

SH Double-SUCTION PUMP

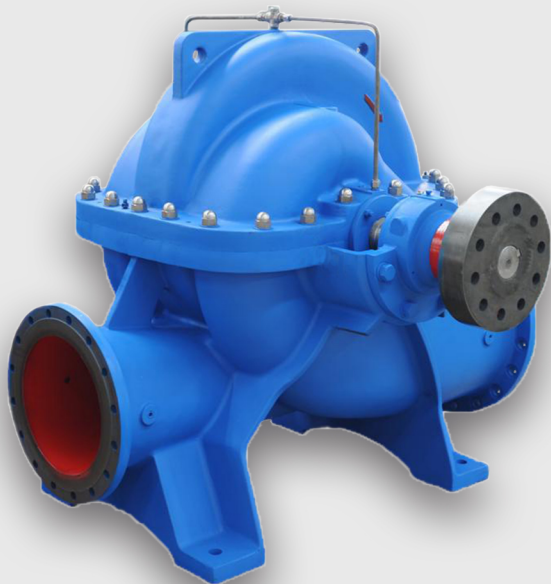
Features

Features such as high head and large flow rate.

It is equivalent to two single-suction impellers of the same diameter operating simultaneously.

The liquid temperature must not exceed 120°C.

Compact Structure: Aesthetically pleasing, highly stable, and easy to install.



Product Overview

As a significant type of centrifugal pump, the double-suction pump is widely utilized in engineering applications due to its characteristics of high head and large flow rate. The impeller of this pump configuration effectively consists of two impellers arranged back-to-back, with the water flowing from the impellers converging into a single volute casing. Double-suction pumps possess the following key features: they function as the equivalent of two single-suction impellers of identical diameter operating simultaneously, thereby doubling the flow rate for a given impeller outer diameter; the pump casing is horizontally split, facilitating convenient inspection and maintenance; furthermore, the inlet and outlet of the double-suction pump are aligned in the same direction—perpendicular to the pump shaft—which simplifies the layout and installation of the pump and its associated piping; finally, the impeller structure of the double-suction pump is symmetrical, resulting in a balance of axial forces and ensuring relatively stable operation.

SH Double-SUCTION PUMP

Features

Runs smoothly, features low noise, and has a long service life.

Sealing is employed to prevent fluid leakage. It can be applied at temperatures up to 316°C.

Technical Parameters

Product Name	SH Double-Suction Pump
Pump Structure	Horizontal Centrifugation
Rated Flow Rate	126–10080 m³/h
Rated Head	17–100 m
Power Range	30–2000 kW
Rated Voltage	AC 380V/660V 50Hz
Wetted Parts Materials	Wear-Resistant Cast Iron
Sealing Type	Mechanical Seal
Applicable Media	Sewage and other mixtures
Installation Method	Horizontal Installation

