



Centralized Lubrication Systems Progressive Systems

ELECTRIC PUMPS GREASE (ILC-MAX-G) OR OIL (ILC-MAX-O)

Applications:

Ideally suitable for the automatic grease lubrication of all types of industrial machines and as a chassis lubrication pump for trucks, trailers, buses, construction and mechanical handling vehicles. In conjunction with ILC DPA, DPM or DPX progressive dividers, more than three hundred greasing points can be automatically centralized from just a single grease pump.

Operation:

The pumps are designed for intermittent or continuous operation to provide regular pre-programmed lubrication cycles as required for the various applications. A direct-mounted electric geared motor drives an internal rotating cam, which can actuate up to three externally mounted pump elements.

Every pumping element has a relief valve to protect the system against over-pressure. To have a bigger discharge it is possible to collect the three outlets from the pumping elements together in a single tube.

The transparent reservoir has 2 KG, 4 KG or 8 KG capacity and metallic reservoir has 5 KG. The pumps can attain a maximum recommended operating pressure of 250 bar per outlet and will deliver up to 2.88 cc/minute per outlet. The internal drive shaft is coupled to a specially formed stirring paddle in the reservoir of the pump unit which ensures continuous priming of the pump element inlets, even with grease up to NLGI No. 2 consistency at ambient temperature down to -20 °C

The gear motor is protected by means of an IP-56 protection degree covering (NYLON PA6 +30% FIBERGLASS). The seal is guaranteed from well-mounted "o"-ring. The pumps can have an integrated electronic control timer built into the covering. The timer can be pre-programmed to automatically operate the pump with variable "working time" and "pause times".

