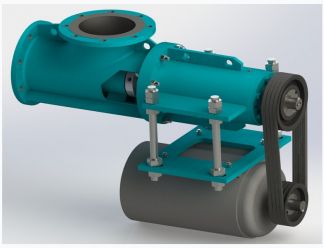
Forced Circulation Pump

This axial flow pump is designed for large flow and low head applications. It is widely used in industries such as chemical, petrochemical, alkali production, salt making, fertilizer, and water treatment.

ADDITIONAL IMAGES



Product Overview

High-Efficiency Axial Flow Circulation

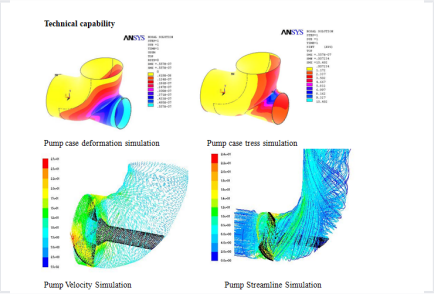
The SDQL Forced Circulation Pump is a robust, horizontally mounted, radially split, overhung pump engineered for demanding industrial processes. Designed for large flow and low head requirements, it offers exceptional reliability and efficiency in chemical, petrochemical, and water treatment applications. The pump features a versatile design with adjustable performance settings and heavy-duty bearing housing to ensure long service life and reduced maintenance costs.

Performance Specifications

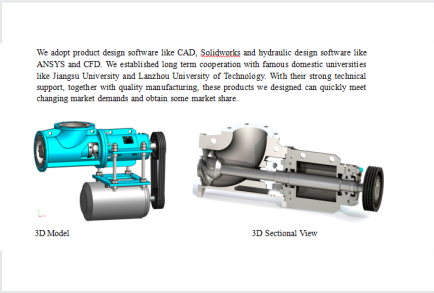
Operational Range

45000 m³/h	8 m	180 °C
Max Flow Capacity	Max Discharge Head	Max Temperature

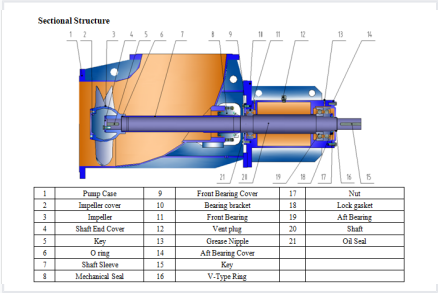
Technical Details



Advanced hydraulic simulation for structural integrity and optimal flow dynamics.



Precision-engineered design using CAD and Solid-works software.



Detailed breakdown of internal components including impellers, mechanical seals, and bearings.

Transmission Methods

- Motor Driven
- V-Belt Driven
- Gear Driven

Model Size Reference

Pump Type	Size (mm)	X Dimension
SDQL250	250	250
SDQL400	400	400
SDQL1000	1000	730
SDQL1400	1400	1400

Design Pressure	1 MPa
Mounting Types	Direct Coupled, Overhung, Semi-overhung

Application Fields

Suitable Industries	Chemical, Petrochemical, Alkali Production, Salt Making, Fertilizer, Water Treatment