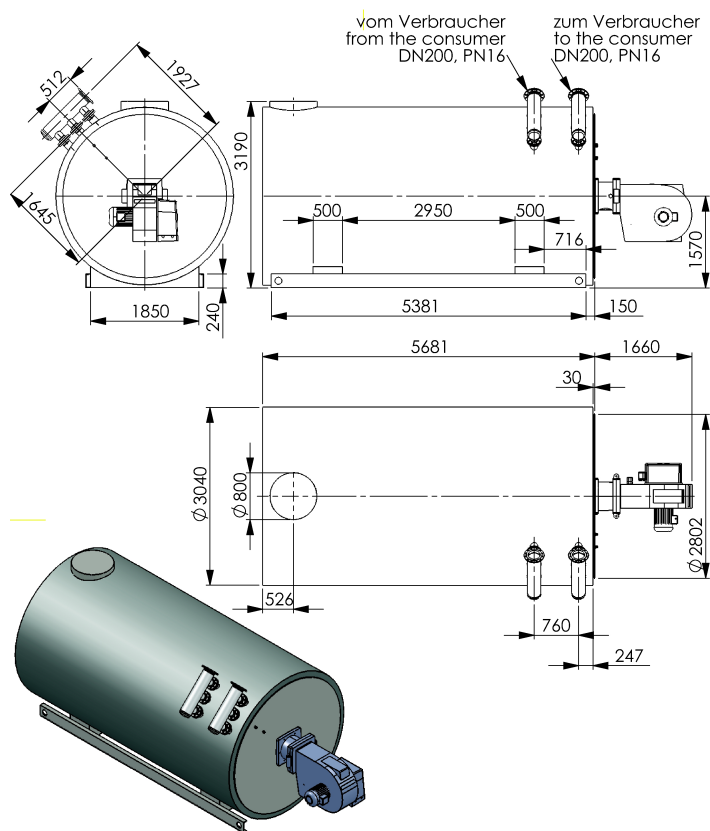


Heater type: TH - 50



Nominal capacity	5000 kW
Thermal fluid content	4762 l
Weight without filling	15050 kg
Nominal thermal fluid volume flow	352 m ³ /h
Thermal fluid pressure drop	27 m flc.
Design temperature	300 °C
Temperature difference outlet - inlet	25 K
Heating surface	174,38 m ²
Insulation thickness	150 mm
Recommended pump size @ 15mflc remaining height to provide consumers	125-250
Recommended motor power	75 kW

	LFO firing	Natural Gas firing
Thermal efficiency:	86,15 %	85,25 %
Fuel consumption:	489,34 kg/h	586,51 Nm ³ /h
Furnace pressure drop:	1198 Pa	1253 Pa
Combustion air consumption:	6527 Nm ³ /h	6314 Nm ³ /h
Exhaust gas outlet volume flow:	6926 Nm ³ /h	6958 Nm ³ /h
Exhaust gas outlet temperature:	318 °C	321 °C
Specific furnace load:	382 kW/m ³	386 kW/m ³