

## Construction of a new culvert, Kleuterbach, Germany

### The Project:

Replacement construction of the Kleuterbach culvert

Executing companies:

Johann Bunte GmbH&Co. KG  
Bad Bentheim branch

### The problem:

At km 42.431 N the Dortmund-Ems Canal passes over the upper Kleuterbach culvert. The planned channel widening of the Lüdinghausen–Senden section requires that the existing culvert be replaced. This will be built using the immersed-tube-method throughout its length. Submersible pumps will be necessary for floating the steel pipe culverts into place and sinking them.

### The solution:

Pumps of types KTZ47.5 and KRS2-69 were used to control the flooding of the steel pipes and to sink them accurately.



Specifications KRS: <https://www.tsurumi.eu/en-IE/krs>

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

