

Airport link Cologne/Bonn

The Project:

Underground railway track to link the Cologne/Bonn Airport, Germany

Executing companies:

Consortium airport link Cologne/Bonn lot 3

Wayss&Freytag AG, E. Heitkamp GmbH,

Bauer Spezialtiefbau GmbH, F.C. Trapp AG

The Problem:

A DB400 sewage water pipeline has to be installed through the progressing soil excavation.

Our Solution:

To re-pump the dirty water generated, submersible pumps for abrasive water of the types KRS65.5 and KTZ45.5 were installed in the existing shaft. Installation includes all hose connections and the emergency generator.



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

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

In the event of abrasive and corrosive utilization, stronger wear and tear will take place naturally in certain components. With regards to the above application wear and tear can take place mainly in impeller, agitator, suction plate, shaft sleeve, oil ring, mechanical seal, pump casing, strainer, motor casing and discharge coupling. Depending on the working conditions the lifetime of those parts might vary significantly and can be shorter than the legal warranty period.

In this regard, please pay attention to our [general terms and conditions](#) that we also send to you by mail on request.

