

Centrifugal Water Pump for Industrial Applications

This centrifugal pump is engineered for efficient fluid transfer. It is suitable for water circulation, pressure boosting, and general-purpose pumping duties with clean water and non-aggressive fluids.



Overview

High-Head Centrifugal Solution

The SCM2 series centrifugal pump features a dual-impeller design, engineered specifically for applications requiring high head values that standard single-impeller pumps cannot reach. Built with a durable cast iron body and reliable components, it is optimized for civil and industrial clean water circulation. This unit excels in pressure boosting, boiler feeding, and loading tasks, ensuring continuous, efficient operation.

Operating Conditions

Max Liquid Temperature	60 °C
Max Ambient Temperature	40 °C
Total Suction Lift	9 m
Duty Cycle	Continuous duty

Construction Materials

Key Components

Component	Material
Pump Body	Cast Iron
Impeller	Brass/Cast/Aluminum
Mechanical Seal	Stainless steel/Carbon-ceramic
Shaft	45# steel/Stainless steel

Motor Specifications

Protection Class	IP44 • IP54
Motor Type	Closed, externally ventilated
Insulation Class	Class B, Class F