

Product description
**Manual pump
L6P**

DESCRIPTION

The L6P is a manually operated piston pump used widely in equipment that requires periodic lubrication such as machine tools, textile machinery and packaging equipment. It is designed to be used with volumetric injectors (PDI). Oil is pumped into the main line firing the volumetric injectors. On stroke completion the main line depressurises which enables the injectors to reset.

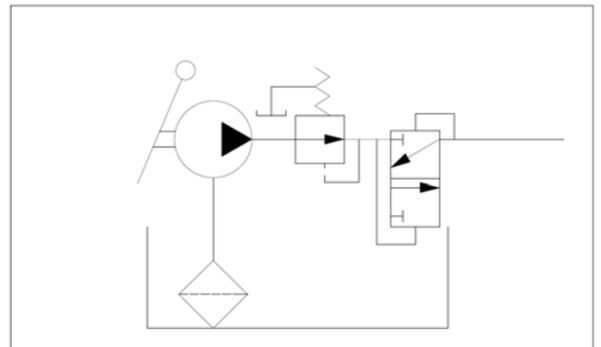


OPERATION

In the rest mode the lever arm should be raised to the top position. This enables the integrated dump valve to relieve system pressure.

By manually pumping, using the lever, the pressure will build up in the system. When system pressure is reached, a relief valve prevents over-pressure of the system. The number of cycles to build pressure, will be dependant on how long the main line is. On completion, the lever arm should be pushed fully up into top position to relieve main line pressure once more.

Principle layout



TECHNICAL DATA

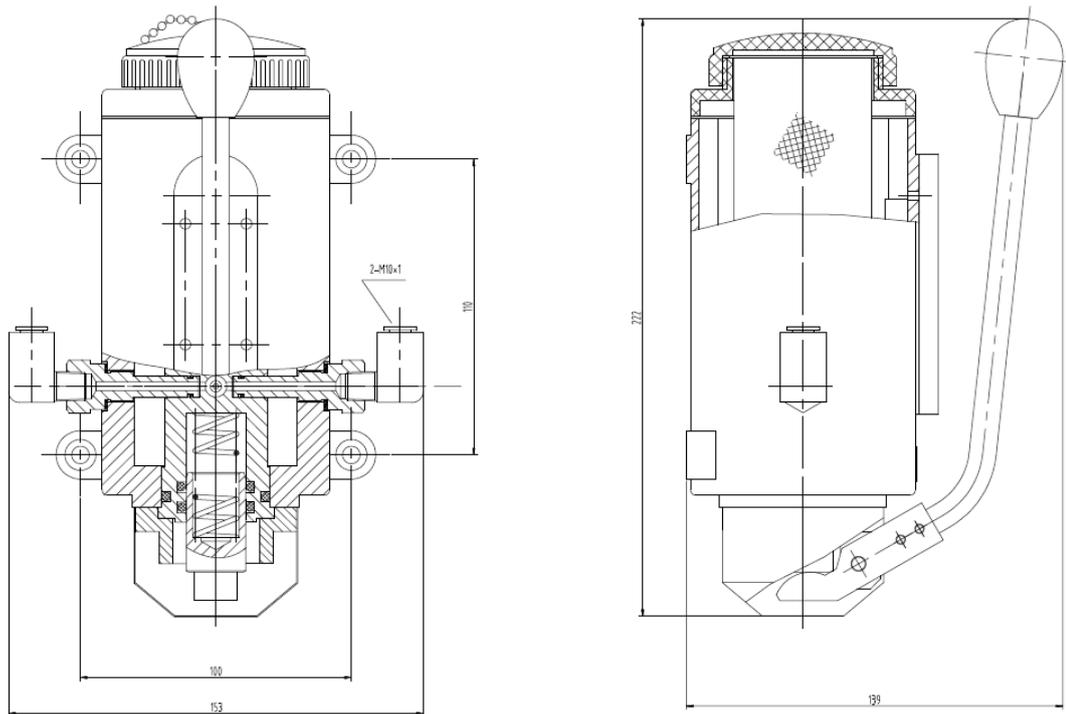
Delivery:	6cm ³ /stroke
Oil Pressure:	20 bar max.
Reservoir:	capacity 0.6 litre
Operating Temperature:	80°C max.
Recommended Lubricants:	mineral oils, viscosity from 30 to 3000 cst at operating temperature
Outlet Port:	M 10x1 Female Ports (x2)



TO ORDER

Part No: **L6P**

TECHNICAL LAYOUT



SERVICE INSTRUCTION

OIL

The oil used should be a good quality, clean mineral oil with viscosities as set down by the manufacturer. The oil should be capable of passing through a 40 micron filter without separation

MAINTENANCE

Regularly monitor the level of oil and fill the tank when necessary. Check periodically the tubing, ensuring that it is neither broken nor crushed and is in good condition and that all connections are secure. An inlet filter protects the oil from impurities but it must be regularly checked and replaced once a year.

IMPORTANT NOTE

Before putting into service and after any maintenance to the system, the circuit must be fully primed.



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