

# Dosing pump series - GB

- Maximum Flow rate: 1175 l/h • Maximum Pressure: 10 kg/cm<sup>2</sup>g • Mechanically actuated diaphragm
- Variable eccentric drive mechanism



## Technical characteristics

### Standard:

- Flow rate up to: 1175 l/h
- Pressure up to: 10 kg/cm<sup>2</sup>g
- High-efficiency, PTFE diaphragm
- Mechanically actuated diaphragm
- Stroke adjustment by variable eccentric minimizing pulsation and shock
- Simplex version
- Maximum temperature of pumped liquid: 50 °C
- Adjustment of flow rate while running: from 0 to 100%
- Accuracy: ± 2% of rated flow from 10% to 100% stroke
- Suction lift: up to 2.5 m water
- Turn down ratio 10:1
- Lubrication by oil bath
- Glass / Teflon Balls shall be offered based on the process fluid.

### Options:

- Variable speed drive, Electronic capacity control/Automatic capacity control



## Characteristics of motors

### Standard Motor Data:

- Power Supply: 380V – 50 Hz – 3 phase, IE2
- Degree of protection: IP 55
- Insulation: class F
- Motor Speed: 1440 rpm
- Enclosure: TEFC

### Options:

- Flame/Explosion proof motors

## Accessories

To meet your installation needs a large range of accessories are available on request (Pulsation dampeners, safety and back pressure valves), consult us.

## Liquid end construction

Components	Materials			
	PP	PVC	SS-316	PVDF
Liquid end body	PP	PVC	SS-316	PVDF
Valve body	PVC	PVC	SS-316	PVDF
Seats	PVC	PVC	SS-316	PVDF
Balls	TEFLON	TEFLON	SS-316	TEFLON
Connections	PVC	PVC	SS-316	PVDF
Diaphragm	PTFE	PTFE	PTFE	PTFE