

Double Suction Split Case Centrifugal Pump

This centrifugal pump is designed with a split case for easy maintenance and a double suction impeller for balanced hydraulic loads. It is suitable for high-volume water transfer in industrial, municipal, and agricultural applications.



ADDITIONAL IMAGES



Overview

High-Efficiency Axially Split Case Pump

The S SH series is a horizontal single-stage double suction centrifugal pump designed for high-volume water transfer. Its axially split casing allows for easy maintenance and inspection of internal components without disconnecting the inlet or outlet piping. These pumps are engineered for reliability in demanding environments such as municipal water supply, power stations, and large-scale irrigation projects.

Performance Metrics

Key Performance Ratings

12500 m³/h
Max Flow Rate

140 m
Maximum Head

80 °C
Standard Temp

130 °C
Max Temp (Cooled)

Technical Specifications

1	PUMP CASING	8	SEAL RING	15	BEARING BODY A	22	SEAL BODY (FOR STUFFING SEAL)	29	BEARING BODY B
2	PUMP COVER	9	MECHANICAL SEAL	16	SEAL GLAND	23	O-SEAL RING	30	BEARING
3	USE ELASTIC BAFFLE	10	MECHANICAL SEAL GLAND	17	WATER BAFFLE	24	STUFFING	31	BEARING BAFFLE
4	KEY	11	USE ELASTIC BAFFLE	18	COLUMN PIN	25	STUFFING RING	32	USE ELASTIC BAFFLE
5	WATER-RINGING PIPE PART	12	BEARING	19	SEAL BODY (MECHANICAL SEAL)	26	STUFF MUFF		
6	SEAL-RING	13	PUMP LINKAGE	20	SHAFT	27	O-SEAL RING		
7	IMPELLER	14	KEY	21	COLUMN PIN	28	PACKING GLAND PART		

Exploded view identifying key components including the impeller, seal rings, bearings, and shaft assembly.

Shaft Seal Options

- Soft Packing (Standard)
- Mechanical Seals (Optional)

Drive & Engine Options

- Electric Motor
- Diesel Engine

Outlet Diameter Range

100mm to 500mm

Available Materials

Cast Iron, Stainless Steel

Driving Methods

DC, CL, CR, CV, ZV, HC

Applications

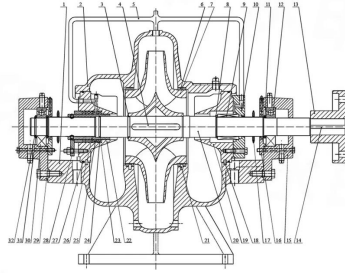
Suitable Fluids

- Clean Water
- Sea Water
- Muddy Water (with modified components)
- Liquids with physical/chemical properties similar to water

Target Industries

- Urban Water Supply
- Power Stations & Thermal Plants
- Mines and Factories
- Farmland Irrigation and Drainage
- Large-scale Water Conservancy
- Firefighting Systems

Design & Maintenance



Detailed cross-sectional drawing showing the internal assembly and split-case design of the centrifugal pump.

Maintenance Advantages

- Axially split casing for easy internal inspection
- No need to disassemble inlet/outlet pipelines for repair
- Double suction impeller for balanced hydraulic thrust
- Low noise and vibration during operation

Rotation Direction

- SH Type: Counter-clockwise
- S Type: Clockwise

Compliance & Quality

Certifications

ISO Certified • CE Certified

Commercial Terms

Order Information

Parameter	Details
Minimum Order Quantity	1 Set
Warranty	1 Year (excluding wearing parts)
Delivery Time	3-7 Working Days (quantity dependent)
Payment Methods	T/T, L/C, Western Union, Paypal