سيبكا
SIBCA

FIRE PUMPS

2024

V1

EMPOWER YOUR FIRE SAFETY: INTRODUCING SIBCA`S PREMIUM FIRE PUMP SYSTEMS

INTRODUCTION

Experience Unrivaled Fire Safety with SIBCA`s Fire Pump Systems

As the cornerstone of fire defense, fire pump systems are indispensable in all establishments. At SIBCA, we adhere to international standards and hold UL and FM certifications to guarantee optimal safety.»

Our products are meticulously crafted at our cutting-edge manufacturing facility in Abu Dhabi, UAE, spanning over 40,000 square meters. Here, we boast a fully equipped testing facility that complies with UL, FM, and NFPA 20 standards for comprehensive pump testing.

Each SIBCA fire pump system undergoes rigorous quality assurance and testing processes to ensure it surpasses the required compliance standards, providing you with unmatched peace of mind.

OUR GOAL IS TO ENHANCE GLOBAL SAFETY

To support SIBCA's vision of enhancing global safety, it has alloted a 40,000 square meter manufacturing facility with the state-of-the-art technology to meet global standards and requirements.

Focus on High Quality

SIBCA products have undergone rigorous certification and listing processes, receiving approval from esteemed organizations such as Underwriters Laboratories (UL) in the United States and the British Standards Institution (BSI) in Europe. Moreover, these products are manufactured adhering to stringent international quality and environmental management standards and requirements. This commitment ensures that SIBCA maintains consistently high levels of product excellence and sustainability throughout its manufacturing processes.

Environment Friendly Technology

SIBCA's condensed aerosol technology is EPA-listed as an ozone-depleting substance substitute, boasting zero ozone-depletion potential. This recognition highlights SIBCA's dedication to environmental responsibility and innovative solutions, contributing to global efforts in ozone layer protection.

Cost Effective & Practical

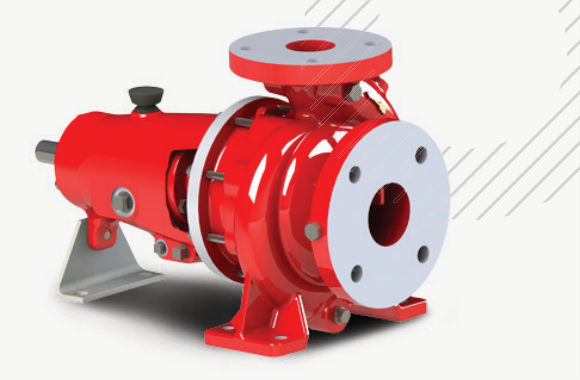
SIBCA systems are pre-engineered and require minimal maintenance costs throughout certified product life. Their compact design makes them an ideal solution for even the most technically challenging projects.

Support & Expertise

In the tightly regulated fire suppression market, SIBCA aligns its products with the latest information on fire engineering standards and applications, backed by worldwide support. SIBCA's extensive global distribution network consists of proficient and certified professionals who are prepared to handle the design, supply, installation, and maintenance of the complete range of SIBCA products.

GUARD
Fire Fighting Equipment Manufacturers

CENTRIFUGAL END SUCTION



LISTED

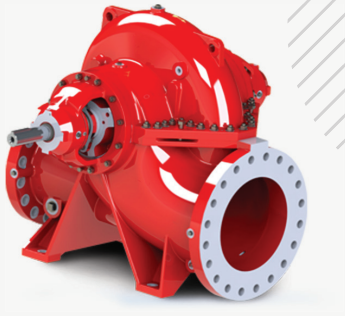
Description

Centrifugal fire pump is designed according to NFPA 20 for firefighting applications with latest technology and has premium components for easy maintenance and absolute efficiency.

Features

- Available in electric motor driven or engine driven configuration
- Dynamically balanced impellers
- Impeller design with excellent hydraulic characteristics
- Backpull out design
- Easy installation maintenance
- Replaceable casing wearing rings
- Dynamically balanced shaft
- Bearing having built with ball bearings for smooth operation

CENTRIFUGAL FIRE PUMP
SPLIT CASE



UL LISTED

Description

Split Case Pump is a single stage, non-self-priming, centrifugal volute pump with radial suction and discharge port. This pump has a horizontal pump shaft with the impeller placed in the middle of the shaft and with self contained combination bearing housing and seal chamber on both sides of the impeller. Without disturbing the motor or pipe-work, the split case construction enables the pump casing to be dismantled in the horizontal plane along the drive shaft. Removal and dismantling of the internal pump parts e.g. bearings, wear rings, impeller and shaft seal can then take place.

Features

- In line pump
- Double suction
- Low NPSH
- Low axial load on the shaft
- Improved efficiency (overall higher efficiency)
- Low radial load on the shaft
- Low axial and radial loads extends wear ring, seal and bearing life, minimize vibration and provides quiet operation
- Easy service bearing and packing gland can be changed without removing the top casing half

CENTRIFUGAL FIRE PUMP
VERTICAL TURBINE

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Description

Vertical turbine pumps are popluar and versatile for fire applications and not limited to undergound operations.

Features

- Stuffing box with gland packing
- Casted discharge head
- Flanged end column pipes
- Bearing holder for shaft alignment and support
- High efficiency
- Maintenance and durability
- Strainers are available to provide protection from large solids
- Hydraulic balance impeller

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