

Pumping Station Annahof

Application market	Wastewater
Market segment	Wastewater Collection
Pumped medium	Wastewater
Pump product	Bearing Frame
Country	Germany



Challenge

Wastewater pumping station to be equipped with suitable pump at an exactly defined and fixed duty.

Solution

Installation of two Screw Centrifugal Bearing Frame pumps with large free passage. A V-belt drive is used to operate the pump with a fixed shaft speed at a precisely defined operating point.

Benefits

The customer's requirements could be fulfilled satisfactorily by matching with the precisely defined operating point.

- Low-cost adjustment of pump performance, therefore
- Reduction of the overall energy consumption

Quantity of units sold	2
Pump type	H05K-MH2R+HHM1W-X
Motor data	IEC frame size 250 / 55 kW / 4 pole / 50 Hz
Material combination	Nodular iron impeller with Hidrohard wear parts
Duty point	Flow : 100 litres per second / Head : 30 meters
In operation since	2009