

Double Suction Split Case Centrifugal Pump

This split case centrifugal pump is engineered for high flow rates and efficient operation. Its double-suction impeller minimizes axial thrust and extends bearing life.



ADDITIONAL IMAGES



Overview

High-Performance Split Case Centrifugal Pump

The DFSS series is a high-capacity, double-suction centrifugal pump engineered for efficient operation in large-scale water transport applications. Its split-case design allows for easy maintenance and inspection of internal components without disturbing the connected piping. This robust pump is ideal for municipal water supply, industrial processes, and power plants where reliability and high flow rates are critical.

Performance Highlights

Key Performance Metrics

37000 m³/h

Max Capacity

180 m

Max Head

Technical Specifications

Available Speeds

- 2950 RPM
- 1450 RPM
- 980 RPM
- 740 RPM
- 585 RPM
- 490 RPM
- 372 RPM
- 298 RPM

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|-----------------------|------------------------------|
| Model | DFSS200-19/2 |
| Capacity Range | 66 ~ 37000 m ³ /h |
| Head Range | 180 m |

Design & Construction

Key Features

- Double-suction impeller for hydraulic balance
- Reduced axial thrust for extended bearing life
- Easy maintenance split-case design
- Low noise operation
- High efficiency

Design Type

Double Suction Split Case Centrifugal

Materials of Construction

Cast Iron Casing, Stainless Steel Impeller

Applications

Target Industries

Power Plants • Water Supply • Municipal • Construction • Fire Fighting • Mining • Irrigation

Suitable Media

Clean water, slightly polluted water, and low-viscosity fluids with similar chemical properties to water.