

AZS ARGE Zugangsstollen, Linthal, Switzerland

The project:

Access shaft II -Kraftwerk Linth-Limmern AG "Project Linthal 2015"

Executing companies:

AZS ARGE Zugangsstollen

RL Pumpenanlagen GmbH, Wollerau

The problem:

Shafts with a pronounced tilt. drilling water and incoming water must be pumped out.

Our solution:

LH322W submersible pump is used, with a second pump held in reserve. The pump is frequency-controlled and regulated using a submersible pressure probe. If the water level rises, the speed is increased; when the water level falls, the speed is reduced. This type of control was chosen so that a very small pump container can be used which can be easily replaced after each new tunnel section. A model KTZ47.5 pump is built into the drainage water treatment.



Specifications KTZ: <https://www.tsurumi.eu/en-IE/ktz>

Specifications LH-W: <https://www.tsurumi.eu/en-IE/lh-w>

