



Homogeneous Emulsion Pump

SLD series



Introduction

SLD SERIES HOMOGENEOUS EMULSION PUMP



Main application range

This **SLD** series are a kind of on-line combined homogeneous emulsion pump. Each stage of working chamber is equipped with a group of double-layer rotor and stator. Through the treatment of three groups of high-precision rotor and stator step by step, the medium shearing, breakage and homogeneous emulsification can be realized.

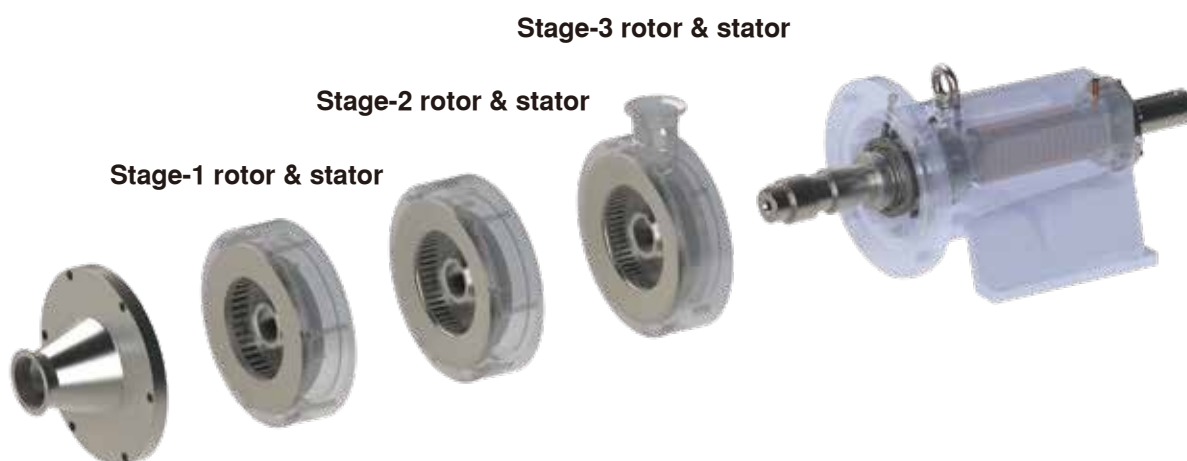
This series are widely used in food, daily chemicals, bio-Pharmaceutical, fine chemicals, paper making, environmental protection, paint/coating, petrochemical industry etc.

Application

Application features range

- The pump shaft is supported by the bearing box, and the working chamber can be combined with stage 1, stage 2 and stage 3. Also, the clearance and size of rotor and stator in each stage can be designed and adjusted per the actual conditions, so as to meet the working conditions and energy consumption requirements of different customers.
- In order to ensure the constant temperature operation of the bearings in the bearing box, this pump can be equipped with a patented cooling system, thereby effectively prolonging the service life of the bearings and skeleton oil seals per specific working conditions (continuous long-term operation or high medium temperature).
- Mechanical seal: double-end structure, equipped with water cooling system; Combined with special working conditions, different mechanical seal flushing schemes can be provided separately, such as PLAN52, 53A\ 53B\ 53C.

Bearing box cooling system



Model	Capacity (m³/h)	Speed (r/min)	Outlet Pressure (bar)	Power (kW)	Inlet/outlet diameter
SLD115-3	1~3	1450~2950	≤1.5	≤11	DN40xDN32
SLD145-3	3~5	1450~2950	≤1.5	≤18.5	DN50xDN40
SLD165-3	5~15	1450~2950	≤1.5	≤30	DN50xDN40
SLD185-3	15~20	1450~2950	≤2	≤37	DN65xDN50
SLD195-3	20~30	1450~2950	≤2	≤45	DN80xDN65
SLD215-3	30~40	1450~2950	≤2	≤55	DN100xDN80
SLD235-3	40~60	1450~2950	≤2	≤75	DN125xDN100
SLD255-3	60~80	1450~2950	≤2	≤90	DN125xDN100

Main technical parameters

Your local distributor details:



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