

PROJEKT REFERENCE LIST



STRATE REFERENCES: CHECK VAVLES



Hydrel siba in Besancon, France

Six STRATE RSK-UD in DN600



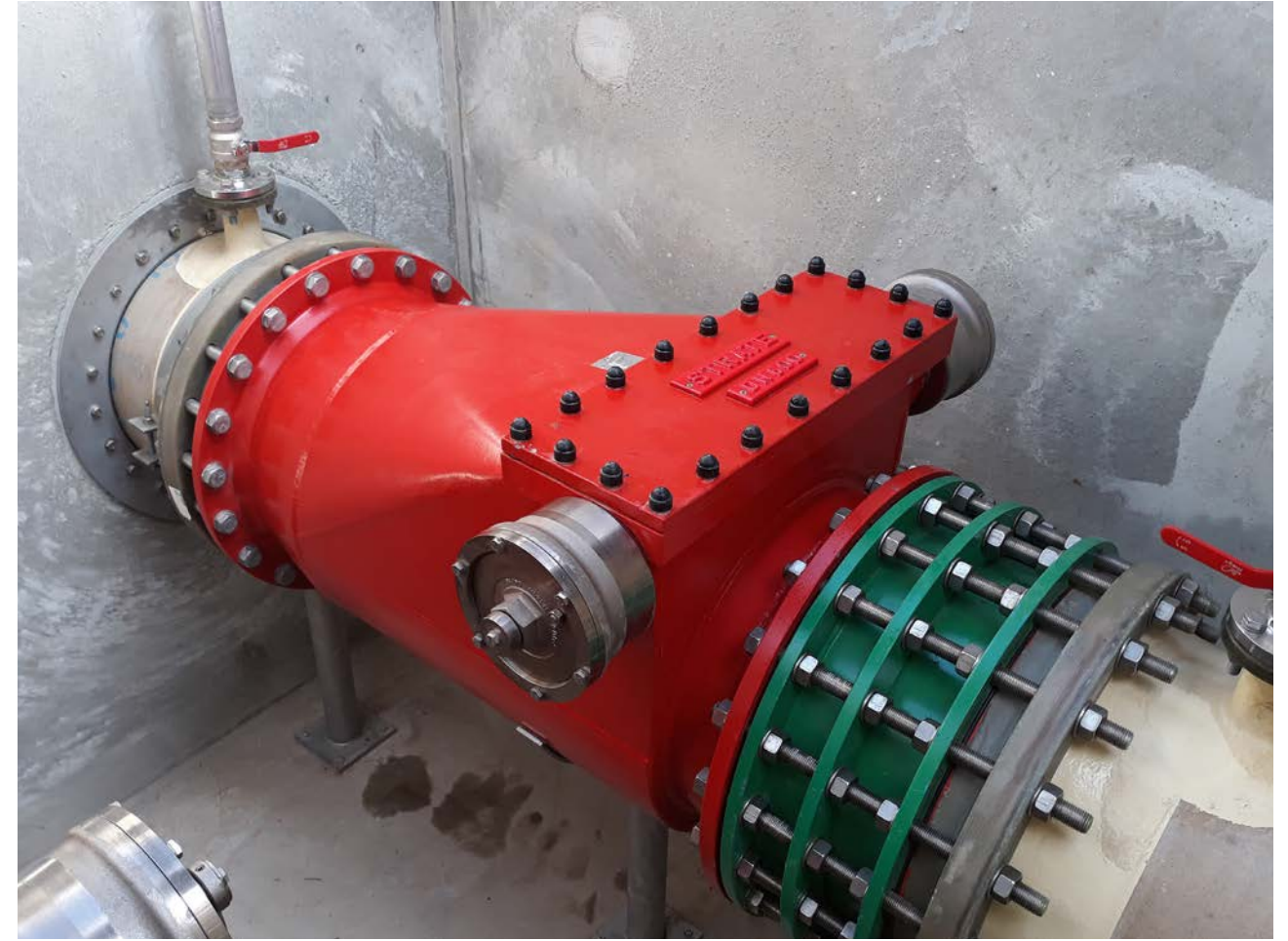
Sewage Pumping Station Øya in Trondheim, Norway

STRATE Check Valve FTUD in DN250.
The external bypass line to the return flow of the pumped medium with integrated pressure surge damping valve reliably protects the Øya sewage pumping station in Trondheim against pressure surges.



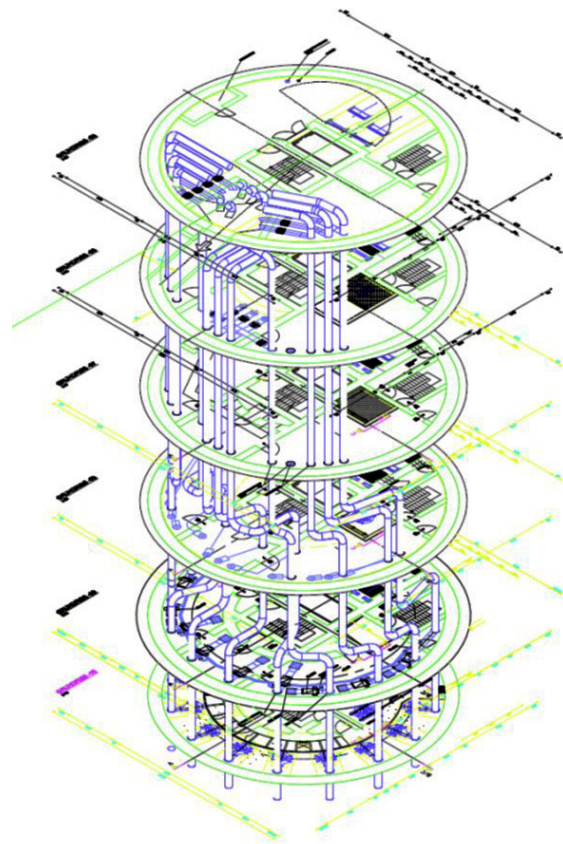
Frankfurt international Airport, e.g. Terminal 3 - Airfield and Runway Drainage, Germany

Various STRATE check valves of different types and sizes have been installed at Frankfurt Airport.



Main water pumping station Cracauer Anger in Magdeburg, Germany

Two STRATE RSK-FT in DN600
This RSK type is equipped with an external spring to close the flap faster and avoid pressure surges. At the customer's request, the two check valves were painted in a special color.



URS 422 St. Petersburg, Russia

12 STRATE RSK FTUD in DN500

The sewage pumping station URS 422 collects sewage from several parts of the 5 million metropolis St. Petersburg, then it passes the river Neva and is conveyed along the other bank to the Northern waste-water treatment plant (WWTP).

The inlet channel of URS 422 has a diameter of 3.6 m, the max. inlet flow is approx. 26,000 m³/h and a shaft depth of 92 m.

Kloevermarken Copenhagen, Denmark

STRATE RSK FTUD in DN700

Several STRATE check valves of the type FTUD were installed in this project. The project had similar structural conditions as the project in St. Petersburg.



Seage treatment plant Rosental in Leipzig, Germany

Five STRATE RSK-FTUD in DN400
The Rosental sewage treatment plant is the main sewage treatment plant in Leipzig. It is operated by Kommunalen Wasserwerke Leipzig GmbH.



Sewage treatment plant Ejby Moelle Renseanlaeg in Odense, Denmark

Six STRATE RSK FTUD in DN500
Ejby Moelle Renseanlaeg belongs to Denmark's largest and oldest water company in the municipality of Odense.
The company includes 8 wastewater treatment plants and over 325 pumping stations, with a sewerage system of approx. 2,750 km.

STRATE REFERENCES: PUMPING STATIONS



Tropical Island, Deutschland

STRATE AWALIFT 4/2

This project was realised in cooperation with the planning office of WAFI GmbH in Cottbus and Pumpen-Bertold e.K. in Chemnitz. Installed is the STRATE sewage pumping station AWALIFT 4/2 in special stainless steel design. The station was equipped with chemically nickel-plated pumps ST100/269, each with 30 kW and 3000 rpm. The level is controlled by a redundant double measuring system HWAS-BN, which consists of two independent measuring systems with different functions and thus increases the operational safety of the sewage pumping station. The switchgear consists of a programmable logic controller - Siemens Simatic S7 with frequency converters and completes the pumping station from STRATE.

Novalja, island of Pag,, Croatia

STRATE AWALIFT 1/2 Penta

The example shows a pumping station in Croatia, which is only 200 m from the coast. A STRATE AWALIFT 1/2 penta with AWAgard® coating was installed in the GRP shaft. The coating provides optimal protection against the salt load of the sea.

BEFORE - Conventional wet installation



AFTER - Clean and dry solution with the STRATE SYSTEM



Fire brigade in Burgdorf, Germany

STRATE AWALIFT 74/2
The replacement of a sewage exchange pump by a dry installed STRATE AWALIFT 74/2 sewage pumping station at the fire brigade in Burgdorf.



Frankfurt international Airport, Germany

More than 30 pumping stations have been installed on the Frankfurt Airport site since 1969. A variety of systems have been used, such as AWALIFT 8/3, AWALIFT 8/2, AWALIFT 6/2, AWALIFT 5/2, AWALIFT 3/2, AWALIFT 74/2 and a few more.



Dammacker Hof in Sarstedt, Germany

STRATE AWALIFT 3/2
Replacement of an existing plant by a sewage pumping station STRATE AWALIFT 3/2.

Sewage Pumping Station Comano Terme I+II, Italy

These pumping stations were used in this project
STRATE AWALIFT 9/4x2 $Q = 300 \text{ m}^3/\text{h}$ - $H = 72 \text{ mWS}$ -
4x(2x 45 kW) STRATE AWALIFT 6/2x2 $Q = 200 \text{ m}^3/\text{h}$ -
 $H = 72 \text{ mWS}$ - 2x(2x 37 kW)

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For over 70 years, STRATE has stood for innovation in all aspects of wastewater transport. Our patented dry-installed system combines maximum operational reliability, economy with user-friendliness. Our portfolio includes wastewater pumping stations with innovative separator system as well as check valves and ventilation and bleeding valves. In addition, STRATE supplies blower and compressor manufacturers with check valves and valves for air and industrial gases.



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