

## Water Supply Pinsk

Application market	Wastewater
Market segment	Wastewater Collection
Pumped medium	Domestic wastewater
Pump product	Bearing Frame
Country	Belarus



### Challenge

In the tender for the renewal of an existing plant, high demands were placed on the reliability of the pump for pumping raw wastewater with a high solids content. In addition, the existing energy saving potential should be achieved as far as possible.

### Solution

Installation of a non-clogging Screw Centrifugal Bearing Frame Pump with large free passage and a high overall efficiency. The pump is installed horizontally on a base plate in the dry pump room.

### Benefits

The main requirements of the customer could all be fulfilled satisfactorily: Ensuring reliable and non-clogging operation, reaching the defined operating point and also a significant reduction in overall energy consumption.

- Trouble-free and service friendly installation with
- Non-clogging pump operation and
- Reduction of the overall energy consumption

Quantity of units sold	1
Pump type	F06K-H01 + FFM1X-G200
Motor data	30 kW / 4 pole / 50 Hz / IEC frame size 200
Material combination	Nodular iron impeller and cast iron suction cover
Duty point	Flow : 139 litres per second / Head : 14 meters
In operation since	2014