



Installation

1. Marking the Mounting Face:

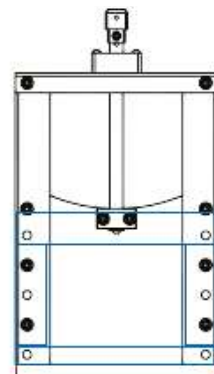
1. With suitable lifting equipment, lift the Penstock into position ensuring it is vertical and level and the invert of the pipe is flush with the invert of the Penstock opening.
2. Mark all the mounting holes.
3. PSCO300 has additional mounting holes around the Penstock opening. These are accessed by fully opening or closing the Penstock. Shorter length (100 or 120mm) fixings are used specifically for these holes.
4. Remove the Penstock.
5. Using a 10mm drill bit, drill the mounting holes to a minimum depth of 95mm.
6. Clean the drilled holes, removing any dust or debris. (Warning: Suitable eye protection to be worn).

3. Final Steps:

1. Re-position the Penstock over the pre-drilled holes.
2. Push the Nylon fixing through the Penstock and into the wall ensuring the shoulder of the Nylon fixing finishes flush with the surface of the side steel.
3. Insert the screws and evenly tighten all fixings to 8Nm using a torque wrench and 13mm socket.

2. Placing the Rubber Sealing Tape:

1. Ensure that the Penstock wall plate is clean and smooth.
2. The sealing tape has adhesive on one side with a protective layer over it. Cut the tape 20mm larger than necessary, then remove the protective layer and fit it onto the frame. (See image below for required tape positioning).
3. The tape should now be cut to length and squared so that the corners connect properly.
4. Drill holes through the tape by using the mounting holes in the Penstock as a guide.
5. If installing two layers of rubber sealing tape, ensure the second layer overlaps any joints in the first layer.
6. Tape that overhangs the wall plate can be cut if required (shown in red below).



Rubber Sealing
Tape Area = —



Nylon fixing & screw