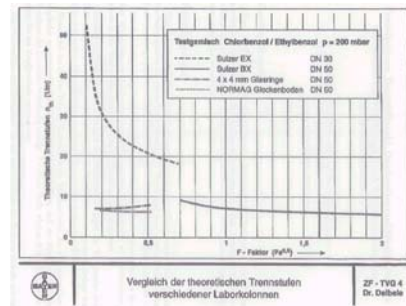


Continuous distillation DN 100 for scale-up



Characteristics:

- Continuous distillation unit DN 100 made of stainless steel
 - for operation up to 16 barg and 230 °C
 - for a large viscosity range
 - NORMAG-bubble cap trays, easy cleanable especially made for a wide viscosity and liquid load ranges and for scale-up
 - heating sleeve with temperature and heat loss compensation, ATEX-conformity
 - appr. 9 m column height, NW 100, 40 practical stages
- flash-settler, stainless steel / borosilicate glass 3.3
- Sump recycle pump with controlled upheating and flash evaporation in column, especially designed for viscous and fouling system
- Feed in column mid section and column sump flow, temperature and overheating controlled
- Compact stainless steel condenser
- Controlled gravity based reflux divider, completely draining
- Steam distribution and control station
- Piping and instrumentation incl. connection to existing feed and distillate vessels
- Process control system
- Compact, flexible and easy servicing design in preassembled rack
- Regulations and guidelines
 - EU machinery directive / CE conformity
 - Pressure equipment directive 97/23 EG
 - ATEX
 - TA-Luft conformity for connections and valves