

High-Flow Centrifugal Pump

This high-performance centrifugal pump is designed for large flow applications. It features stainless steel construction and a powerful electric motor.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Centrifugal Pumping

The MLX series is a high-flow centrifugal pump featuring an open impeller design, specifically engineered to optimize the handling of low-viscosity particulate materials. By utilizing advanced hydraulic modeling, this pump ensures high-efficiency performance while minimizing shear damage to sensitive fluids. Constructed from high-grade stainless steel, it is ideal for demanding applications in food and beverage processing, such as juice fermentation, wort, and jams, as well as general industrial water treatment.

Performance Metrics

Flow Rate

100 m3/h
Minimum Flow

1000 m3/h
Maximum Flow

Head Pressure

40 m

Power Output

11kw - 130kw

Technical Specifications

Surface Treatment Options

- Ra d 0.08
- Ra d 0.08
- Ra d 0.08

Inlet/Outlet Connections

Flange • Sterile Flange • Aseptic Flanged

Materials of Construction

304 Stainless Steel, 316L Stainless Steel, 1.431, 1.4404, ASME BPE 316L, 1.4435 NB2

Operating Temperature

-20 to 140 °C

Compliance & Certification

Regulatory Compliance

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