

KLINGER Fluid Control

Reference Case

KLINGER Ballostar KHSVI VVS for KDHC

Operator: Korea District Heating Corp. (KDHC)
Location: South Korea

Operating Conditions

Operating Temperature: Max. 120°C
Operating Pressure: Max. PN25
Media: Hot water

KLINGER Product: KHSVI VVS
Size: DN600
Material: Carbon steel
Sealing: KFC25

Description

Korea District Heating Corp. (KDHC) is the biggest district heating provider in South Korea. KDHC supplies 1.3 million South Korean households with its district heating services. To ensure heat transfer from the production facilities to commercial and public locations they operate a distribution network of approximately 1,500 km.

In 2014 KDHC decided extended their distribution network into the province Gyeonggi. As the distances between the main shut-off valves are quite long, maintenance represent a certain challenge. Therefore it was of highest priority to install maintenance free valves which ensure reliable operation for decades.

Finally, KDHC was absolutely convinced that there is only one choice for such critical applications - KLINGER Fluid Control ball valves.

In order to support the local planning team of KDHC, KLINGER Fluid Control took care of the automation concept of the ball valves and provided all necessary preparations for pre-insulation (including a special coating on the valve body) in Korea.

In the end, the valve package delivered by KLINGER Fluid Control included 16 pieces DN600 fully welded ball valves type KHSVI VVS according to EN488 standard.

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