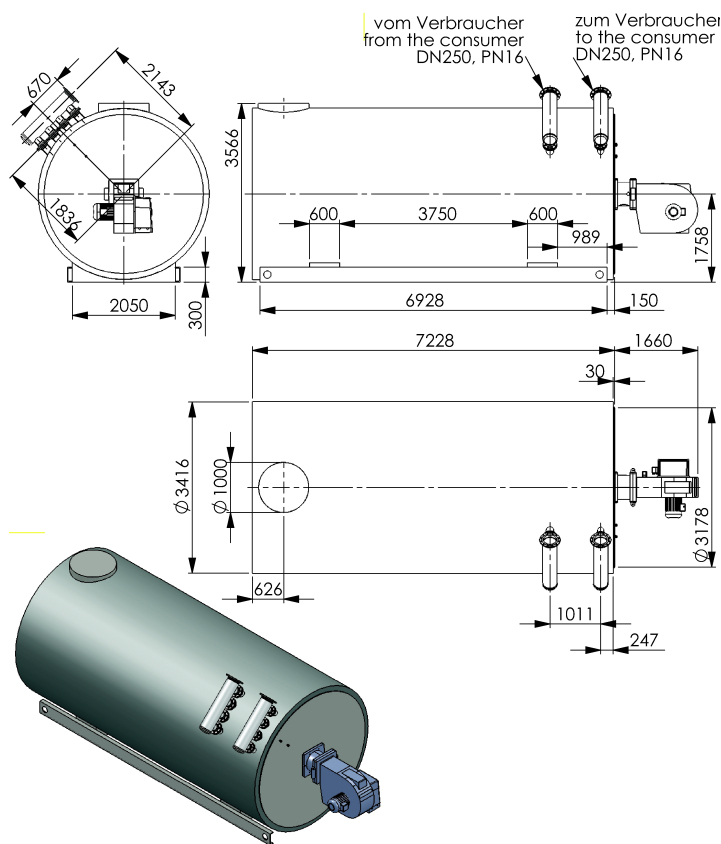


Heater type: TH - 80



Nominal capacity	8000 kW
Thermal fluid content	7853 l
Weight without filling	22950 kg
Nominal thermal fluid volume flow	563 m ³ /h
Thermal fluid pressure drop	27 m flc.
Design temperature	300 °C
Temperature difference outlet - inlet	25 K
Heating surface	260,23 m ²
Insulation thickness	150 mm
Recommended pump size @ 15mflc remaining height to provide consumers	200-400
Recommended motor power	90 kW

	LFO firing	Natural Gas firing
Thermal efficiency:	85,80 %	84,88 %
Fuel consumption:	786,14 kg/h	942,51 Nm ³ /h
Furnace pressure drop:	1409 Pa	1469 Pa
Combustion air consumption:	10485 Nm ³ /h	10147 Nm ³ /h
Exhaust gas outlet volume flow:	11126 Nm ³ /h	11181 Nm ³ /h
Exhaust gas outlet temperature:	325 °C	329 °C
Specific furnace load:	365 kW/m ³	369 kW/m ³