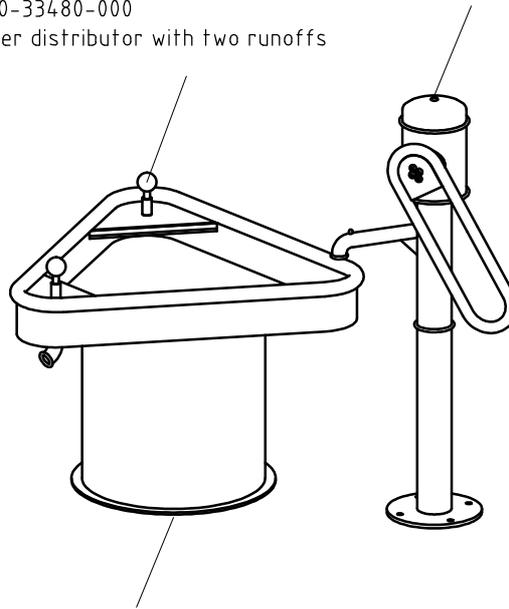


Item No. 0-33132-001  
K&K Water pump with flange pipe

Item No. 0-33480-000  
K&K Water distributor with two runoffs

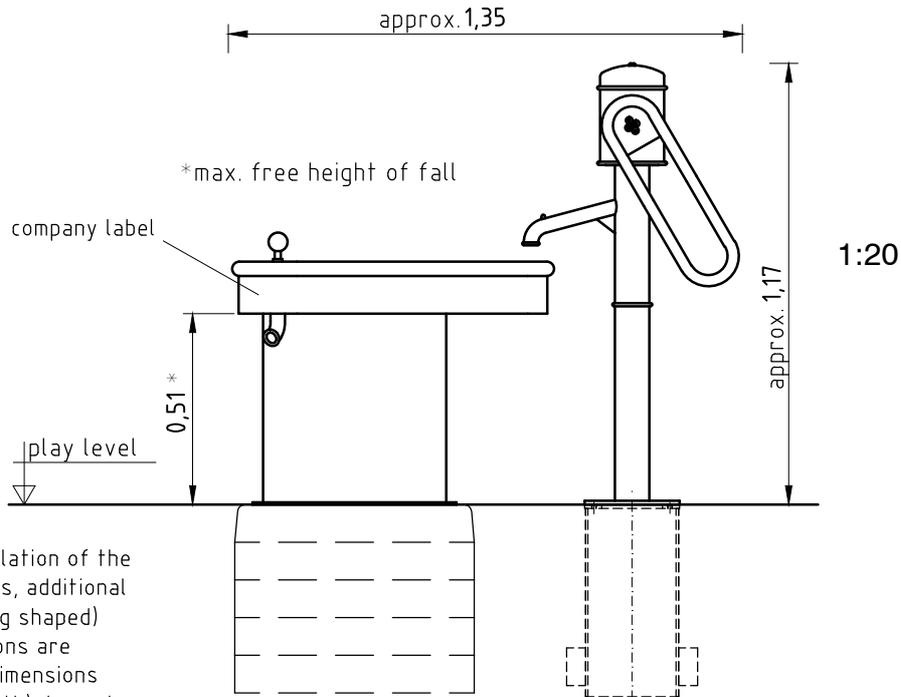


For an anchorage of the water distributor into a concrete surface, the flange ring is provided with four fastening holes ( $\varnothing 13$  mm). Otherwise, at extra charge, however, suitable ring-shaped foundations (K&K item no. 15166) and additional moulded bricks (K&K item no. 15167) can be obtained in order to compensate different height levels or to facilitate a safe and static installation into loose surfacing material for fall protection (e.g. sand or gravel).

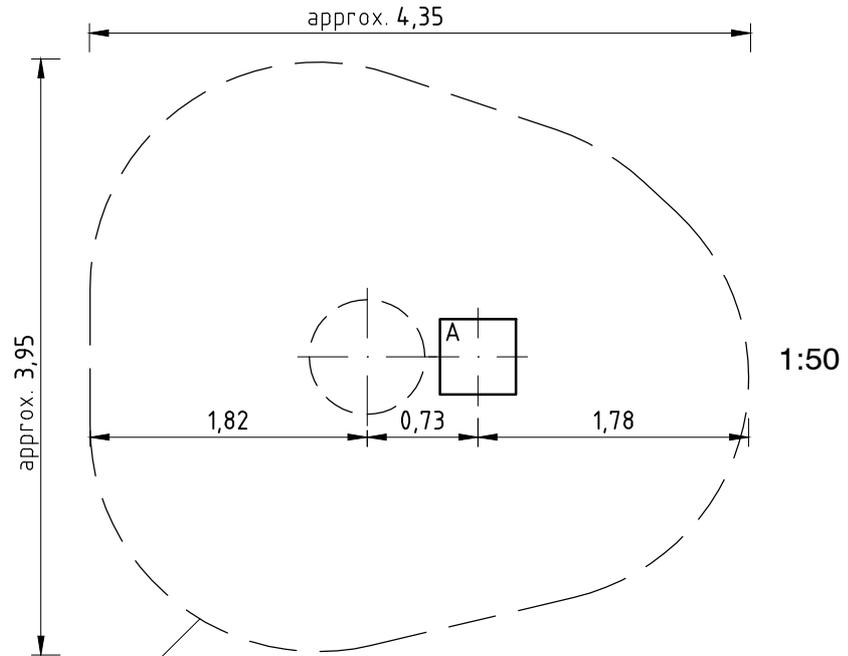
For water pump installation and operation see separate installation instructions 0-33132-001

1. Assign a location for the equipment considering the (minimum) space requirements/impact area.
2. Excavate soil for foundation type A (water pump flange pipe), according to drawing.  
Please note: To achieve maximum stability and a safe installation, a moderate level of soil solubility is required.
3. Place the two water play elements at the position planned (see drawing).
- 4. For installation of the pre-assembled components and/or single parts, the screws slightly have to be lubricated with installation paste!  
Tighten all screws after having aligned all components.**  
Fastening material for the water pump components is included with delivery.
5. Grout foundation with compressed concrete C20/25, chamfer and round off the edges, cover the foundation with appropriate surfacing material.
6. Release for play after concrete foundations have set.
7. Check all screw connections according to maintenance instructions after 4-5 weeks and retighten, if necessary.

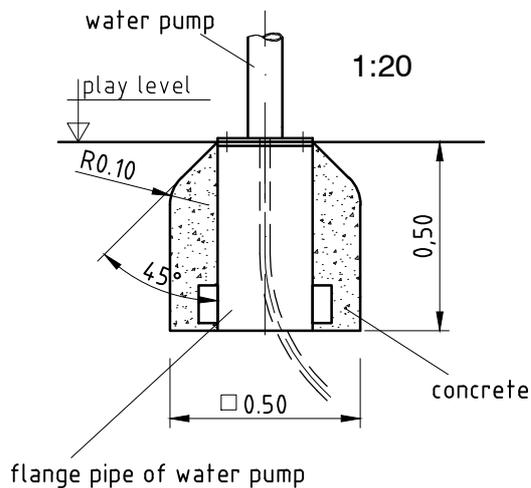
Please take care that all special tools (e.g. Allen key for secured Allen screws etc.) and all specific documents which are or may be useful for safety management acc. to EN 1176-7 (e.g. invoice, delivery note, order acknowledgement, installation instructions, maintenance instructions) are forwarded to the responsible persons.



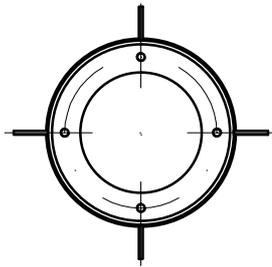
For a stable installation of the waterplay elements, additional (e.g. circular or ring shaped) concrete foundations are necessary. Their dimensions (especially the depth) depend on the soil conditions on site. The waterplay elements can be connected to the foundations either by using concrete dowels or by the stone bolts provided.



minimum space/impact area  
Its dimensions only apply to the arrangement of the water play elements represented. With a modified arrangement (e.g. by dislocating or adding further elements), the impact area must be readapted.

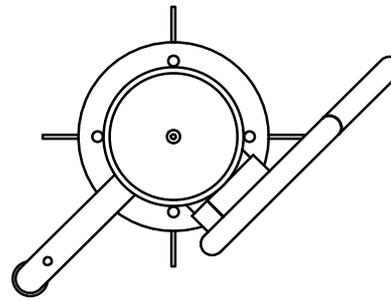


top view of flange pipe



(exemplary)

top view of assembled water pump



The water pump flange pipe facilitates four different orientations for the water pump assembly. The fastening holes for the pump are respectively in line with a pair of lateral anchors. As a result, the water runoff is situated midway between two anchors.