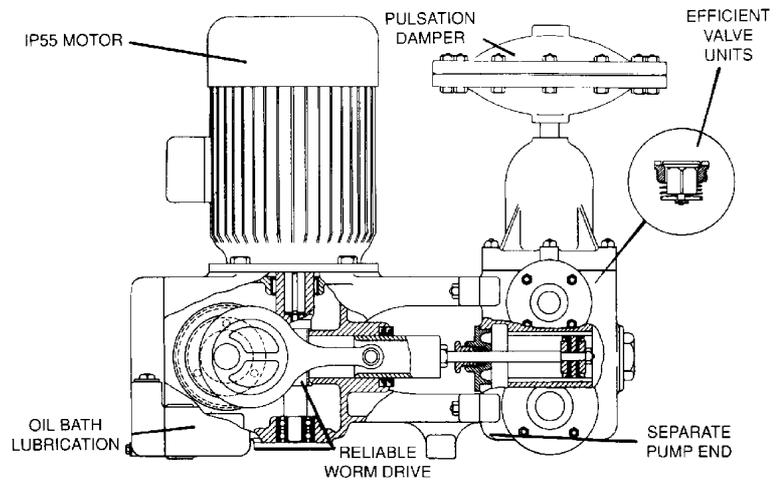
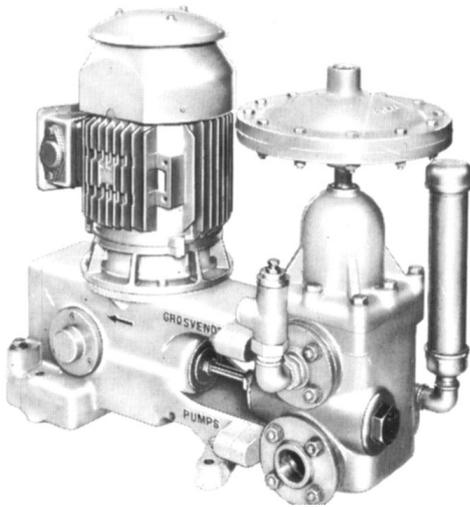


## I Type Double Acting Piston Pump

Data sheet 105 GP 02



Weight (Typical) 150kg Size (Typical) 700 x 300 x 635mm

The **I Type** is a double acting simplex pump with drive through worm gears by electric motor. Standard pumps are manufactured with 2.1/2" stroke and bore sizes from 1.7/16" to 2.1/2". By suitable combination of bores, outputs to suit a wide range of requirements from 1250 to 4320 L/Hr can be supplied at pressures up to 20 Bar depending on type and size. A pulsation damper is fitted to all sizes as standard.

### Specifications

- x **Speed and Motors:** - Standard electric motors from 0.75kW to 4kW at 1500 rpm are employed giving pump speeds from 112 to 185 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 standard production range of pumps have bodies of high grade cast iron. Gun-metal is available to order if required. Internal components are made from Stainless steel, gun-metal, brass, etc., to suit application. As the pump body is separate from the gearbox, special materials do not add greatly to cost. Standard gland seals and bucket cups are Nitrile.
- x **Economy:** - Due to worm gear reduction, low horse powers are required, meaning low initial cost due to smaller motors and starters and low running costs.
- x **Pipe Connection** - Pumps have flanged connections to BS 4504. Suction 1.1/2" BSP, Delivery 1.1/4" BSP. Pipe positions can be handed to suit customers requirements. Mating flanges are supplied with all pumps.
- x **Typical Applications** - The **I TYPE** pump is suitable for boiler feed, condensate return, pressure systems, fuel oil and marine bilge and waste heat boiler feeding applications.

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