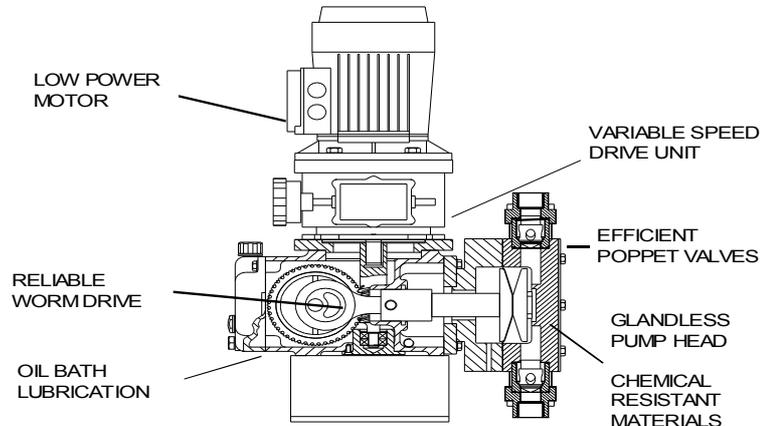


'S' Type Variflow Diaphragm Pump

Data sheet 141 GP 02



Nett weight - 54 kg

Size - 625H x 260W x 429L mm

The S-Type Variflow Diaphragm pump is a variable output pump with high efficiency poppet 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 via a variable speed drive unit is through a worm and worm wheel to the eccentric operating the diaphragm via push rod.

Specifications

- **Size:** - Pumps are manufactured with 25mm stroke with a diaphragm of 115mm diameter. Outputs of up to 1200 L/Hr are achieved employing a 1.1 kW motor with pressures up to 5 Bar depending on flowrate.
- **Speed:** - Standard electric or air motors of 1500 rpm are employed giving a pump speed of 100 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 or stainless steel with PTFE diaphragm and poppet valves of uPVC or stainless steel. Other materials are available to special order. Standard uPVC units are suitable with liquids up to 60°C
- **Maintenance** - All gearbox parts are enclosed in an oil bath only requiring a periodical check of oil level. The stroke adjusting mechanism is pre-filled with grease and requires no maintenance. The pump head is not harmed if run dry.
- **Typical Applications** - The S-Type Variflow Diaphragm 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