



DISTRICT HEATING

Together we take care
of a reliable distribution

- 
- » Proven quality for over 40 years
 - » TÜV certified double block and bleed
 - » EN-488:2018 certified



KLINGER FLUID CONTROL VALVE SOLUTIONS FOR DISTRICT HEATING APPLICATIONS



Isolation of pumps



Heating supply and return

Isolation of boilers



Ballostar
» KHSV VVS PN40 DN150 to 800 with drain cock (welding ends)
» KHA VVS PN40 DN150 to 800 with drain cock (flanges)



with tightness control system

Ballostar
» KHA SL PN40 DN50 to 125 DBB with drain cock (welding ends)
» KHA FL PN40 DN50 to 125 with drain cock (flanges)



Ballostar
» KHA SL PN40 DN15 to 125 (welding ends)
» KHA FL PN40 DN15 to 125 (flanges)



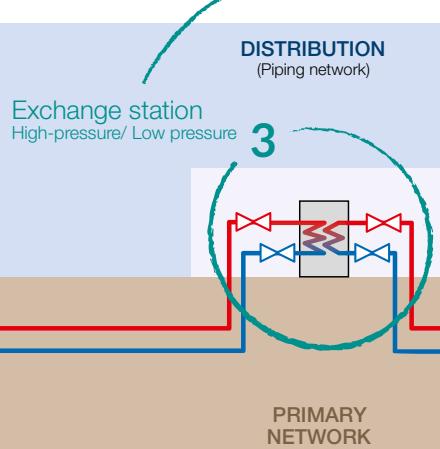
Piston valve
» KVN PN40 DN65 to 200 (flanges)



drain and vent



Exchange Station



Gallery



Chamber

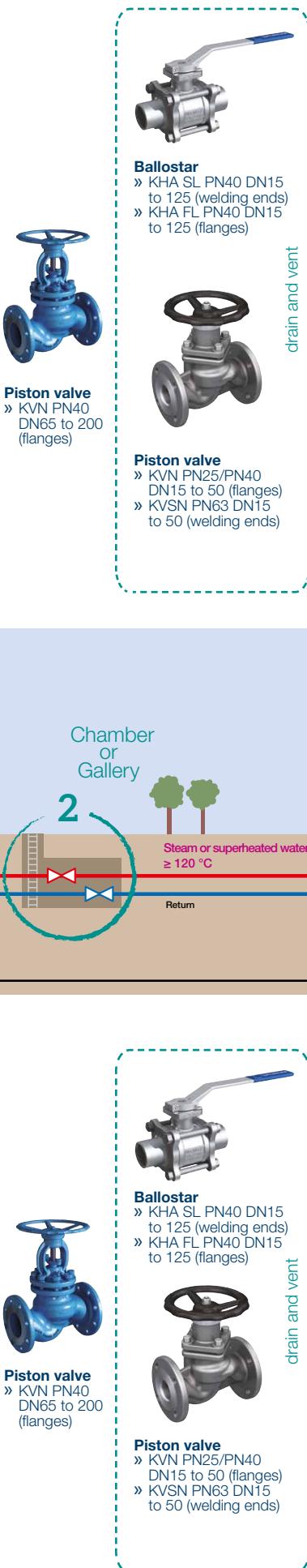


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drain and vent



Pre-insulated EN 488:2015

- » Unique design; high degree of resilience against pipework forces and dirt.
- » Complete range of valves (DN20 - DN1000).

- » Pre-insulated delivery possible.
- » EN-488:2018 certified.
- » TÜV certified double block and bleed.

The diagram illustrates a heat-exchanger system with various valve types and their applications:

- Ballostar** (Blue): Used in the **Sub-station (at the heat-exchanger inlet)**. Two models are shown: one with welding ends (PN40 DN15 to 125) and one with flanges (KHA VVS PN40 DN150 to 800).
- Piston valve** (Blue): Used in the **Sub-station (at the heat-exchanger inlet)**. Two models are shown: one with flanges (KVN PN40 DN65 to 200) and one with welding ends (KVN PN25 / PN40 DN15 to 50).
- Ballostar** (Grey): Used in the **Sub-station entrance**. Two models are shown: one with welding ends (KHA SL PN40 DN50 to DBB) and one with flanges (KHA FL PN40 DN50 to 125).
- Piston valve** (Grey): Used in the **Sub-station entrance**. Two models are shown: one with flanges (KVN PN40 DN65 to 200) and one with welding ends (KVN PN25 / PN40 DN15 to 50).
- Monoball** (Blue): Used in the **Sub-station (at the heat-exchanger outlet)**. Two models are shown: one with vent (KHSVI VVS PN25 / PN40 DN150 to 800) and one with vent and service valves (KHSVI VVS PN25 / PN40 DN150 to 800).
- Monoball** (Blue): Used in the **Sub-station entrance**.
- Monoball** (Blue): Used in the **Delivery (Sub-station)**.

Delivery (Sub-station): Shows the flow from the Sub-station entrance through a heat-exchanger and DHW storage tank, connecting to a public water source. A Manhole is indicated on the pipe.

Sub-station (at the heat-exchanger outlet): Shows a close-up view of the piping system with various valves and components.

Sub-station (at the heat-exchanger inlet): Shows a close-up view of the piping system with various valves and components.

KLINGER FOR SAFETY

- » Quality & know-how
- » Cost savings (TCO)
- » Emission reduction
- » Proven solutions
- » E-business OCI / webshop
- » Dedicated specialists



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**“Shaping the future
of district heating”**