



Impeller from the Fristam FZ

Fristam side channel centrifugal pumps FZ

Reversible, self-priming, high-precision pumps for complete evacuation of tanks and lines. Hygienic, universal, robust, easy to maintain, durable, economical. The optimum solution whenever high suction capacity is required.

OUTSTANDING PERFORMANCE

Fristam FZ pumps have the ability to continuously transport products containing large amounts of air or gas without becoming airlocked.

This not only enables the FZ to minimise contamination between different products but also to completely empty tanks and lines.

Their excellent suction capabilities prevent product residues from remaining in the system for long.

PERFECT DRAINING

By removing remaining product, foam and solutions from the lines, the FZ pumps make the pumping process more efficient.

SPECIFIC CONSTRUCTION

Fristam's self-priming FZ pumps operate according to the side channel principle. Impellers with radial blades in conjunction with hydrodynamically optimised side channels transmit the pressure energy to the product.

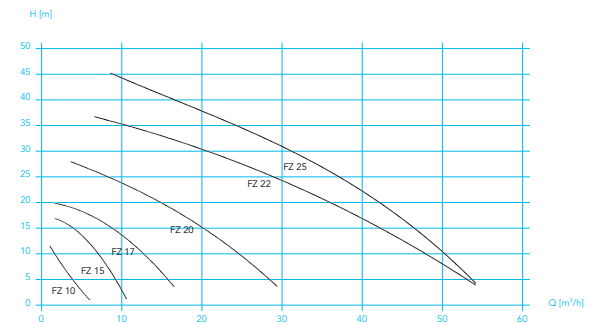
The stable impeller and narrow sealing gaps ensure an outstanding suction capacity.

The FZ's symmetric design allows for a reversal of the rotating direction.



TECHNICAL DETAILS

- 6 different sizes
- System pressures up to 15 bar
- Discharge pressures up to 6.5 bar
- Flow rates up to 64 m³/h
- Viscosities up to 5,000 mPa s



Characteristic curves of the Fristam series FZ (transportation of water); n = 1,450 min⁻¹