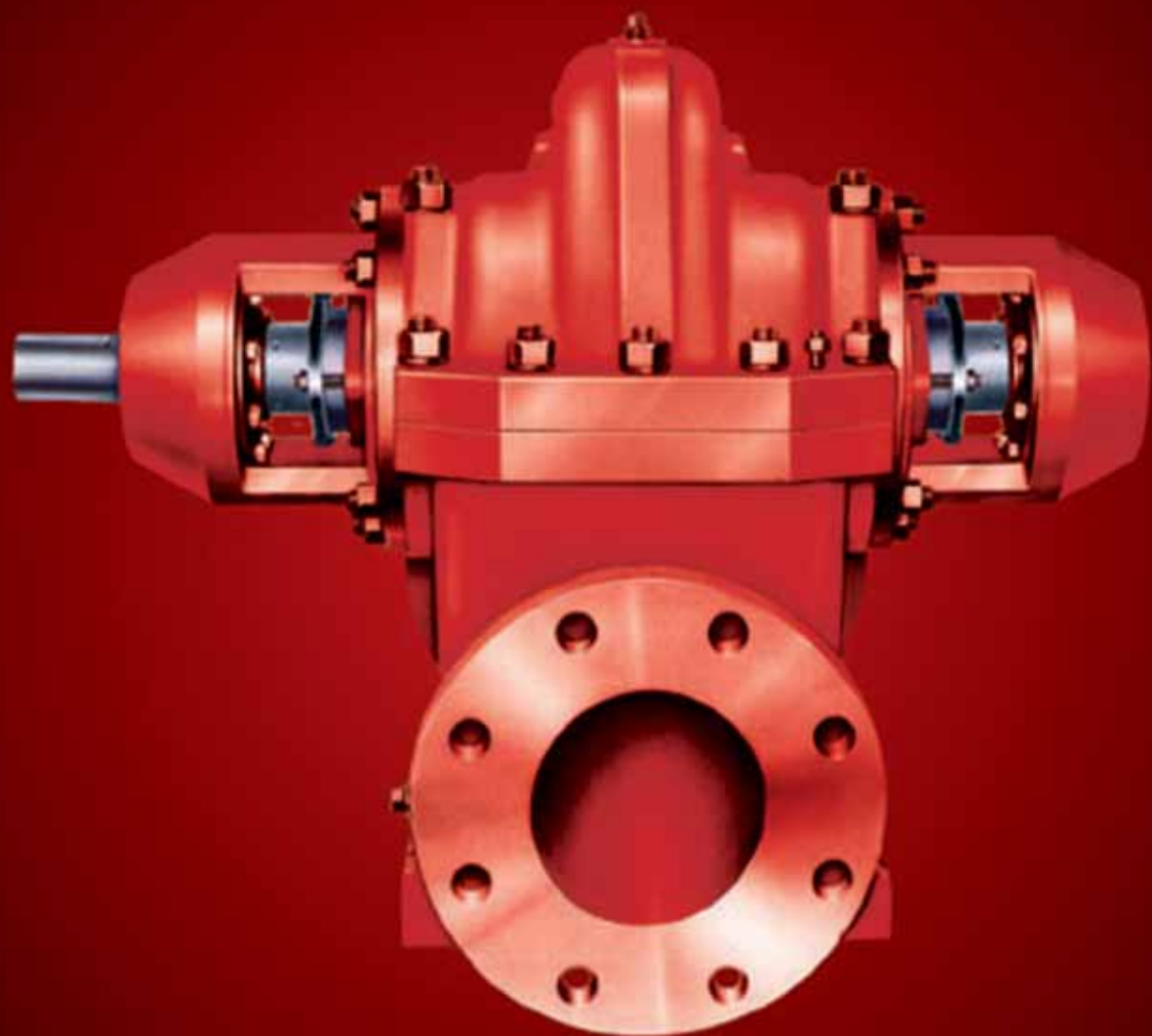


# Acme Pumps

NFPA-20 Fire Pumps



Engineered For Quality, Dedicated To Service

**Acme Pumps** is a leading manufacturer of high quality pumps. We provide our customers worldwide with high-efficiency pumps of superior quality that are reliable yet cost-efficient.

With ISO 9001-2000 certified manufacturing facility in China and Singapore, we invest in leading technology, R & D, manufacturing processes and a state-of-the-art testing facility. We use only the highest quality precision and sand castings from selected foundries with specialized steel and pump components from Europe and America.

We design and manufacture pumps and pumping systems fully compliant with recognized international standards and approved by local and international authorities for a variety of markets and applications.

To maintain our leading position, we are committed to long term client-oriented research and development. Our R & D team applies the latest technology available in the pump industry to constantly innovate our product design and function.

**ACME HVSF** centrifugal pumps are of single-stage horizontal split case, double suction design. It meets and exceeds the requirements of NFPA 20 and fully compliant with latest requirement of FM approval standard.

They are engineered and built to ensure reliable and safe performance while providing continuous service life at an efficient cost.



### **Material Specification**

Casing:

Cast Iron

Case Wearing Rings:

Bronze

Impeller:

304 Stainless Steel

Shaft:

416 Stainless Steel

Shaft Sleeves:

304 Stainless Steel

Gland:

304 Stainless Steel

## Features

**Cast iron casing fitted** with ASA 250# or PN 50 suction and discharge flanges to match the piping system. They are integrally cast into the lower half casing. This allows for removal or rotating assembly without disturbing the piping system.

**Precision cast and dynamically balanced** double suction impellers in 304 stainless steel construction reduce vibration and ensure smooth operations over a wide range of flow.

**Heavy-duty, 416 SS stiff solid shaft design** with short span between bearings minimizes shaft deflection and extends packing and bearing life.

**304 stainless steel replaceable shaft sleeves** are fitted to protect the shaft against corrosion and wear.

**Renewable bronze casing wear rings** are fitted as a standard with optional impeller wear rings.

**Heavy-duty, deep grooved ball bearings** with a minimum 100,000 hours L-10 rated bearing life ensures long life and reliability.

**ACME unique stuffing box design** permits the use of packing or mechanical seal. Seal maintenance can be done without disturbing the pump casing.

## Standard Accessories

Automatic air release valve

Casing relief valve (for electric motor driven unit)

Suction and discharge gauges  
with shut-off valves

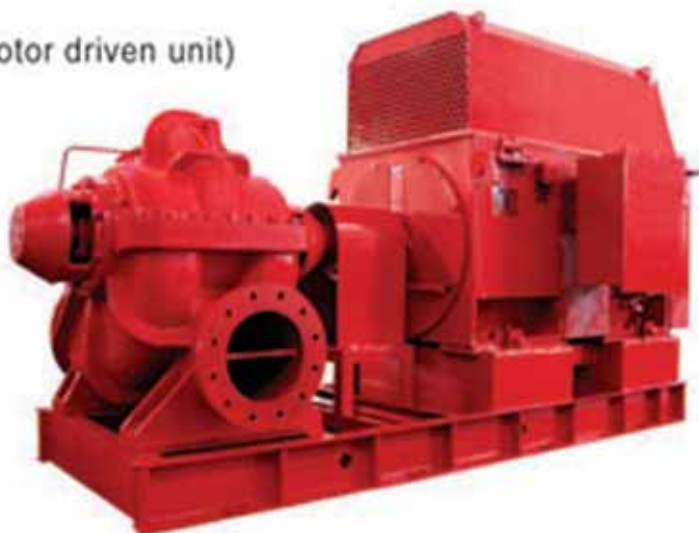
## Optional Accessories

Flow meter

Main relief valve

Hose valve header, hose valves

Waste cone, suction reducer,  
and discharge increaser





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