

General hints

A. Safety

Tested by TÜV Product Service GmbH.

Please do not alter any parts of the equipment or the construction itself since this may affect the safety standards and your guarantee.

We reserve the right to make technical alterations! For further information please call your local agent.

B. Decommissioning

Please note the following when taking the equipment out of operation:

1. long term decommissioning, e.g. in winter (danger of freeze):

All parts of the pump in contact with water must be emptied. Operating the pump without water causes excessive wear of its parts. In order to prevent this, the entire pump should be disassembled or at least the swipe be removed to make the pump non-functional.

2. short term decommissioning:

Unscrew pump swipe or fix it with a chain. Under no circumstance only shut the connection to the water mains. If the pump is operated without water connection, the vacuum in the cylinder can cause the swipe to recoil (danger of injury).

When re-commissioning please note no. 6 on page 4.

C. water supply (on site)

1. pointed pipe with lateral inflow holes

- has to be driven directly into the ground
- pressure line is not necessary
- if water amount and quality are satisfactory (please let check in advance), water can be taken directly from the ground
- maximum suction height 6.00 m, but we recommend 2.50 m to ensure easy movement

2. cistern, pond

We recommend to use a **stainer (order no. 0.97805)**

Playground pump

Order no. 5.17500



Data for shipment:

Number of parts: 1

1 Pump completely mounted

Total weight: approx. 57 kg

Pump: approx. 42 kg

Attention

Essential materials for assembly like hose connection, well and stopcock depend on local given factors. They are not part of standard supply volume.

Technical specifications:

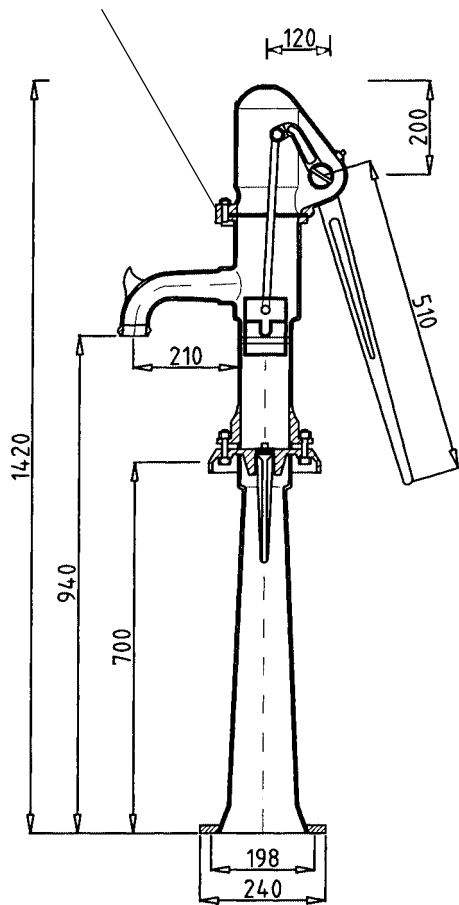
- closed piston suction pump, all parts made from hot-dip galvanised grey cast iron
- pump capacity: bore 75 mm, pump lift 170 mm, approx. 0,75 litres/lift
- attachment: thread (inflow and outflow of water) 1 1/4"
- water demand: min. 45 liters per minute (min. 2,5 bar water pessure, max. 6 bar)

Recommended assembly tools:

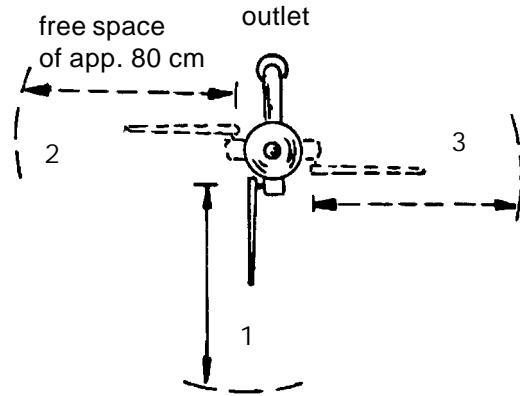
- set of plumber's tools
- set of ratchets
- allen key 12 mm
- set of spanners
- rubber mallet
- Torx inserts T 20, 25, 30, 40, 50
- power drill

possible positions of the pump:

The pump's top can be turned in the designated position by loosening the 3 hook bolts.



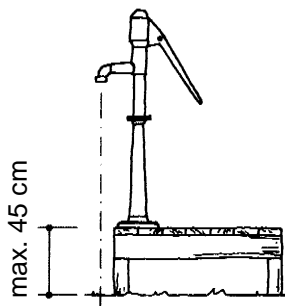
1 - 3 are the possible positions for the pump



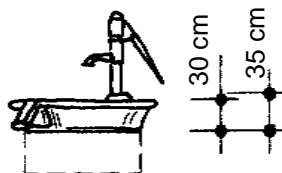
drawings without scale
all dimensions in cm

possible assembly situations for the pump

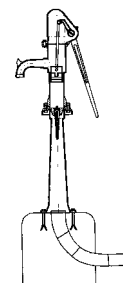
A on Pump Pedestal
Order no. 5.19000



B on Water Play Elements of Concrete
Order nos. 5.22000,
5.22100, 5.24200
5.24400



C on concrete foot
50 x 50, 50 cm deep
with natural stone or
the like

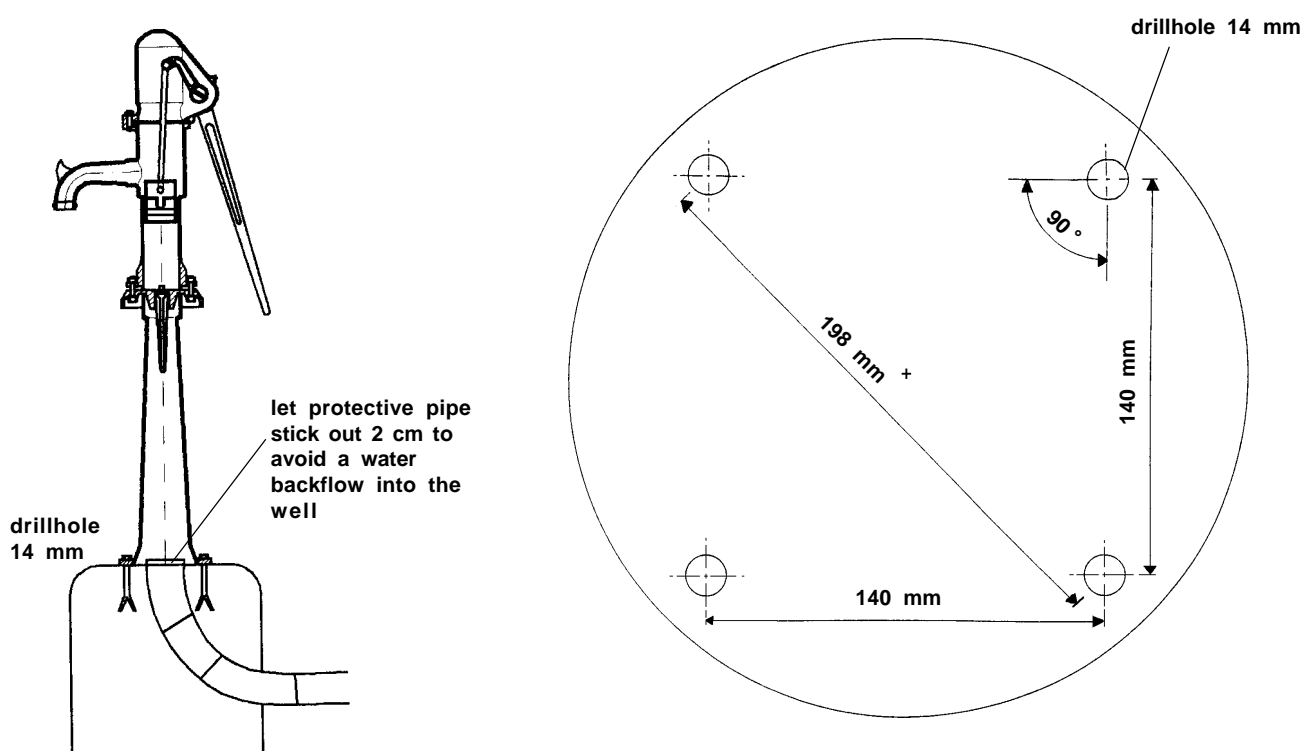


For **A + B** there are pre-drilled holes for the anchorage of the pillar.

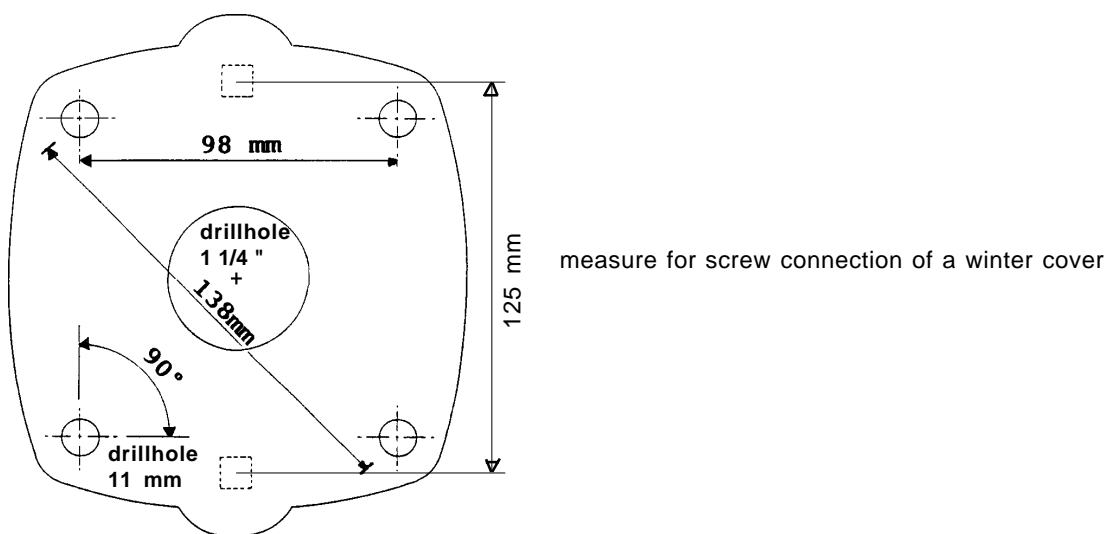
C has to be prepared on site.

For C the following measures are necessary:

bolt circle of pillar



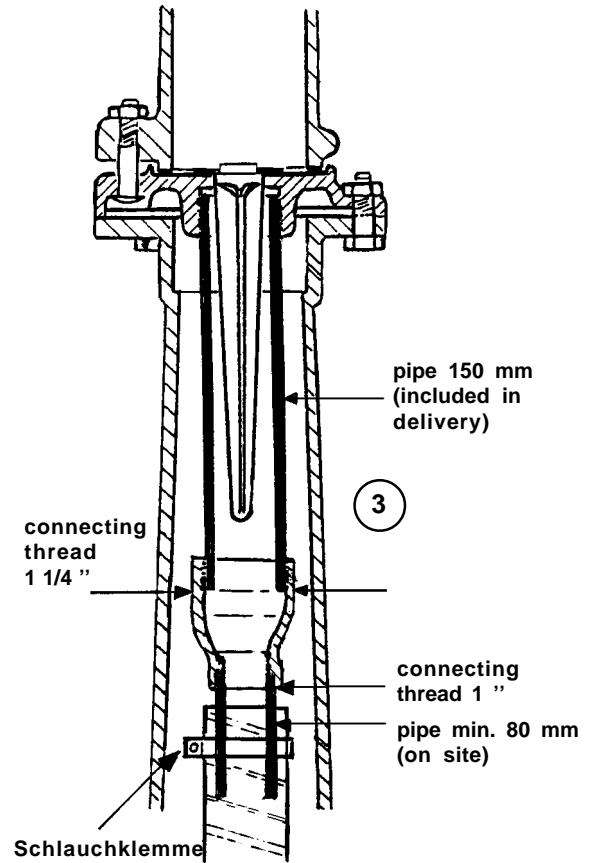
bolt circle of pump



Sequence of assembly operations:

Montagereihenfolge

1. Depending on assembly situation build up Pump Pedestal or Water Play Element of concrete respectively make concrete foot (on site).
2. Fasten the Pump's pillar. (Fix pillar with machine bolts on Pedestal, use wall plugs for fastening on concrete.)
3. Screw supplied pipe (150 mm long) onto the Pump's top to cover the plunging valve. Attach spiral hose pipe with a pipe clip (e.g. Heliflex 38 x 3 mm). Shove spiral hose pipe through the cistern lid and shorten if necessary (to about 20 cm over cistern's floor). The connecting thread can be reduced from 1 1/4 " to 1 " with a reducing socket. If so, attach a 80 mm long pipe (on site) and connect spiral hose pipe with a pipe clip.
4. Screw Pump's top on the pillar, thereby put the cramps in direction to the slots.



5. **Important! Carefully flush the main pipe to clean from dirt particles.**
6. Open water supply and pump till water flows in. If necessary, fill water into the pump by hand. There are two possibilities to do so: First, open hexagon bolt, remove it and insert water hose (see sketch). Or second, insert water hose through the pump outlet. Thereby attend to hygienic conditions. While filling the pump, keep pump swiipe in horizontal position. Fill up till the pump works smoothly.
Repeat this procedure at any time when re-commissioning the pump even after a short period of decommission.

