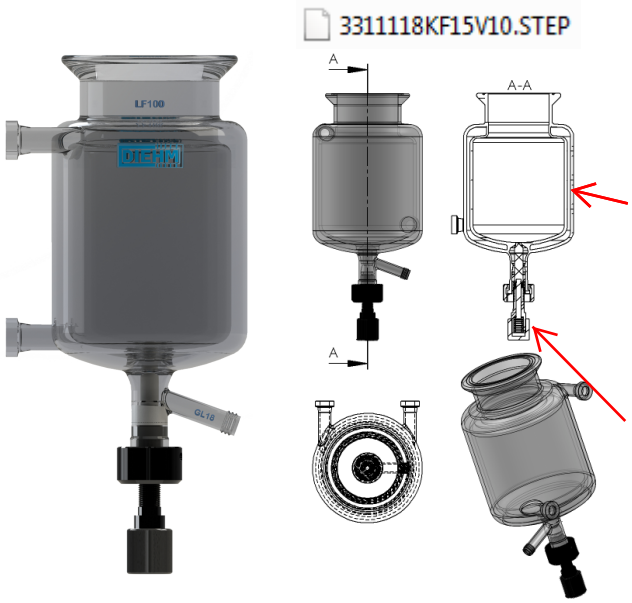
Why DIEHM Reactors?

The oldest, still used DIEHM reactor is more than 25 Years old!

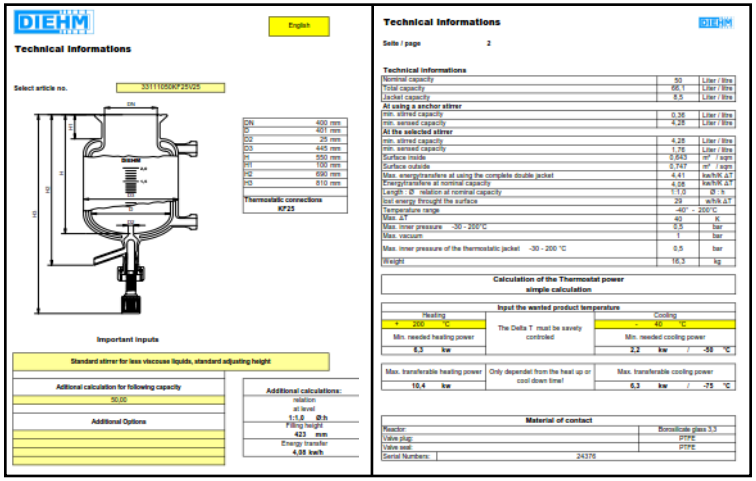


For each reactor we can provide a 3D drawing and a step file for using in other drawing programmes.

The distance between the walls is very small, so a high flow rate of the thermo-static liquid is realised. This is the guarantee for a very short reaction time, an exact reactor temperature and less thermostatic fluid with all its advantages

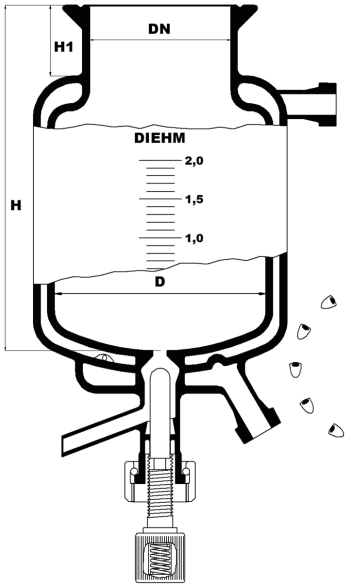
A spring loaded valve protect the glass part from cracking because of the expanding process of the spindle at heating up, or from low temperatures to room-temperature.

Calculated reactors: We deliver technical information for all our reactors. This is very important for scale up.



Reactors of different types allow us to offer exactly the right reactor to the customer. Connectors left, right or behind, standard- or turbo injection of the thermostatic fluid, Stainless steel coil inside to imitate a half pipe thermostatic reactor are only some examples.

A lot of different valves in sizes of 10mm, 16mm, 20mm and 25mm are available in stock. We can deliver all with an O-ring seal at the top and as addition an integrated Pt100 sensor. All with different outlet possibilities.
All can be hand operated or with pneumatical drive.
All valves of the same size and for the same reactor type is inter-changeable.



The optional turbo injection brings a very high circulation of the thermostatic fluid. Because of this the mantle surface is used better for heat transfer. This reactor responds more than 10 times faster than standard reactors. This is the cheapest way to realise a highly efficient reactor.

We offer 3 wall reactors as standard or as highly resistant variants with a delta T up to 100K.