

# High-Speed Centrifugal Pump for Industrial Applications

This high-speed centrifugal pump is designed for industrial applications. It features a robust motor, precision-engineered pump housing, and a compact footprint.



## Overview

### High-Performance Industrial Pumping Solutions

These high-speed centrifugal pumps are engineered for demanding industrial applications, offering robust performance and high reliability. Available in both vertical and horizontal configurations, these units are designed to replace imported high-speed pumps, multi-stage pumps, and reciprocating pumps. With advanced features like integrated backflow stabilizers and high-speed thrust bearings, they provide stable operation and broad flow regulation ranges.

## Performance Metrics

### Maximum Flowrate

**120 m<sup>3</sup>/h**

Max Flowrate

### Maximum Head

**1920 m**

Max Head

### Maximum Power

**160 KW**

Max Power

## Operating Limits

Working Temperature Range	-130 to +340 °C
Maximum Suction Pressure	10 MPaG

## Design Features

### Available Configurations

Vertical (HSP-V) • Horizontal (HSP-H)

### Horizontal Pump Composition

- Motor
- Gearbox
- Pump unit
- Lubrication system
- Baseplate

### Key Advantages

Compact Structure, High Reliability, Easy Maintenance, Long Service Life, Interchangeable Parts