Bisalpur-Jaipur Water Supply

Application Field:	Water Distribution
Place:	Rajasthan, India
Date:	2007 - 2008
Products:	22 x VAG RIKO® Plunger Valves DN 100 to 400 - PN 10, 114 x VAG EKN® Butterfly Valves DN 250 to 2200 - PN 10 and 16, 189 x VAG DUOJET® Air Valves DN 50 to 200 - PN 10

Project description:

The city of Jaipur is the capital of the Indian state of Rajasthan in the north-west of India.

Via a 106 km long supply pipeline, the Bisalpur-Jaipur water supply project delivers water from the Bisalpur dam to Jaipur. The target of the project is to supply 5.3 million people with drinking water without having to draw on the area's ground water resources.

The planning concept consists of several phases to meet Jaipur's rising demand for water and to reduce the extraction of ground water to a sustainable level. Gradually, the daily total output capacity is to be increased from 400,000 m^3 to over 1,000,000 m^3 of drinking water.

Besides a large number of butterfly valves and air valves, a total of 58 VAG plunger valves were installed in the over 100 km long pipeline to control the water flow rate.

Water supply pipeline

VAG RIKO® Plunger Valve