

Fluoroplastic Chemical Centrifugal Pump

This fluoroplastic chemical pump is designed with a fluoroplastic alloy for good corrosion resistance against chemical liquids such as acid, alkali, and salt. The horizontal single-stage end suction centrifugal pump offers low cost and high efficiency.



ADDITIONAL IMAGES



Product Overview

IHF Series Chemical Centrifugal Pump

The IHF series is a single-stage, single-suction centrifugal pump engineered specifically for the chemical industry, adhering to international non-metal pump design standards. Featuring a robust metal shell with FEP (F-46) lining, this pump offers exceptional resistance to corrosion, high temperatures, and aging while maintaining high mechanical strength. It is an ideal solution for transporting corrosive media such as acids, alkalis, strong oxidants, and organic solvents in demanding industrial environments.

Performance Metrics

Capacity Range

3 m³/h

Min Capacity

100 m³/h

Max Capacity

Head Range

5 m

Min Head

80 m

Max Head

Technical Specifications

Rotary Speeds

- 1450
- 2900

Operating Temperature Range

-85 to 200

Construction & Materials

Material Composition

| Component | Material Details |
|----------------|--|
| Pump Body | Metal shell with FEP (F-46) lining |
| Impeller/Cover | Metal with fluoroplastic lining |
| Seal Ring | Silicone carbide |
| Rotary Ring | Gland packing Teflon or silicone carbide |

Application Suitability

Suitable Industries

Chemical, Petroleum, Pharmacy, Electricity, Food, Environment Protection, Metallurgy, Mining, Paper Making

Key Features

Advantages

Anticorrosion • Wearable • High Temperature Resistance • Non-aging • High Mechanical Strength • Low Noise • Long Life