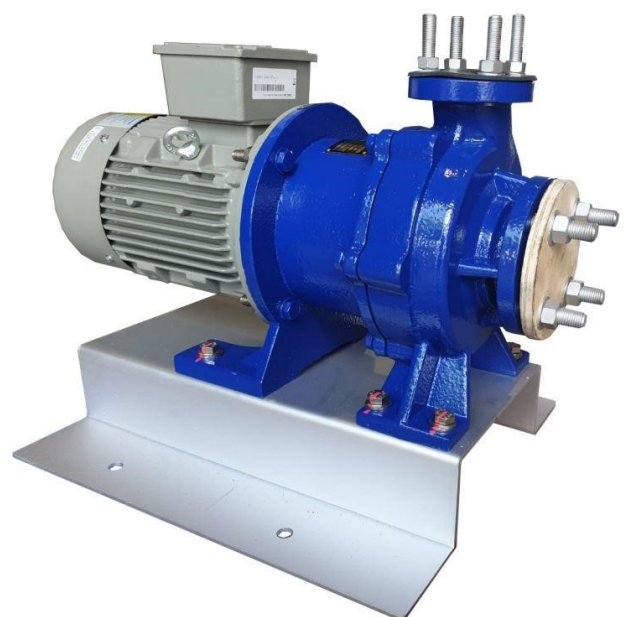


ROTAMAC

Plastic Lined Pumps

Used to cover the corrosives and aggressive fluids



LEADING PROVIDER OF CHEMICAL RESISTANCE SOLUTIONS

Pumps lined with plastic are used with corrosives and aggressive fluids – acids or bases – from the chemical, petrochemical, and pharmaceutical industry.

Those plastic-lined pumps have a simple design and guarantee effortless maintenance. The metallic parts don't come in contact with corrosives and aggressive fluids, so a material failure related to corrosion is impossible to occur.



Plastic Lined Pumps in Sealless Design

CHARACTERISTICS AND DESIGN FEATURES

- Sealless design through magnetic coupling
- No environmental hazards due to zero-leaks
- Wet-end lined with fluorine plastic FEP (F46)



CLOSE COUPLED DESIGN

OPERATING LIMITS

Capacity : up to 200 m³/h
TDH : up to 80 m
Temperature : up to 100 °C
Nozzle : up to DN125

APPLICATIONS

- Highly corrosive service
- Clean chemical, free of solids
- Save space, no need for alignment
- Available in self-priming design



LONG COUPLED DESIGN

OPERATING LIMITS

Capacity : up to 100 m³/h
TDH : up to 50 m
Temperature : up to 100 °C
Nozzle : up to DN80

APPLICATIONS

- Highly corrosive service
- Clean chemical, free of solids

Plastic Lined Pumps in Mechanical Seal Design

CHARACTERISTICS AND DESIGN FEATURES

- The all-round talent for corrosive and abrasive service environments
- Available as single or double mechanical seal
- Wet-end lined with fluorine plastic FEP (F46)



LONG COUPLED DESIGN

OPERATING LIMITS

Capacity : up to 400 m³/h
TDH : up to 80 m
Temperature : up to 95 °C
Nozzle : up to DN150

APPLICATIONS

- Highly corrosive service
- Large capacity



VERTICAL INLINED DESIGN

OPERATING LIMITS

Capacity : up to 100 m³/h
TDH : up to 32 m
Temperature : up to 95 °C
Nozzle : up to DN100

APPLICATIONS

- Highly corrosive service
- Limited installation space



SELF-PRIMING DESIGN

OPERATING LIMITS

Capacity : up to 100 m³/h
TDH : up to 45 m
Temperature : up to 95 °C
Nozzle : up to DN100

APPLICATIONS

- Highly corrosive service
- Self-Priming



WEAR RESISTANCE WITH POLYETHYLENE (PE) LINED

OPERATING LIMITS

Capacity : up to 1,920 m³/h
TDH : up to 53 m
Temperature : up to 80 °C
Nozzle : up to DN350

APPLICATIONS

- Used in media that are both corrosive and abrasive

ROTAMAC

- Standardized End Suction Pumps
EN733/DIN24255, ISO2858/ISO5199
ASME B73.1, API610
- Split Casing Double Suction Pumps
- Solid Handling Pumps
Slurry/Vortex/Semi-open/Open/Non clog
- High Pressure Multi-Stage Pumps
- Self-Priming Pumps
- Submersible Pumps
- Close Coupled Pumps
- Vertical Multi-Stage / Immersible Pumps
- Vertical Sump Pumps
- Vertical Turbine Pumps
- Mixed / Axial Flow Pumps
- Liquid Ring Vacuum Pumps
- Chemical Process Plastic Pumps
- Fire Fighting Pump Packages (NFPA20)
- Booster Pump Packages
- Trailer Mounted Pumps

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ROTAMAC can help relieve the stresses and reduce the life cycle costs associated with the most important aspects of plant operation.

Dedicated to delivering the highest quality support, ROTAMAC services and solutions integrates hydraulic, mechanical and materials engineering knowledge with creative solutions to improve equipment reliability and system performance, reduce energy consumption and improve the safety and environmental impact of operations.

Pump Services and Repair



Capabilities Overview

Design

- Equipment Selection and Optimization
- Material Selection
- System Design
- System Optimization

Start-up

- Equipment Installation
- Laser Alignment
- Commissioning and Running test
- Operator Training
- On-site Project Supervision
- On-site Troubleshooting

Operation and Maintenance

- Equipment Inspection
- Repair & Overhaul
- Advanced Diagnostics
- Service Maintenance Contracts