

INSTALLATION INSTRUCTIONS

Operation and Maintenance

Ensure trouble-free CO2 supply.

The gear box is lubricated with grease. Do not fill with oil.

Maximum admissible pressure for the drip return is 60 bar.

Leave at least 12.6" (320 mm) of space in front of the valve casing or behind the Pump for service work.

Safety Rules

The operating instructions must be read and adhered to before performing any work on the pump or complete assembled unit. No responsibility will be carried by us for damage to materials or persons caused by improper handling of our pumps.

A safety valve is to be installed so that the admissible operating pressure cannot be exceeded by more than 10%.

The pump has a protective device which prevents a sudden outflow of the medium due to mechanical component failure. A greater degree of security is attained by fitting a safety shut-off valve on the suction side to avoid such outflow.

Pump operation without a safety valve as well as any excess in temperature or speed limits automatically voids the warranty.

When the pump is in operation, the shaft end must be covered by shaft guard (21) and the driven shaft side and coupling by a protective cover.

Fit shaft guard (21) using shaft guard holder (21A) and screws (17).

Pressure in the discharge line and in the pump must be at zero before any maintenance work to the pump and unit takes place. Close off the suction line.

Take necessary precautions to ensure that the driving motor cannot get switched on accidentally (by disconnecting the fuses, for example).

Make sure that the pump and all parts on the pressure side of the unit are vented and refilled, with pressure at zero, before starting the pump.

The absorption and pumping of air or CO2 in gas form as well as cavitation must be avoided.

Cavitation and/or compression of gases lead to uncontrollable pressure-kicks which can ruin the pump and pump unit parts and also be dangerous for the operator or anyone standing nearby.

CLP124 Lubrication Information/ Torque Specification/Tool List			
Item #	Part #	Description	Torque
24C	CP04810	Connecting Rod Assembly	141 in.-lbs. (16 Nm)
29	CP04820	Plunger Kit	29.5 ft.-lbs. (40 Nm)
46L	CP04823	Valveset	47.2 ft.-lbs. (64 Nm)
49A	CP13430	Hexagon Nut with Rim	59 ft.-lbs. (80 Nm)