

KLINGER Fluid Control

Reference Case

KLINGER Ballostar KHI bypass for PEC Gliwice in Poland

Operator: PEC Gliwice
Location: Poland

Operating Conditions

Operating Temperature: Max. 135°C
Operating Pressure: Max. PN25
Media: Water

KLINGER Product: KHI Bypass with KVN
Size: DN250 - 600
Material: Carbon Steel
Sealing: KFC25



Description

In order to avoid the danger of water hammers the end user searched for a valve solution, where a "smooth" opening and closing mechanism is facilitated. The phenomenon of water hammers can happen in commercial or industrial fluid systems and can cause major problems and may result in damages of piping equipment and valves. KLINGER Fluid Control recommended to use a KHI ball valve with an electrical actuator from AUMA with a drain/test cock (double block & bleed) for maximum safety. Another safety recommendation was the installation of a bypass pipe with a piston valve that ensures a smooth opening/closing function. When the main valve is closed, the piston valve will be opened first and after that the actuator is opening the main valve. This procedure reduces the possibility of a water hammer to a minimum.

Contact person for further information

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