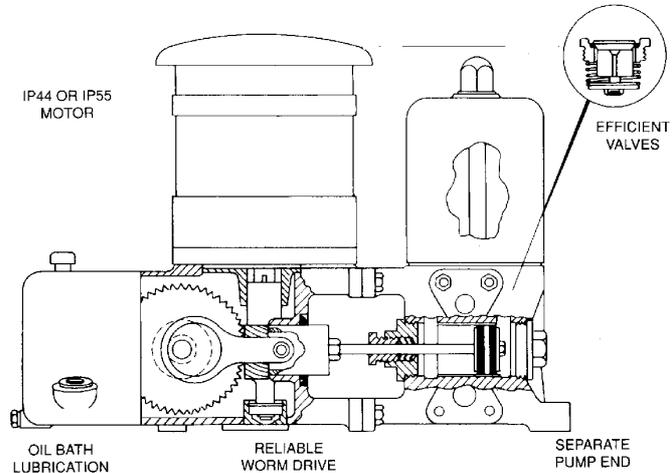


## M-Type Double Acting Piston Pump

Data sheet 100 GP 02



Weight (Typical) 50kg    Size (Typical) 450 x 200 x 400mm

The M-Type is a double acting simplex pump with drive through worm gears by electric motor. Standard pumps are manufactured with 1", 1.1/8" and 1.1/2" stroke and bore sizes from 1.1/4" to 2.1/8". By suitable combination of bore, stroke and gear ratio, outputs to suit a wide range of requirements from 295 to 2318 L/Hr can be supplied at pressures up to 20 Bar depending on type and size.

### Specifications

- x **Speed and Motors:** - Standard electric motors from 0.37kW to 1.5kW at 1500 rpm are employed giving pump speeds from 40 to 240 strokes per minute depending on gear ratio. Alternative motors and speeds for non-standard electrical supplies can be supplied if required.
- x **Materials of Construction:** - The gearbox case is of high grade cast iron. Internal parts are made in stainless steel, gun-metal, aluminium, bronze, brass, etc to suit application. Valves are poppet type with Nitrile seal. Standard gland seals and bucket cups are Nitrile.
- x **Maintenance and Lubrication** - All parts requiring lubrication are enclosed in the gearbox oil bath. A periodical check of oil level is all the maintenance required. Valves can be removed for servicing, gland packings and bucket cups can be quickly replaced at nominal cost.
- x **Typical Applications** - The **M TYPE** pump is suitable for boiler feed, condensate return, pressure systems, fuel oil and marine bilge and waste heat boiler feed applications.

Our policy is to continually develop and improve our products and we therefore reserve the right to modify pumps shown in of this