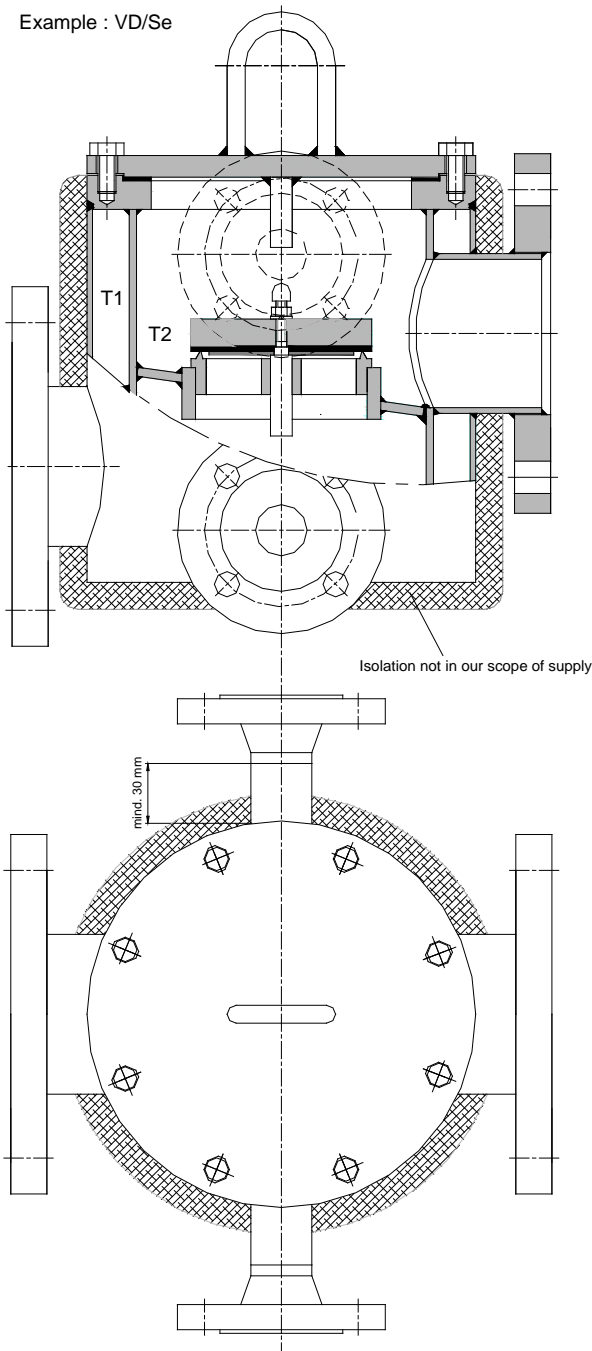


Heating Jackets for KITO®- Relief Valves, In-line Deflagration Flame Arresters and Detonation Flame Arresters

Pipe armatures with and without KITO® flame arrester

Example : VD/Se



Special type sheets for KITO® armatures with heating jackets available on request.

Heat loss on insulated KITO® pipe armatures. Difference in temperature from the heating chamber T1 to the interior of the housing T2 is about 25°C (see PTB-report on VbF-flame arresters).

Note:
Heating jackets are usually subject to the Pressure Equipment Directive (PED) and they need CE-marking.

Design subject to change

Standard design

armature housing	: cast steel 1.0619, steel, stainless cast steel 1.4408, stainless steel mat. no.1.4571
heating jacket	: steel, stainless steel mat. no. 1.4301, 1.4571
flange connection	: DIN EN 1092-1 DN 15 PN40 (DN 25 as an alternative)
test pressure	: 15 bar
max. operating pressure	: 10 bar

Application

Warm-water/vapor heating, as frost protection or to maintain temperatures in the armature housings.
max. heating temperature:

- Armatures with KITO® flame arrester for flammable products with a flash point of $\leq 55^\circ\text{C} = 85^\circ\text{C}$.
- Armatures with KITO® flame arrester for flammable products (flash point of $> 55^\circ\text{C}$) 110°C .
- Armatures without KITO® flame arrester (e. g. KITO® VD/Se) for flammable products 150°C and for non-combustible products 200°C .