



Fish-Friendly Pumps SPV-F

Protecting Aquatic Life Through Innovative Engineering



Fish-Friendly Pumps

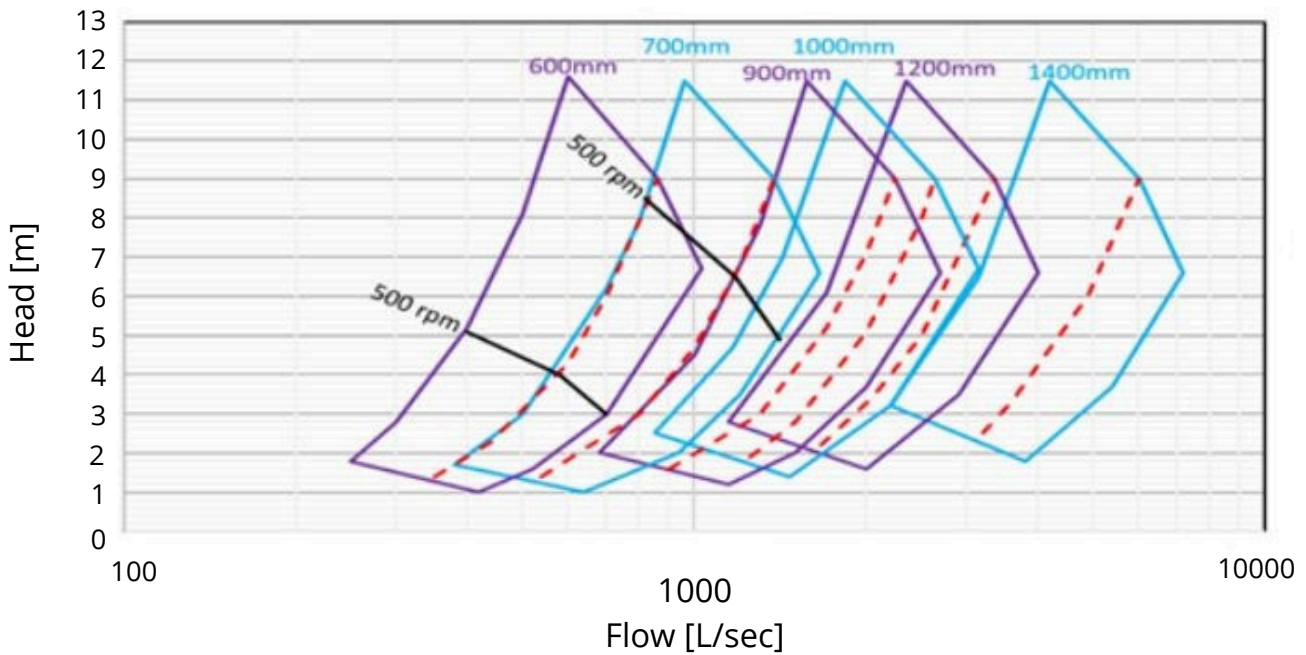
One of the most important environmental considerations in water management is the impact on aquatic life.

At Torishima, we are dedicated to developing environmentally conscious technology. That's why we are excited to announce our fish-friendly pumps, which are specifically engineered to reduce harm to fish and other living organisms.

Our commitment to aquatic preservation is demonstrated by successful testing on eels and varying fish species, helping our customers maintain environmentally responsible operations.



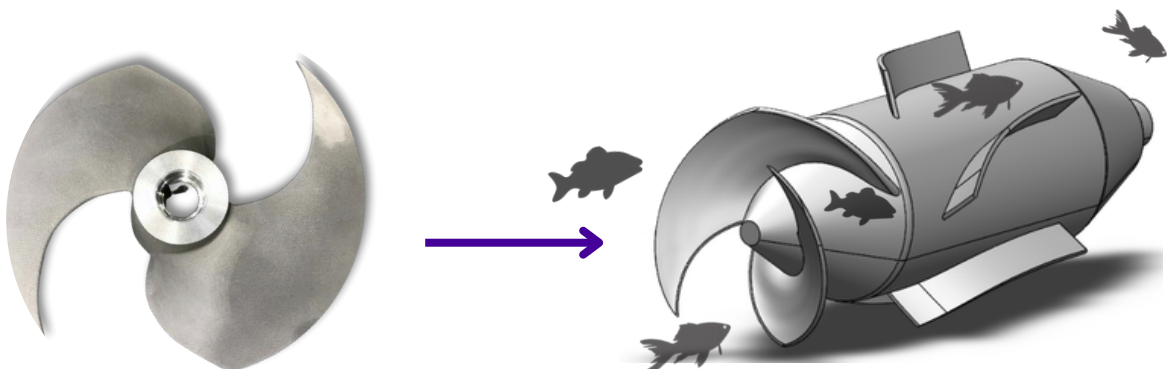
Performance Range



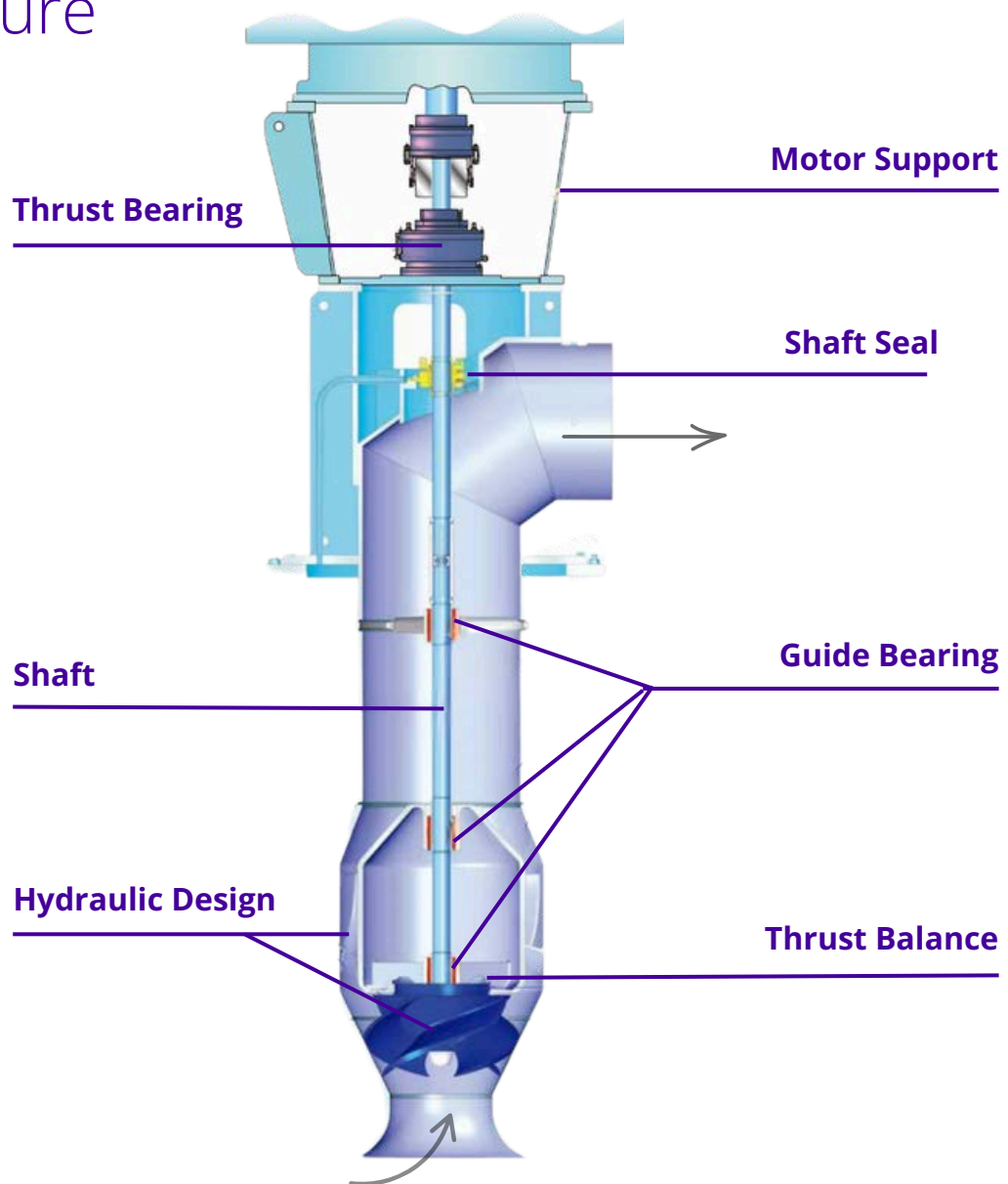
Specification Features

To minimise the impact on aquatic life, Torishima has incorporated several key design elements into our fish-friendly pumps. These features work together to ensure the safe passage of fish and other organisms through the pumping system.

- **Modified Impeller Design:** Impellers are rounded to minimise physical impact and stress on fish.
- **Enlarged Flow Passages:** Wider internal pathways within the pump provide sufficient space for fish to navigate without becoming trapped or injured.
- **Minimising Pressure Changes:** Designed to stabilise pressure changes within the pump, ensuring a smooth and safe passage for fish.



Structure



Key Benefits



Environmentally Friendly



Straightforward Integration into Existing Pump Stations



Reduced Operational & Maintenance Costs



Maintained Efficiency

Solutions Designed For You

At Torishima, we aim to provide optimal solutions that address your specific operational and environmental needs. Recognising the unique requirements of each project, we offer diverse installation configurations, all powered by our innovative fish-friendly technology.

Development & Testing

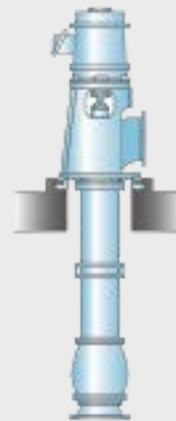
Regular pumping systems often pose a significant threat to aquatic life, leading to the mortality of countless fish and eels.

Torishima's fish friendly pump design has been tested on 3 types of carefully selected live fish, with a 100% survival rate.

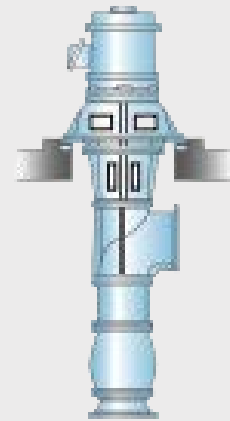
At Torishima, we deliver the tools for a greener planet.

Type of Installation

Above Floor Installation



Below Floor Installation



*Suitable for Two-floor installation





Evolving to meet the demands of
an ever-changing world.

Innovative Systems Solutions Coupled with Expertise in Pumping Technology

Our two main business streams, Pump Sales and Service Solutions, offer an innovative approach to the supply of new pumping units as well as the repair and upgrade of rotating equipment in different markets.

In addition, our aim to offer the most efficient and innovative technology is linked to Torishima's business philosophy of providing carbon neutral solutions by maximising efficiency, reducing maintenance costs and conserving energy in all applications, thus meeting another of our key objectives, the reduction of CO₂ emissions.

torishima.co.uk

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