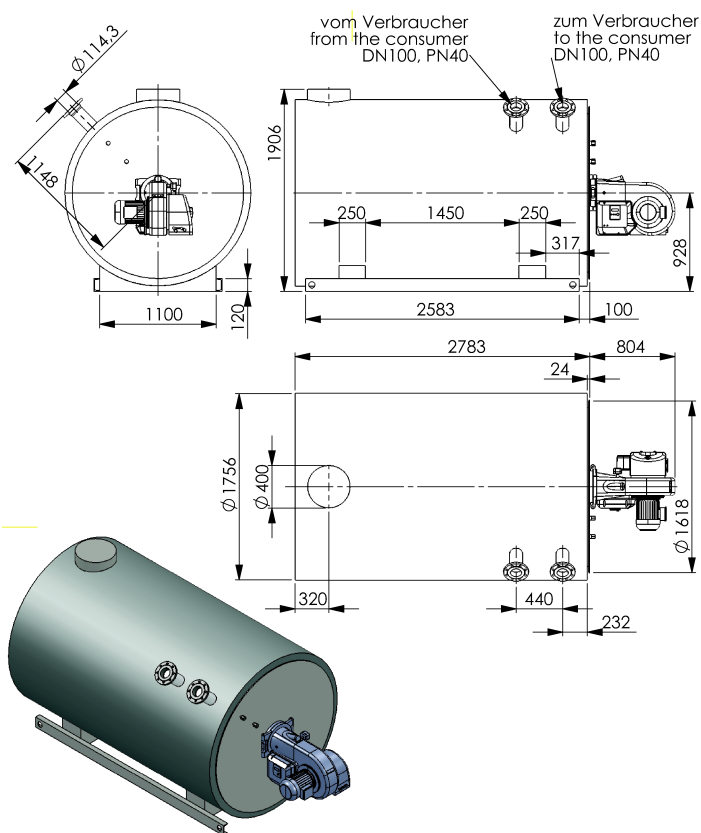


Heater type: TH - 10



|  |                      |
|--|----------------------|
| Nominal capacity   | 1000kW               |
| Thermal fluid content  | 861 l                |
| Weight without filling   | 3080 kg              |
| Nominal thermal fluid volume flow                                    | 70 m <sup>3</sup> /h |
| Thermal fluid pressure drop  | 28 m flc.            |
| Design temperature   | 300 °C               |
| Temperature difference outlet - inlet                                | 25 K                 |
| Heating surface  | 40,79 m <sup>2</sup> |
| Insulation thickness   | 150 mm               |
| Recommended pump size @ 15mflc remaining height to provide consumers | 50-200               |
| Recommended motor power  | 15 kW                |

|                                 | LFO firing              | Natural Gas firing        |
|---------------------------------|-------------------------|---------------------------|
| Thermal efficiency:             | 86,52 %                 | 85,62 %                   |
| Fuel consumption:               | 97,45 kg/h              | 116,80 Nm <sup>3</sup> /h |
| Furnace pressure drop:          | 892 Pa                  | 943 Pa                    |
| Combustion air consumption:     | 1300 Nm <sup>3</sup> /h | 1257 Nm <sup>3</sup> /h   |
| Exhaust gas outlet volume flow: | 1379 Nm <sup>3</sup> /h | 1385 Nm <sup>3</sup> /h   |
| Exhaust gas outlet temperature: | 310 °C                  | 314 °C                    |
| Specific furnace load:          | 705 kW/m <sup>3</sup>   | 712 kW/m <sup>3</sup>     |