

# Swimming Pool Circulation Pump

This centrifugal pump circulates water in swimming pools and spas. Its thermoplastic housing is durable and corrosion-resistant, ensuring optimal flow rates and energy efficiency.



## Product Overview

### Professional Circulation Pump

This high-performance centrifugal pump is specifically engineered for professional pool cleaning and water circulation. Built with durable, corrosion-resistant PPO and Noryl materials, it ensures long-term reliability in demanding swimming pool environments. The unit features a continuous S1 duty rating and complies with rigorous international safety and quality standards including IEC and ISO protocols.

## Operational Limits

### Key Performance Metrics

**8 bar**

Maximum Pressure

**90 °C**

Max Liquid Temperature

**2850 rpm**

Rotation Speed

Suction Lift

8 m

## Construction Materials

### Component Materials

Component	Material
Pump Body	PPO / Noryl
Diffusers	PPO / Noryl
Impeller	PPO / Noryl
Motor Shaft	AISI1045 / Stainless Steel
Mechanical Seal	NBR / Graphite / Ceramic

## Electrical Specifications

### Protection Rating

IP44

Insulation Class

Class B, Class F

## Standards Compliance

### International Standards

- IEC60034-1
- IEC 335-1
- IEC 34-1
- ISO 2548