

# KLINGER Fluid Control

## Reference Case

### KHA DBB valve installed on steam 23 bar

Operator: CPCU Paris  
Location: Grenelle boiler station  
Plant Capacity: 545 MW  
(15% of the total CPCU capacity)

#### Operating Conditions

Operating Temperature: 235°C  
Operating Pressure: 23 bar  
Media: Steam

KLINGER Product: Ballostar KHA SL VIII-FS DBB  
Size: DN 100  
Material: Carbon Steel  
Sealing: KFC25

#### Description

During maintenance operations on the pipework most serious or fatal accidents occur. Many of them are related to a lack of safety. For fluids such as steam, the risks are mainly related to pressure and temperature.

For safety reasons CPCU - the largest district heating operator in France - wants its technicians to make sure that there is no risk of steam leakage when they modify or repair pipes downstream of the valves. The safety of downstream maintenance operations depends mostly on the tightness of the valves. Valves must be sealed in line before and during the entire operation. A DBB ball valve equipped with a drain cock to empty the dead chamber guarantees great safety of the pipe section.

Since many years CPCU has been using KHSVWI PN40 valves with drain cocks. Due to the safety and reliability of the DBB function, CPCU will now also use small DBB ball valves e.g. KHA DBB starting from DN 50 to DN 125.

#### Contact person for further information

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KHA-SL DBB installed to make the steam network safer.