



Water Supply Pipeline in the North of Spain

Application Field: Water distribution
Place: Santander, Spain
Date: 2007
Products: 2 x VAG RIKO® Plunger Valve with hydr. brake and lift cylinder DN 600/800 PN 100; 7 x VAG RIKO® Plunger Valves with electric actuator DN 450 to 800 PN 10/16/25/100

Project description:

The cities of Santander and Torrelavega, located in the north of Spain, are supplied with water via a 40 km long water main. On its route from the Ebro reservoir to the cities, the pipeline has to overcome elevations of up to 735 m. At five points in the pipeline, pump stations were installed to keep the water flowing.

Already at an early stage in this project, VAG's project engineers were consulted to provide advice on the selection of valves, the delivery and installation of the valves. Due to the great differences in altitude and the pressures generated in the pipelines due to this fact, VAG RIKO® Plunger Valves of a nominal pressure of PN 100 were installed.

The extremely tight project schedule became another great challenge. A mere six months after the customer had placed his order, the valves were delivered.



Water supply pipeline equipped with a VAG RIKO® Plunger Valve with hydraulic brake and lift unit



VAG RIKO® Plunger Valve with hydraulic brake and lift unit DN 600 PN 100