

Self-Priming Stainless Steel Liquid Circulation Pump

This self-priming centrifugal pump is designed for liquid circulation in CIP (Cleaning In Place) systems and other sanitary applications. Constructed from high-grade stainless steel, it ensures corrosion resistance and hygienic operation.



ADDITIONAL IMAGES



Product Overview

Hygienic Self-Priming Solution

This self-priming stainless steel pump is engineered for demanding applications in the food processing, pharmaceutical, and chemical industries. Designed specifically for handling liquids with entrained air or gas, it excels in CIP (Cleaning In Place) recycling systems and processes involving volatile solvents or fluids near their boiling point. Its robust design ensures reliable performance in negative suction environments while maintaining strict sanitary standards.

Performance

Key Performance Indicators

40 m³/h

Max Flow Rate

42 m

Max Head

8 m

Max Suction

15 kW

Max Power

Technical Specifications

Materials & Surface Finish

- Material: 304 / 316L
- Grade: 1.431 / 1.4404 / 1.4435 NB2
- ASME BPE 316L
- Fe Content: d0.5%
- Surface Roughness: Ra d0.08, d0.04, or d0.02

Mechanical Seal

Single machine seal • Double machine seal

Operating Conditions

-20 °C to 130 °C

Connection Options

Thread, Clamp, Flange, Aseptic Flange

Compliance

Certifications & Standards

- 3-A-02-10 (N.O.1579)
- MD/06/42-EC (N.O.70521616101-00)
- FDA 177.2600
- USP CLASS-II
- EG/VO1935/2004