

VISION-MC

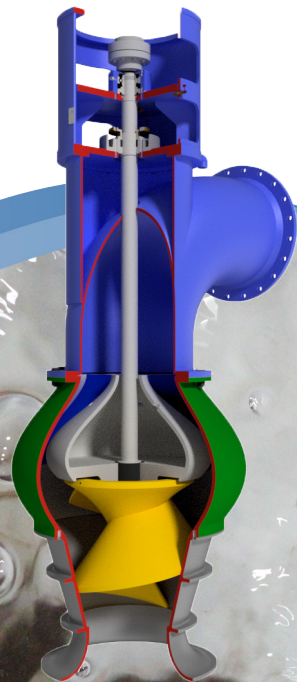
FISH-FRIENDLY, EFFICIENT AND RELIABLE

The Vision-MC is a fish-friendly pump type, specially designed to enable fish migration through a pumping station. Fish friendliness has been achieved due to a mixed-flow impeller with only one blade, combined with a diffuser with only three guide vanes on a large distance from the impeller. This impeller has a special spiral shaped blade, whose fish friendly features have been shown in several independent studies.

The Vision can be applied in new projects as well as in renovation projects. The capacity range of the Vision pump varies from 12m³/min to 350m³/min.

FEATURES

- High efficiency
- Fish-friendly
- High reliability
- Compact design
- Large free passage





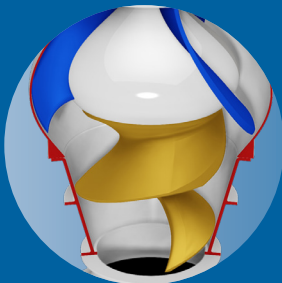
HIGH EFFICIENCY

For the hydraulic design of the Vision-MC, Bosman Watermanagement BV has worked intensively with the Eindhoven University of Technology. Model tests have been conducted in-house at Bosman Watermanagement according to international standards.



100% FISH-FRIENDLY

Fish-friendliness is achieved by using the one-bladed mixed-flow impeller in combination with a diffuser that makes use of three guide vanes on a large distance from the impeller. Field tests have confirmed the extremely high level of fish-friendliness.



HIGH RELIABILITY

The reliable pump concept is easy to fit in existing pumping stations and is characterized by its low maintenance design. The design is suitable for several applications and is built from standard modules. These standard modules guarantee a short delivery time and a quick installation. Eco-friendly materials and a design with a high efficiency ensure a low ecological footprint.