



Bowen Fluid Engineering Single Dosing Pump Unit

The dosing unit comprises of a single variable output diaphragm Pump and electric motor, with supply and output connections of 1" BSP which can be adapted to suit any other connection type required. Our preferred pump is a MAXROY safe area 180 series, it is a rugged, industrial grade of metering pump designed for applications up to 290 gph (1,100 L/h) at pressures up to 406 psi (28 bar). Its cast iron housing with chemical resistant coating enables the pump to be used in the harshest environments. The hydraulically balanced diaphragm provides reliable chemical delivery with easily maintained components. The internal adjustment pressure relief valve protects the pump from over pressure conditions. The easily adjustable dosing capacity allows flexible control while a wide variety of available wetted material seals assures fluid compatibility.

Technical Specification:

Up to 1,110 L/h & 28 Bar.

Accuracy +/- 1 %.

ATEX Conformity & API 675 Compliant.

Operating Temp -40°C to +50°C.

Liquid Temp Up to + 90°C.

Service Life in excess of 20 years

Hydraulically Actuated Diaphragm for excellent accuracy and controllability.

