

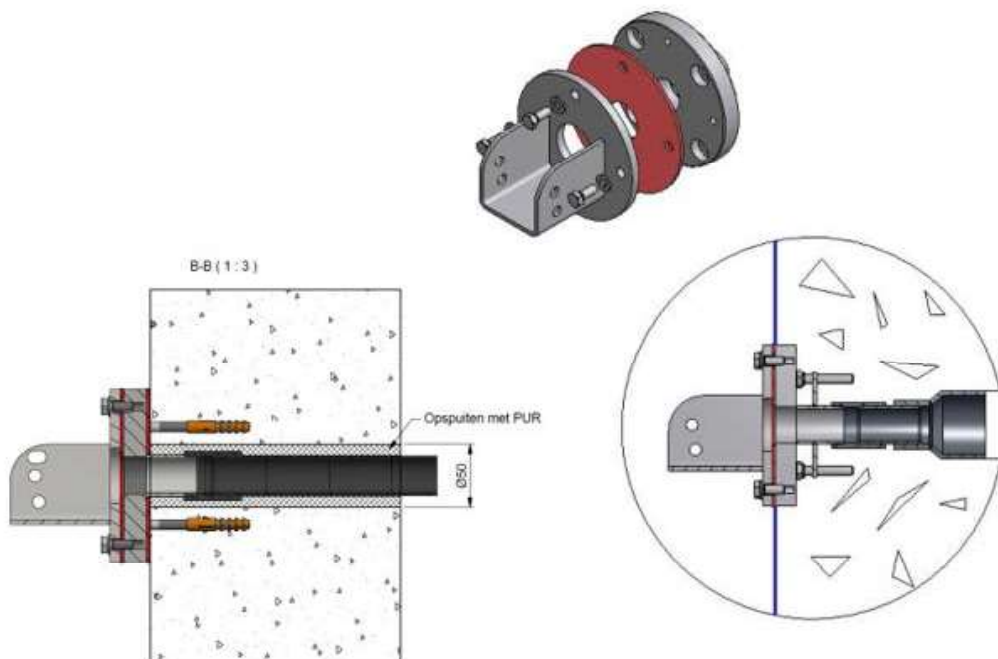
C5-1 – Mounting of mechanism: Underwater mount: SCUBA-drive® with cable duct with wall in concrete or brickwork

General:

- The SCUBA-drive® tubular motor is being delivered with a 10m long motor cable, connected to the motor.
- Bring the motor cable outside the swimming pool, through conduit to a connection box.
- This connection box must be accessible at all times, so the motor can be demounted during maintenance.
- It is extremely important to use the supplied polyester resin in the connection box in order to avoid water damage to motor and/or control box. In case the supplied resin is not used; warranty will be void.
- T&A strongly recommends to use the cable extension set : AT-002738

1. Installation of the flanges

- Bolt the flange on the built-in flange, which has already been placed during the preparations, at the motor side. Don't forget the flat sealing!
- See chapter “*A7 – Constructional preparations: Cable duct for SCUBA-drive®*”



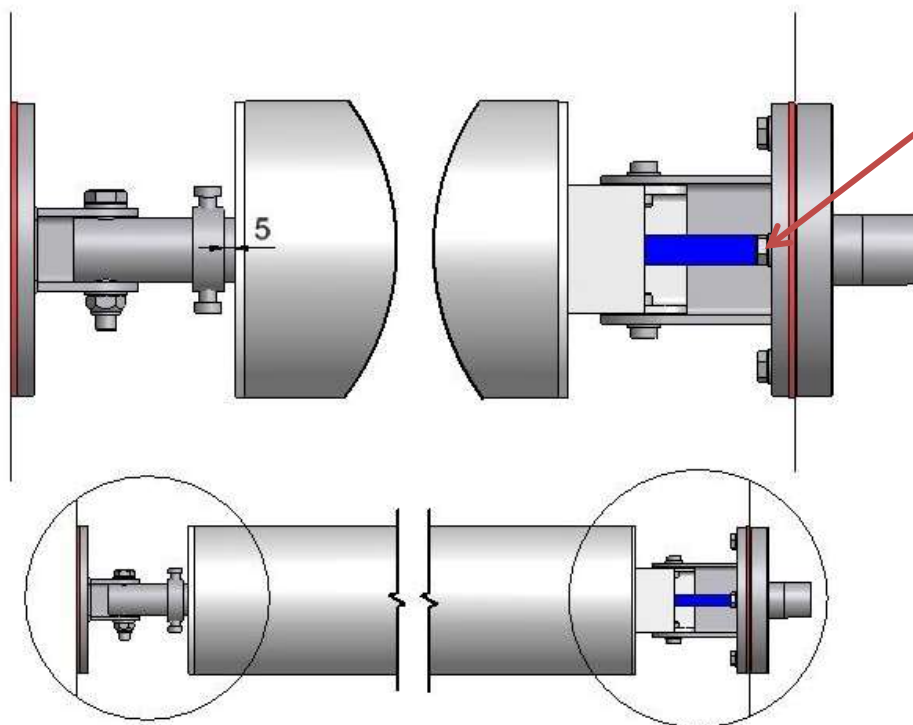
Drill a 50mm hole. After placing the passage, spray with PUR to prevent damage to the PVC tube.

2. Installation of the roller shaft



**Before installing the shaft, remove the gray cable guard.
Make sure that the cable is not damaged by the stainless steel during this operation.**

- Push the roller shaft on to the shaft end at the flange. Do not tighten the setting ring with the screws too much at this moment. Always apply enough Vaseline to improve the bearing.
- Put the motor in the motor flange and anchor it. Make sure the motor cable does not get damaged during conducting through.
- Fasten the setting ring with the screws on the flange, but leave a space of 5mm between the roller shaft and the setting ring. In this way the shaft will not get jammed in case of expansion.



Alternatively; a cable gland can be used at this position, as such there is no water in the conduit.
Art. no. AT-002883

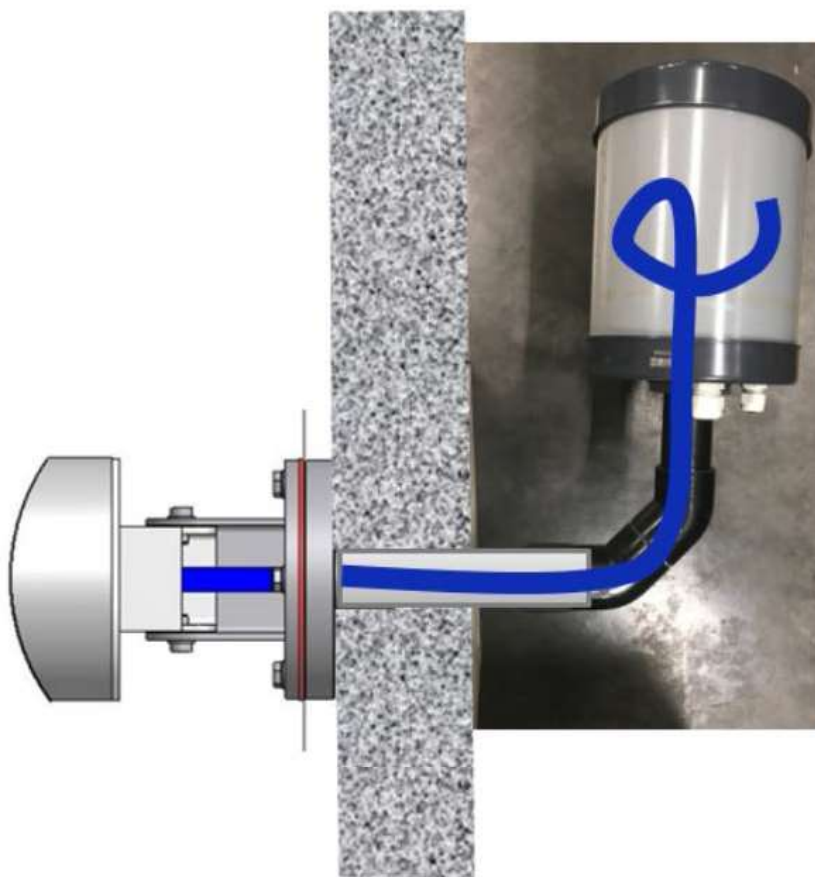
There are 2 ways to stop the water:

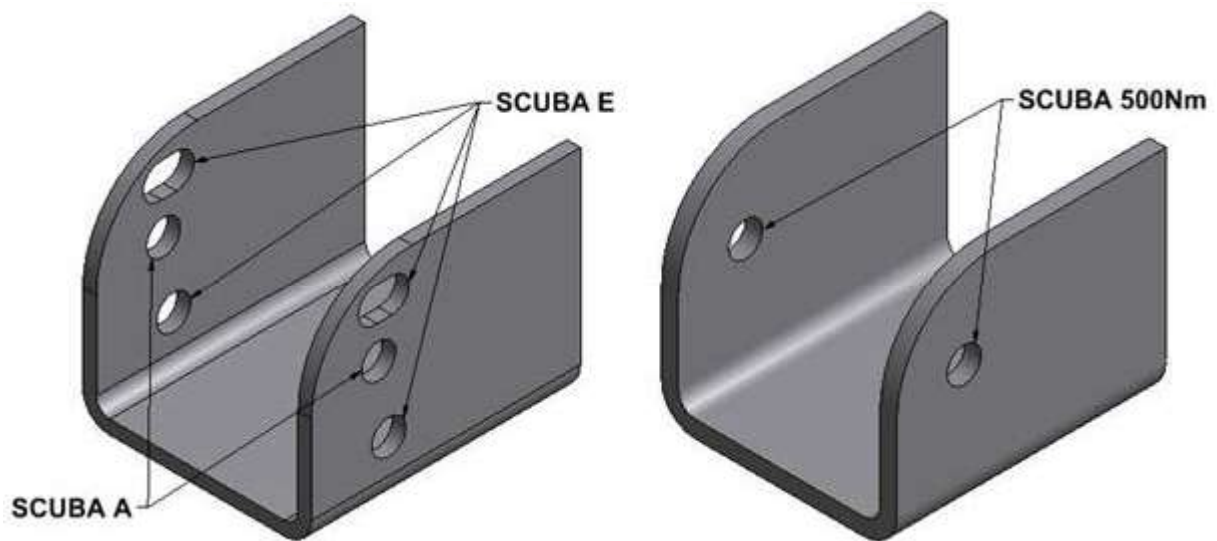


Pit for cable connection
AT-002738 **(PREFERRED)**



Cable gland screwed into the flange AT-002883





Option: With a liner, there is a risk the liner get damaged in case the cover gets stuck. To protect the liner we propose to install a protection on the wallduct. The protection will be fixated with silicone.

Article AT-002763:

