

Product Name :
Astra Jacketed Stainless Steel Reactor

Product Code :
ASTRALAB-SUPPLYA5004



Description :

Astra Jacketed Stainless Steel Reactor

Technical Specification :

Structural principle and characteristics of the stainless steel reactor: The reactor is composed of a pot body, a pot cover, a stirrer, a jacket, a bracket, a transmission device, and a shaft seal device. Materials and openings can be tailored to meet user's process requirements. Heating forms include electric heating, oil heating, air heating, water heating (or cooling) and open flame heating. The jacket type is divided into jacket type and outer half pipe type, and the oil heating type of the jacket is equipped with diversion device. The stirring type is usually

paddle, anchor, frame, screw and scraper. The high-speed type includes discrete impeller type, turbine type, high shear type and propeller type, for customers to choose according to the process. Transmission forms include ordinary motors, explosion-proof motors, electromagnetic speed-regulating motors, inverters, etc. The reducer includes cycloidal pin gear, worm gear and planetary continuously variable speed. The shaft seal is an ordinary water-cooled packing seal, a combined PTFE packing seal and a mechanical seal. There is a ball valve and a lower valve.

According to process requirements, the inner tank is made of stainless steel. The inner surface is mirror polished. It can be cleaned online through CIP or disinfected through SIP.

According to process requirements, the outer jacket is made of stainless steel or carbon steel.

Appropriate diameter-to-height ratio design, customized mixing equipment according to needs; mixing shaft seal adopts pressure-resistant sanitary mechanical seal device to maintain the working pressure in the tank and prevent unnecessary leakage and material loss caused by material leakage in the tank

According to the needs of the operation, use the ear type or the foot type.



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